

SWP

Air & Battery Tools Product Catalogue

Third Edition



Ordering & Delivery

Our Air & Battery Division sales team are available from Monday to Friday 8.30am to 5.30pm

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We Accept

Cheque, Cash, Master Card, Maestro, Visa, Switch, Solo and Delta



NEXT DAY DELIVERY

UK

All orders placed by 4.00pm Monday to Friday will be despatched on the next day carrier service.

Pallet orders must be placed by 4:00pm to be received the following day.

Carriage Terms

Order Value	Below £150	£150 Net
Data Bag (up to 5kg)	£6.00	FOC
Next Day Delivery	£9.60	FOC
Pallet	£45.00	FOC

Northern Ireland

All orders placed by 12:00pm Monday to Friday will be despatched on the next day carrier service.

Carriage free over £500.00

Below £500.00 – carriage POA

Eire

All orders placed by 12:00pm Monday to Friday will be despatched on a 24 hour service to Dublin and Cork. A 48 hour service applies to all other areas.

Carriage free over €750.00

Below €750.00 – carriage POA

SALES & RETURN POLICY

Price Changes

We reserve the right to alter prices without notice.

For details of our most up to date price list please contact our sales department.

A. Wrong / Excess Items Ordered

We will accept goods for return wrongly or over-ordered provided that:

- They are normal stock items i.e. not obtained to customer order
- They are received by us in as new condition, in their original packaging, and do not have any tags or labels attached
- They have been supplied by us within the previous 30 days
- They are returned to us carriage paid

B. Wrong, Faulty or Damaged Goods Supplied

Claims must be made within 5 days of despatch.

Claims for loss or damage in transit cannot be considered for goods signed for as received in good condition, or signed for as complete.

About SWP . . .

Founded in 1991, Specialised Welding Products has expanded to become one of the UK's leading wholesalers of Welding Products, Air & Battery Tools and Safety Equipment. To view the full range please visit www.specialisedwelding.co.uk

The Air & Battery Tools featured in this catalogue reflect SWP's core values of providing quality products – backed by a knowledgeable and dedicated after sales and technical support team.

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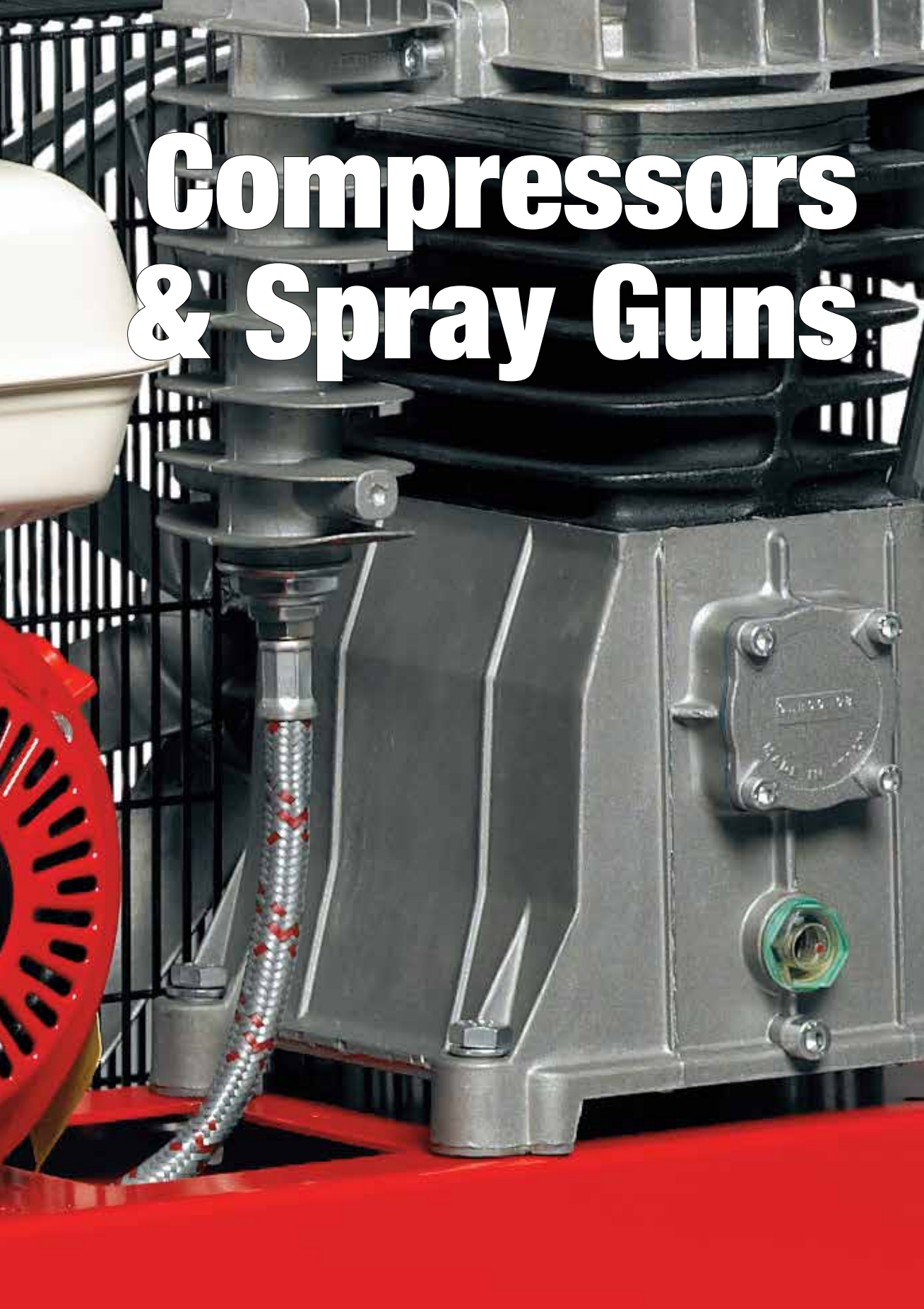
Delivers ...

Quality ✓

Value ✓

Service ✓

Compressors & Spray Guns



Conversion Factors

Force

	KGF	N	LBF
KGF	1	9.8067	2.2046
N	0.102	1	0.2248
LBF	0.4536	4.4482	1

Weight

	G	KG	LB
G	1	0.001	0.0022
KG	1000	1	2.2046
LB	453.59	0.45359	1

Torque

	LBF-IN	LBF-FT	KGF-CM	KGF-M	N-M
LBF-IN	1	0.083	1.152	0.0115	0.113
LBF-FT	12	1	13.83	0.138	1.356
KGF-CM	0.868	0.072	1	0.01	0.098
KGF-M	86.8	7.233	100	1	9.807
N-M	8.851	0.783	10.2	0.102	1

Length

	MM	CM	M	IN	FT
MM	1	0.1	0.001	0.0394	0.0033
CM	10	1	0.01	0.3937	0.0328
M	1000	100	1	39.371	3.2809
IN	25.4	2.54	0.0254	1	0.0833
FT	304.79	30.479	0.3048	12	1

Pressure

	KGF/CM²	BAR	KPA	LB/IN² (PSI)	ATM
KGF/CM²	1	0.8907	98.0665	14.2231	0.9678
BAR	1.0197	1	100	14.5036	0.9869
KPA	0.0102	0.01	1	0.145	0.0097
LB/IN² (PSI)	0.0703	0.069	6.895	1	0.0680
ATM	1.0332	1.0133	101.325	14.6957	1

Flow

	L/SEC	L/MIN	M³/H	M³/MIN	GA/MIN	FT³/H	FT³/MIN (CFM)
L/SEC	1	60	3.6	0.06	13.197	127.14	2.119
L/MIN	0.0167	1	0.06	0.001	0.23	2.119	0.0353
M³/H	0.2778	16.6667	1	0.0167	3.6658	35.3165	0.5886
M³/MIN	16.666	1000	60	1	219.95	2119	35.3165
GA/MIN	0.0758	4.5465	0.2728	0.0045	1	9.6342	0.1606
FT³/H	0.0079	0.4719	0.0283	0.0005	0.1038	1	0.0167
FT³/MIN (CFM)	0.4719	28.3152	1.6989	0.0283	6.2279	60	1

Zephyr

ZC106 Portable

1 HP / 6 Litre

OIL-FREE



- Cast Iron cylinder block for longer durability
- Soundproof housing for reduced noise level
- Rubber shock absorbers for less vibration
- Large pressure gauge and regulator

ZC224 Portable

2 HP / 24 Litre

LUBRICATED



- Cast iron cylinder block for longer durability
- 2 x pressure outlets and gauges
- Wide front leg c/w shock absorber for reduced vibration and good stability
- Plastic motor and cylinder cowl for extra protection
- Convenient carry handle – also protects pressure switch from damage
- Clearly visible oil sight glass

ZC250 Portable

2 HP / 50 Litre

LUBRICATED



- Cast Iron cylinder block for longer durability
- Large heavy duty wheels for all terrains
- Twin pressure outlets and gauges
- Twin front legs c/w shock absorbers for reduced vibration and good stability
- Plastic motor and cylinder cowl for extra protection
- Convenient carry handle – also protects pressure switch from damage
- Clearly visible oil sight glass

ZC350 Portable

3 HP / 50 Litre

LUBRICATED



- Twin cast iron cylinder blocks for longer durability
- Large heavy duty wheels for all terrains
- Twin pressure outlets and gauges
- Twin front legs c/w shock absorbers for reduced vibration and good stability
- Full motor and twin cylinder cowl for extra protection
- Long carry handle for easy manoeuvre
- Clearly visible oil sight glass and oil dipstick

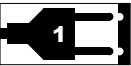
	Horsepower HP	Tank Size litre	Working Pressure Bar	Piston Displacement CFM	Voltage V	Lubricated	Dimensions L x W x H cm	Net Weight kg
ZC106	1	6	8.0	5.68	230	Oil Free	51 x 25 x 51	16
ZC224	2	24	8.0	7.28	230	Oil	58 x 26 x 58	30
ZC250	2	50	8.0	7.28	230	Oil	77 x 33 x 74	34
ZC350	3	50	8.0	14.55	230	Oil	77 x 38 x 75	43

Compressors

COMPRESSORS

Belt Driven Portable

Aria



Fitted with Newco pump as standard.
See page 13 for spare parts.



A powerful range of single-phase compressors that can be run off a 230 volt, 13 amp electrical supply.

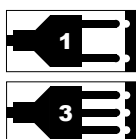
Ideal for contractors who need to move from site to site.

- All pumps are fitted with cast Iron cylinder liners
- Full-sized aluminum pistons with two compression rings and one oil scrapper ring
- Hardened steel crankshafts
- High air flow flywheels and large finned after-coolers on all pumps for increased cooling
- Aerodynamically-moulded belt guard for concentrated air flow over cylinder head – further increasing cooling
- Single phase electric motors with thermal overload protection
- Automatic stop/start pressure switches fitted with soft start valves, pre-wired and ready to install
- Air receivers conform to CE standard CE09/105 (formerly 87/404) supplied with manufacturer's test certificate
- All models fitted with air filter/regulator
- Heavy duty wheel kit and ergonomic handle fitted for everyday site activity

	Receiver Size litre	Motor HP / kW	Maximum Pressure Bar	Piston Displacement CFM	Free Air Delivery CFM	Dimensions L x W x H cm	Net Weight kg	Phase
2/100BP	100	2.0 / 1.5	9	8.0	6.0	108 x 40 x 79	60	1
3/50BP	50	3.0 / 2.2	9	13.0	9.2	88 x 40 x 79	45	1
3/100BP	100	3.0 / 2.2	9	13.0	9.2	108 x 41 x 85	60	1
3/150BP	150	3.0 / 2.2	9	13.0	9.2	132 x 45 x 92	75	1

Belt Driven Static

Aria



Fitted with Newco pump as standard.
See page 13 for spare parts.



Star Delta
starter box

OPTIONAL ACCESSORY
Anti Vibration Feet
Pack of 4
Pt No. 97221022

A powerful range of single and three phase compressors.

Ideal for contractors where larger receivers and higher demands of air are required.

- All pumps are fitted with cast iron cylinder liners
- Full-sized aluminum pistons with two compression rings and one oil scrapper ring
- Hardened steel crankshafts
- High air flow flywheels and large finned after-coolers on all pumps for increased cooling
- Aerodynamically-moulded belt guard for concentrated air flow over cylinder head – further increasing cooling
- Single phase electric motors with thermal overload protection
- Three phase pressure switches fitted with overload protection
- Automatic stop/start pressure switches fitted with soft start valves, pre wired ready to install
- Air receivers conform to CE standard CE09/105 (formerly 87/404) supplied with manufacturer's test certificate
- Unload solenoid valve fitted on all compressors equipped with Star Delta starter

	Receiver Size litre	Motor HP / kW	Maximum Pressure Bar	Piston Displacement CFM	Free Air Delivery CFM	Dimensions L x W x H cm	Net Weight kg	Phase
3/150BS1	150	3.0 / 2.2	9	13.0	9.2	132 x 45 x 92	85	1
3/150BS3	150	3.0 / 2.2	9	13.0	9.2	132 x 45 x 92	85	3
3/200BS1	200	3.0 / 2.2	9	13.0	9.2	145 x 50 x 95	96	1
3/200BS3	200	3.0 / 2.2	9	13.0	9.2	145 x 50 x 95	96	3
4/200BS1	200	4.0 / 3.0	9	16.7	11.9	145 x 50 x 100	98	1
4/270BS1	270	4.0 / 3.0	9	16.7	11.9	155 x 57 x 112	116	1
55/200BS3	200	5.5 / 4.0	10	20.6	17.1	145 x 50 x 104	123	3
55/270BS3	270	5.5 / 4.0	10	20.6	17.1	155 x 57 x 120	139	3
75/200BS3	200	7.5 / 5.5	10	28.2	22.3	145 x 50 x 107	139	3
75/270BS3	270	7.5 / 5.5	10	28.2	22.3	155 x 57 x 120	146	3
10/270BS3*	270	10 / 7.5	10	44.1	33.0	155 x 57 x 120	166	3

* This product is supplied complete with a Star Delta starter box

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Compressors

COMPRESSORS

Belt Driven Silent



Fitted with Newco pump as standard.
See page 13 for spare parts.

Our silent range of belt driven compressors are designed to meet the demanding needs of professional and industrial applications where low levels of noise are required.

The range consists of 5.5 hp and 7.5 hp pumps mounted on large 270 litre receivers. Higher working pressures of 11 Bar. Dryer options are available on request.

- Low noise acoustic cabinet, noise levels below 70 dBA
- Soundproof and fireproof cabinet
- Efficient cooling system with large flywheel for effective cooling
- Internal thermostatically controlled cooling fan removes excess heat from the cabinet
- All pumps are fitted with a cast iron cylinder block and liners for longer life
- Hardened steel crankshafts
- Full-sized aluminium pistons with two compression rings and one oil scrapper ring
- Air receivers conform to CE standard CE09/105 (formerly 87/404) supplied with manufacturer's test certificate
- Automatic stop/start pressure switches fitted with overload protection
- Cabinet mounted hours-run meter

	Receiver Size litre	Motor HP / kW	Maximum Pressure Bar	Piston Displacement CFM	Free Air Delivery CFM	Dimensions L x W x H cm	Net Weight kg	Phase
LN55/270BS3	270	5.5 / 4.0	11	20.6	17.1	155 x 66 x 139	225	3
LN75/270BS3	270	7.5 / 5.5	11	28.2	22.3	155 x 66 x 139	240	3

Belt Driven Petrol



Fitted with Newco pump as standard. See page 13 for spare parts.



Our top line of petrol driven compressors are designed to meet all requirements of vehicle breakdown and site applications.

Made in Italy, the range stands out for its strong construction, innovative technical solutions and careful attention to design and detail.

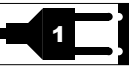
- Genuine Honda petrol engines fitted to all models
- Recoil start as standard
- Fitted with an automatic pneumatic governor
- High air flow flywheels and large finned after-coolers on all pumps – for increased cooling
- All pumps are fitted with a cast Iron cylinder block and liners for longer life
- Full-sized aluminium pistons with two compression rings and one oil scrapper ring
- Hardened steel crankshafts
- Air receivers conform to CE standard CE09/105 (formerly 87/404) supplied with manufacturer's test certificate
- Robust steel belt guard protects all moving parts
- All models fitted with air filter/regulator
- Heavy duty pneumatic wheel kit and ergonomic handle fitted to withstand everyday site activity
- Supplied oil filled ready to ship direct to site
- Rubber base-plate mounted shock absorbers fitted to eliminate movement in operation

	Receiver Size litre	Motor HP	Engine	Maximum Pressure Bar	Piston Displacement CFM	Free Air Delivery CFM	Dimensions L x W x H cm	Net Weight kg
55/100Petrol	100	5.5 Honda	GX160	10	14.9	9.7	108 x 40 x 80	82
9/270Petrol	270	9.0 Honda	GX270	10	19.7	14.8	155 x 57 x 120	160

Compressors

COMPRESSORS

Belt Driven Static/Vertical



Fitted with Newco pump as standard.
See page 13 for spare parts.



ARIA



Ideal for contractors where larger receivers and higher demands of air are required and where space is of a premium.

- All pumps are fitted with cast iron cylinder liners
- Full-sized aluminum pistons with two compression rings and one oil scrapper ring
- Hardened steel crankshafts
- High air flow flywheels and large finned after-coolers on all pumps for increased cooling
- Aerodynamically-moulded belt guard for concentrated air flow over cylinder head – further increasing cooling
- Single phase electric motor with thermal overload protection
- Automatic stop/start pressure switches fitted with soft start valves, pre-wired ready to install
- Air receivers conform to CE standard CE09/105 (formerly 87/404) supplied with manufacturer's test certificate
- Stable three-leg construction
- Ideal for garages and workshops with minimal space

	Receiver Size litre	Motor HP / kW	Maximum Pressure Bar	Piston Displacement CFM	Free Air Delivery CFM	Dimensions L x W x H cm	Net Weight kg	Phase
3/150VBS1	150	3 / 2.2	9	13	9.2	77 x 56 x 169	85	1

Compressors Spare Parts

Designed in 1982, the Newco pump has become an industry leader in a constantly evolving market, offering a quality pump which is recognised the world over. The Newco range is one of the most complete in its field, with the entire production taking place in Avellino, Italy. From here the manufacturing process begins with aluminium casting through to machining, assembly, testing and packaging – allowing the range to be completely supplied from individual parts to service kits.

N-SERIES REPLACEMENT PUMPS



- Available in 2.8hp - 10hp

ACCESSORIES & SPARE PARTS

Service Kits

91894881	N2.8/NG2.8
91899062	N3/NG3
97155576	N4/NG4
55893622	N5/NG5
97159594	N6/NG6
55893622	NV10/NGV10

Pressure Switches

Single phase

55884878	Nema
TMQ	Telemecanique

Nema 3 phase

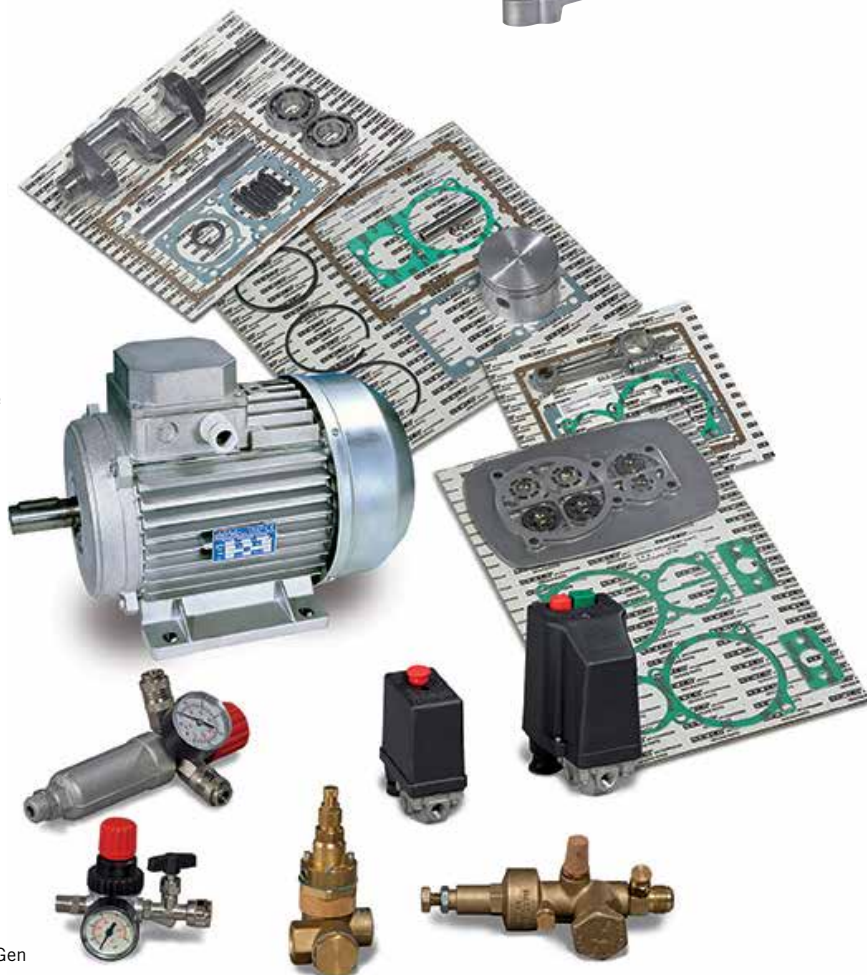
55894380	4-6amp
55894398	6-10amp
55894406	10-16amp

Condor

93184430	2-4amp
93184448	4-6amp
93184455	6-10amp
93184463	10-16amp

Air Filters

97021711	N2.8
97021745	N3/N4
55898928	N5 New Gen
97235899	N5 Old Gen
55898928	N6/NG6 New Gen
97018402	N6/NG6 Old Gen
55898928	NG10/NGV10 New Gen
97235899	NG10/NGV10 Old Gen



Spray Guns

S-35G

Premium Gravity Fed Spray Gun

- High end automotive finishing
- World class atomisation for reduced costs
- The only no-need-to-replace nozzle (worldwide patent pending)
- Forged aluminium body, fine polished and anodised
- Performance, life and field tested
- Supplied with unique foldable S35 stand



- S35STAND also sold separately - see page 16

S-35S

Premium Suction Fed Spray Gun

- High end automotive finishing and high quality woodworking
- World class atomisation to reduce paint loss and costs
- Forged aluminium body, fine polished and anodised
- Performance, life and field tested
- Comfortable spring loaded handle, ergonomically designed for user comfort



S-701 Suction Fed Spray Gun

S-701R Suction Fed Spray Gun c/w Regulator



- High quality fine atomisation
- Ideal for preparation of surface prior to final top coat, such as automotive vehicles, furniture, machinery and general metalwork
- Adjustable nozzles sets ensure constant high performance
- Air inlet 1/4"

S-770P Pressure Fed Spray Gun

S-770S Suction Fed Spray Gun



- Choice of pressure or suction feed
- Ideal for preparation of surface prior to final top coat, such as automotive vehicles, furniture, machinery and general metalwork
- Adjustable nozzles sets ensure constant high performance
- Air inlet 1/4"

	Air Pressure PSI (Bar)	Air Consumption CFM	Cup Capacity ml	Nozzle mm	Feed Type
S-35G	50 (3.5)	16	600	14, 17	Gravity
S-35S	50 (3.5)	16	1000	17, 20	Suction
S-701	50 (3.5)	17	1000	1.8	Suction
S-701R	50 (3.5)	17	1000	1.8	Suction
S-770P	50 (3.5)	18	1000	1.2	Pressure
S-770S-15	50 (3.5)	12	1000	1.5	Suction
S-770S-20	50 (3.5)	12	1000	2.0	Suction

H-2000

HVLP Mini Gravity Fed Spray Gun

- Nozzle sizes available 0.5, 0.8 and 1.0mm (standard)
- Durable brass air cap (not aluminium) for long life
- Suitable for water-based paints
- Stainless steel nozzle and needle
- Spray pattern can be adjusted to any object
- Anodised body to reduce need for cleaning
- Small and lightweight to access restrictive areas
- Air inlet 1/4"



H-827

HVLP Gravity Fed Spray Gun

- Nozzle sizes available 1.4, 1.7 (standard) and 2.0mm
- Durable brass air caps (not aluminium) for long life
- Stainless steel nozzle and needle
- Suitable for water-based paints
- Spray pattern can be adjusted to any object
- Anodised body to reduce need for cleaning
- Air inlet 1/4"



AB-17S

HVLP Suction Fed Spray Gun

- Nozzle sizes available 1.4, 1.7mm (standard)
- Durable brass air caps (not aluminium) for long life
- Stainless steel nozzle and needle
- Suitable for water-based paint
- Spray pattern can be adjusted to any object
- Air inlet 1/4"



AP2000

Spray Gun Set – 15 pieces

- Contains:
- HVLP 1.3mm Gravity Spray Gun – 600mm
 - HVLP 0.8mm Gravity Touch-up Gun – 125mm
 - Air Regulator
 - Air Blow Gun
 - Spare NNG Nozzle Kit
 - Supplied in a blow moulded carry case



	Air Pressure PSI (Bar)	Air Consumption CFM	Cup Capacity ml	Nozzle mm	Feed Type
H-2000	43 (3)	9	125	1.0	Gravity
H-2000-05	43 (3)	9	125	0.5	Gravity
H-2000-08	43 (3)	9	125	0.8	Gravity
H-827	43 (3)	15	600	1.7	Gravity
H-827-14	43 (3)	15	600	1.4	Gravity
H-827-20	43 (3)	15	600	2.0	Gravity
AB-17S	43 (3)	16	1000	1.7	Suction
AB-17S-14	43 (3)	16	1000	1.4	Suction

Spray Kits & Accessories

AK-1

Air Tools Kit – 5 pieces

Contains:

- Spray Gun
- Washing Gun
- Inflating Gun
- Air Dust Gun
- Air Hose



AK-2

- Same features as above but with a gravity feed spray gun

2-QT

Portable high pressure paint pot

- 2 litre cc Paint Pot
- 4 metre Air and Paint Hose
- Carry Handle
- Pressure Gauge
- Regulator



NB: Gun is sold separately – see S-770P on page 14

SR-1101

Dual Action Air Brush Kit – 8 pieces

Contains:

- Air Brush - 0.2mm
- Cup
- Mix Bottle
- Air Hose
- Pipette
- Air Adaptor
- Spanner
- Glass Bottle



SPRAY GUN ACCESSORIES

SK-13

Spray Gun Cleaning Kit – 13 pieces



MF-80

Water Trap



HD-102

Magnetic Spray Gun Holder



S35STAND

Spray Gun Stand

- Premium free standing gravity spray gun stand
- Solid metal construction
- Foldable for easy storage after use



Heavy Duty Air Tools



The air tools in this section have been categorised into three distinctive levels for user convenience (for reference only).



Easy to handle tasks quickly, these tools offer **efficiency and performance**.



These tools provide high torque **strength**, superior grinding power and superior cutting energy.



Built to last and low failure rate are characteristics associated with these **endurance** tools.

Application icons have been designed to provide visual references that suggest industry specific features or usability (for reference only).

-  **Automotive**
-  **Motorcycle**
-  **Industry**
-  **Boat**
-  **Agriculture**



Air Impact Wrenches

m7
MIGHTY SEVEN®
2-YEAR WARRANTY



NC-3111

3/8" Drive Air Impact Wrench
Pin Clutch Type

Air inlet: 1/4"  



- Durable **Pin Clutch** impact mechanism
- Low noise, stable and smooth torque output during operation
- Exceptional durability, easy to maintain
- Front exhaust
- Three setting air regulator on handle



NC-3210

3/8" Drive Air Impact Wrench
Twin Hammer Type

Air inlet: 1/4"   



- Durable **Twin Hammer** impact mechanism
- Compact – ideal for confined working environment
- Low noise and lightweight – only 1.5 kg
- Strong and powerful – maximum torque 474 Nm



NC-3810

3/8" Drive Air Impact Wrench
Twin Dog Type

Air inlet: 1/4"   



- Durable **Twin Dog** impact mechanism
- Butterfly type forward/reverse trigger
- Adjustable 3-speed regulator
- 180° air inlet
- Ideal for small engine maintenance assembly



NC-4630Q

1/2" Drive Air Impact Wrench
Jumbo Hammer Type

Air inlet: 1/4"     



- Compact **Jumbo Hammer** – just 97mm long and 1.5 kg weight
- Powerful yet compact
- Reaches 610 Nm in just 5 seconds
- Low noise sound level of 85 dBA
- Suited to narrow work places and general heavy-duty maintenance

For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-3111	3/8	1/2 (13)	70-130 (95-176)	160 (216)	9000	4.0 (113)	90 (6.3)	6-7/16 (163)	3.5 (1.60)	3/8	93.3	4.1
NC-3210	3/8	1/2 (13)	100-300 (136-407)	350 (474)	10000	4.0 (113)	90 (6.3)	5-5/8 (142)	3.3 (1.50)	3/8	92.1	3.6
NC-3810	3/8	3/8 (10)	5-50 (7-68)	75 (102)	11000	2.3 (65)	90 (6.3)	5-15/32 (139)	1.1 (0.50)	3/8	91.0	3.6
NC-4630Q	1/2	5/8 (16)	200-350 (271-475)	450 (610)	9000	4.4 (124)	90 (6.3)	3-27/32 (98)	3.3 (1.50)	3/8	85.0	2.8



NC-4210

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"   



- Durable **Twin Hammer** impact mechanism
- Compact – ideal for confined working environment
- Low noise and lightweight – only 1.6 kg
- Strong and powerful – max torque 542 Nm



NC-4213

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"   



- Durable **Twin Hammer** impact mechanism
- Non-slip grip for improved comfort and ergonomics
- Handle exhaust directs air away from work area
- Common applications: tyre lanes, heavy automotive and HGV work



NC-4216

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"    



Composite Material

- Durable **Twin Hammer** impact mechanism
- Lightweight composite material body – just 2 kg
- Multi-function lever switch – controls both direction and speed precisely
- Integrated cylinder and rear end plate enables stable powerful output
- Handle exhaust reduces noise and directs air away from the working area
- Ergonomic composite handle designed for operator comfort



NC-4217

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"   



- Durable **Twin Hammer** impact mechanism
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch
- Rubber grip for operator comfort
- Common applications include automotive service and tyre lanes

For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-4210	1/2	5/8 (16)	150-350 (203-475)	400 (542)	10000	4.2 (119)	90 (6.3)	5-5/8 (142)	3.5 (1.60)	3/8	90.6	2.8
NC-4213	1/2	5/8 (16)	180-400 (244-542)	600 (813)	6500	4.2 (119)	90 (6.3)	7-3/16 (182)	6.2 (2.80)	3/8	91.0	3.8
NC-4216	1/2	5/8 (16)	180-400 (244-542)	650 (881)	9000	4.2 (119)	90 (6.3)	7-3/4 (195)	4.4 (2.00)	3/8	93.9	4.5
NC-4217	1/2	5/8 (16)	150-320 (203-434)	400 (542)	7000	4.2 (119)	90 (6.3)	7-1/4 (184)	5.6 (2.50)	3/8	92.1	3.7

Air Impact Wrenches

m7
MIGHTY SEVEN®
2-YEAR WARRANTY



NC-4233

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"     



Composite Material

- Durable **Twin hammer** impact mechanism with high torque output
- Integrated air valve
- 360° swivel air inlet
- Three setting forward power regulator for controlled run up
- 1350 Nm breaking torque



NC-4236

**1/2" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 1/4"     



- Durable **Twin Hammer** impact mechanism
- Maximum torque output 1356 Nm in 5 seconds
- Three forward and reverse settings for complete control
- Common applications: tyre lanes and light HGV maintenance



NC-6113

**3/4" Drive Air Impact Wrench
Pin Clutch Type**

Air inlet: 1/4"   



- Durable **Pin Clutch** impact mechanism
- Extremely stable and smooth torque during operation
- Common applications include maintenance of buses, trucks, farm machinery and construction equipment



NC-6213

**3/4" Drive Air Impact Wrench
Twin Hammer Type**

Air inlet: 3/8"   



Composite Material

- Durable **Twin Hammer** impact mechanism increases durability and efficiency
- Powerful torque output –1627 Nm reduces trigger time
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch
- Handle exhaust efficiently reduces noise and directs air away from the working area

For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft.-lb (Nm)	Max Torque ft.-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-4233	1/2	3/4 (19)	200-500 (271-678)	850 (1152)	6500	4.4 (124)	90 (6.3)	9-11/16 (246)	4.6 (2.10)	3/8	85.0	3.8
NC-4236	1/2	1 (25.4)	200-700 (271-949)	1000 (1356)	7500	5.5 (155)	90 (6.3)	6-45/64 (171)	5.7 (2.62)	3/8	87.0	4.5
NC-6113	3/4	1 (25.4)	150-600 (203-814)	850 (1153)	4500	7.0 (198)	90 (6.3)	10.0 (254)	10.1 (4.60)	1/2	94.3	7.2
NC-6213	3/4	1-1/16 (27)	200-1000 (271-1356)	1200 (1627)	6000	6.9 (195)	90 (6.3)	9-7/16 (239)	8.5 (3.88)	1/2	92.0	5.0



NC-6215

3/4" Drive Air Impact Wrench New Twin Hammer Type

Air inlet: 1/4"    



- New **Twin Hammer** impact mechanism increase durability and efficiency
- Torque can be generated instantly
- Handle exhaust efficiently reduces noise and directs air away from the working area



NC-6216

3/4" Drive Air Impact Wrench New Twin Hammer Type

Air inlet: 3/8"    



Composite Material

- New **Twin Hammer** impact mechanism increase durability and efficiency
- 360° integrated air inlet swivel
- Powerful torque output – 1627 Nm reduces trigger time
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch
- Handle exhaust efficiently reduces noise and directs air away from the working area



NC-6217

3/4" Drive Air Impact Wrench Twin Hammer Type

Air inlet: 3/8"    



- Durable **Twin Hammer** impact mechanism increases durability and efficiency
- Ultimate heavy duty performance
- Powerful torque output – 1898 Nm reduces trigger time
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch
- Handle exhaust efficiently reduces noise and directs air away from the working area



NC-6236

3/4" Drive Air Impact Wrench Twin Hammer Type

Air inlet: 1/4"    



- Durable **Twin Hammer** impact mechanism
- 3/4" anvil with reduced compact body
- Ultimate power reaches 1627 Nm in under 5 seconds
- Does the toughest job efficiently with industrial level quality and durability

For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb Nm	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs kg	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-6215	3/4	1 (25.4)	180-600 (244-810)	900 1220	6500	7.0 (198)	90 (6.3)	9-7/32 (234)	10.0 4.5	1/2	91.5	10.8
NC-6216	3/4	1-1/16 (27)	200-1000 (271-1356)	1200 1627	6000	6.0 (170)	90 (6.3)	9-1/4 (235)	9.0 4.1	1/2	91.2	5.0
NC-6217	3/4	1-1/16 (27)	200-1000 (271-1356)	1400 1898	4800	6.9 (195)	90 (6.3)	9-7/16 (239)	8.5 3.88	1/2	92.0	5.0
NC-6236	3/4	1 (25.4)	200-900 (271-1220)	1200 1627	7500	5.5 (155)	90 (6.3)	6-45/64 (171)	5.9 2.68	3/8	87.0	4.5

Air Impact Wrenches



HEAVY DUTY
AIR TOOLS



NC-8212

1" Drive Air Impact Wrench
New Twin Hammer Type

Air inlet: 3/8"    

Composite Material

- New **Twin Hammer** impact mechanism increases durability and efficiency
- 1" anvil with compact body
- 360° integrated air inlet swivel
- Powerful torque output – 1762 Nm reduces trigger time
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch



NC-8219

1" Drive Air Impact Wrench
New Twin Hammer Type

Air inlet: 1/2"    

- New **Twin Hammer** impact mechanism
- Powerful and durable nickel chrome molybdenum anvil is heat treated for durability
- Variable speed trigger
- Side handle included for operator comfort
- Side exhaust includes silencer for noise reduction



For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-8212	1	1-1/16 (27)	200-1000 (271-1356)	1300 (1762)	6000	6.0 (170)	90 (6.3)	9-1/4 (235)	9.6 (4.4)	1/2	91.2	5.0
NC-8219	1	1-7/16 (36)	200-1600 (271-2170)	1800 (2441)	4000	11.0 (311)	90 (6.3)	12-13/32 (315)	21.6 (9.84)	1/2	103.4	16.7



NC-8226

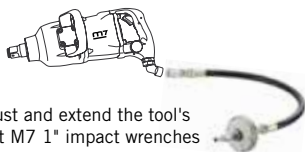
1" Drive Air Impact Wrench
Twin Hammer Type

Air inlet: 1/2"    



- Durable **Twin Hammer** impact mechanism
- Light weight and durable (only 8.4kgs)
- 3 power settings in forwards
- Equipped with 5" extended anvil
- Powerful 2441 Nm in reverse

SD-5408



1" Filter Tube

- Filter out the dust and extend the tool's lifetime on most M7 1" impact wrenches



NC-8322 / NC-8342

1" Drive Air Impact Wrench
Pinless Type

Air inlet: 1/2"    



- Durable **Pinless Clutch** impact mechanism
- Standard anvil (NC-8322) or 8" extended anvil (NC-8342)
- Reaches max torque within 3 seconds
- Multi setting air regulator for complete control
- Excellent for high volume work on HGV's, buses and heavy construction equipment



NC-8321 / NC-8341

1" Drive Air Impact Wrench
Pinless Type

Air inlet: 1/2"    



- Durable **Pinless Clutch** impact mechanism
- Side exhaust
- Removable side handle
- Standard anvil (NC-8321) or 6" Extended Anvil (NC-8341)
- 45° 1/2" BSP air inlet
- Multi setting air regulator for complete control
- Common applications: mobile tyre fitters and general HGV maintenance



NC-9223

1-1/2" Drive Air Impact Wrench
New Twin Hammer Type

Air inlet: 1/2"   



- New **Twin Hammer** mechanism provides fast and instant balance torque output
- Break loose a frozen or rusted bolt easily
- Common applications include energy and gas maintenance and manufacturing

For impact sockets – see pages 50-52

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-8226	1	1-3/8 (33)	200-1600 (271-2170)	1800 (2441)	6000	9.0 (254)	90 (6.3)	19-3/16 (487)	18.4 (8.4)	1/2	102.0	9.3
NC-8321	1	1-3/8 (33)	200-1600 (271-2170)	1800 (2441)	4000	11.5 (325)	90 (6.3)	15 (380)	24.0 (10.9)	1/2	97.0	7.3
NC-8341	1	1-3/8 (33)	200-1600 (271-2170)	1800 (2441)	4000	11.5 (325)	90 (6.3)	20 (510)	27.6 (12.5)	1/2	97.0	6.3
NC-8322	1	1-7/16 (36)	200-2000 (271-2711)	2500 (3390)	3300	11.0 (311)	90 (6.3)	17-5/16 (440)	34.2 (15.50)	1/2	93.9	8.8
NC-8342	1	1-7/16 (36)	200-2000 (271-2711)	2500 (3390)	3300	11.0 (311)	90 (6.3)	24-3/8 (619)	38.0 (17.30)	1/2	93.9	8.8
NC-9223	1-1/2	2 (50)	200-3000 (271-4065)	3500 (4746)	3000	16.0 (453)	90 (6.3)	17-3/4 (450)	42.2 (19.70)	3/4	104.5	8.8

Air Impact Wrench Kits



NC-4233K

1/2" Drive – 15 pieces

Twin Hammer Type

Air inlet: 1/4"    

1 x NC-4233 complete with blow moulded case containing:

1 x 9,10,11,13,14,17,19,22,24 and 27 mm Sockets

1 x 5" Impact Extension

1 x Allen Key 4mm

1 x Mini Oiler 1/4" Female and 1/4" Male

1 x 1/4" Coupler Probe

- **Twin hammer** impact mechanism with high torque output
- Integrated air valve
- 360° swivel air inlet
- Three setting forward power regulator for controlled run up
- 1350 Nm breaking torque



Composite Material



NC-4216K

1/2" Drive – 15 pieces

Twin Hammer Type

Air inlet: 1/4"    

1 x NC-4216 complete with blow moulded case containing:

1 x 9,10,11,13,14,17,19,22,24 and 27 mm Sockets

1 x 5" Impact Extension

1 x Allen Key 4mm

1 x Mini Oiler 1/4" Female and 1/4" Male

1 x 1/4" Coupler Probe

- Durable **Twin Hammer** impact mechanism
- Lightweight composite material body – just 2 kg
- Multi-function lever switch – controls both direction and speed precisely
- Integrated cylinder and rear end plate enables stable powerful output
- Handle exhaust reduces noise and directs air away from the working area
- Ergonomic composite handle designed for operator comfort



Composite Material

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-4233K	1/2	3/4 (19)	200-500 (271-678)	850 (1152)	6500	4.4 (124)	90 (6.3)	9-11/16 (246)	4.6 (2.1)	3/8	85.0	3.8
NC-4216K	1/2	5/8 (16)	180-400 (244-542)	650 (881)	9000	4.2 (119)	90 (6.3)	7-3/4 (195)	4.4 (2.0)	3/8	93.9	4.5



NC-4213K

1/2" Drive – 15 pieces

Twin Hammer Type

Air inlet: 1/4"    

1 x NC-4213 complete with blow moulded case containing:

1 x 9,10,11,13,14,17,19,22,24 and 27 mm Sockets

1 x 5" Impact Extension

1 x Allen Key 4mm

1 x Mini Oiler 1/4" Female and 1/4" Male

1 x 1/4" Coupler Probe

- Durable **Twin Hammer** impact mechanism
- Non-slip grip for improved comfort and ergonomics
- Handle exhaust directs air away from work area
- Common applications include tyre lanes, heavy automotive and HGV work



NC-4217K

1/2" Drive – 15 pieces

Twin Hammer Type

Air inlet: 1/4"    

1 x NC-4217 complete with blow moulded case containing:

1 x 9,10,11,13,14,17,19,22,24 and 27 mm Sockets

1 x 5" Impact Extension

1 x Allen Key 4mm

1 x Mini Oiler 1/4" Female and 1/4" Male

1 x 1/4" Coupler Probe

- Durable **Twin Hammer** impact mechanism
- Forward / Reverse and speed can be controlled simultaneously with multi-function switch
- Rubber grip for operator comfort
- Common applications include automotive service and tyre lanes



	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NC-4213K	1/2	5/8 (16)	180-400 (244-542)	600 (813)	6500	4.2 (119)	90 (6.3)	7-3/16 (182)	6.2 (2.8)	3/8	91.0	3.8
NC-4217K	1/2	5/8 (16)	150-320 (203-434)	400 (542)	7000	4.2 (119)	90 (6.3)	7-1/4 (184)	5.6 (2.5)	3/8	92.1	3.7

Air Ratchet Wrenches



NE-211 / NE-311

1/4" Drive & 3/8" Drive
Air Ratchet Wrench

Air inlet: 1/4"  



- NE-211 – 1/4" Drive / NE-311 – 3/8" Drive
- High speed revolution (RPM) allows for fast positioning
- Compact and lightweight – ideal for confined working environments
- Maximum torque: 18 ft-lbs (24 Nm)



NE-321 / NE-421

3/8" Drive & 1/2" Drive
Air Ratchet Wrench

Air inlet: 1/4"  



- NE-321 – 3/8" Drive / NE-421 – 1/2" Drive
- High speed revolution (RPM) allows for fast positioning
- Compact and lightweight – ideal for confined working environments
- Ultimate torque: 50 ft-lbs (68 Nm)



NE-251 / NE-351

1/4" Drive & 3/8" Drive Stubby
Air Ratchet Wrench

Air inlet: 1/4"   



- NE-251 – 1/4" Drive / NE-351 – 3/8" Drive
- Ratchet head has easy to use Forward / Reverse valve
- Ideal for confined working conditions
- Common applications include body shop repair, small engine and under-the-dashboard work



NE-462

1/2" Drive (Pin-Clutch Type)
Air Ratchet Wrench

Air inlet: 1/4"   



- Pin-clutch designed mechanism generates 100 Nm torque output
- Fasten-to-Stop design provides comfortable feel

	Square Drive inch	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NE-211	1/4	5-15 (6.7-20)	18 (24)	240	3.0 (85)	90 (6.3)	8 (205)	1.3 (0.59)	3/8	89.6	3.9
NE-311	3/8	5-15 (6.7-20)	18 (24)	240	3.0 (85)	90 (6.3)	8 (205)	1.3 (0.59)	3/8	88.8	4.6
NE-321	3/8	10-35 (13.5-47)	50 (68)	160	4.0 (113)	90 (6.3)	10-3/8 (265)	2.3 (1.04)	3/8	91.0	3.9
NE-421	1/2	10-35 (13.5-47)	50 (68)	160	4.0 (113)	90 (6.3)	10-3/8 (265)	2.3 (1.04)	3/8	92.8	4.6
NE-251	1/4	5-15 (6.7-20)	22 (30)	350	3.0 (85)	90 (6.3)	5 (125)	1.1 (0.50)	3/8	89.0	4.4
NE-351	3/8	5-15 (6.7-20))	22 (30)	350	3.0 (85)	90 (6.3)	5 (125)	1.1 (0.50)	3/8	89.0	4.4
NE-462	1/2	10-55 (13.5-5-74)	74 (100)	200	4.0 (113)	90 (6.3)	13 (330)	4.1 (1.88)	3/8	84.0	2.5



NE-0357

3/8" Drive – 57 pieces

Air Ratchet Wrench Kit

Air inlet: 1/4"    

- 1 x NE-352
- 7 x 1/4" Drive Sockets: 4,5,6,7,8,9,10 mm
- 6 x 3/8" Drive Sockets: 11,12,13,14,15,17 mm
- 40 x 1/4" Bits
- 1 x 3/8" Extension Bar
- 1 x 1/4" Hex Size Shank Driver
- 1 x Plug (Adaptor)

- High speed revolution (RPM) allows for fast positioning
- Compact and lightweight – ideal for confined working environments
- 57 piece kit in a convenient blow moulded case



NE-0413

1/2" Drive Thru-Hole – 13 pieces

Air Ratchet Wrench Kit

Air inlet: 1/4"    

- 1 x NE-461
- 8 x 3/4" Hex Thru-Hole Sockets: 8,9,10,12,13,14,17, 19 mm (NE-0413)
- 1 x 3" Extension Bar
- 2 x Adapters - 3/8" & 1/2"
- 1 x Plug (Adapter)

- Unique Thru-Hole design
- Ideal for threaded bar assemblies
- Convenient forward and reverse tab
- Composite grip
- 3-in-1 design – 3/8"-1/2" Thru-Hole



	Square Drive inch	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NE-0357	3/8	5-15 (6.7-20)	20 (30)	350	3.0 (85)	90 (6.3)	5 (125)	1.1 (0.50)	3/8	89.0	4.4
NE-0413	1/2	10-65 (13.5-88)	100 (135)	180	4.0 (113)	90 (6.3)	10-3/8 (270)	2.6 (1.20)	3/8	83.0	2.3

Air Impact Ratchet



HEAVY DUTY
AIR TOOLS



NE-499N

1/2" Drive – 11 pieces
Air Impact Ratchet

Air inlet: 1/4"    

- 1 x NE-499N kit containing:
9 x 9,10,11,13,14,17,19,22,24 mm
Stubby Impact Six Points Sockets
1 x 1/4" Plug



- Low profile 1/2" impact ratchet at only 67mm
- High speed run up (7500 RPM)
- Ideal for confined spaces
- Powerful impact mechanism (339 Nm)
- Convenient forward and reverse ring
- Composite grip

	Square Drive inch	Bolt Capacity inch (mm)	Torque Range ft-lb (Nm)	Max Torque ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
NE-499N	1/2	9/16 (14)	50-150 (68-203)	250 (339)	7500	2.45 (69.4)	90 (6.3)	13-3/8 (340)	4.0 (1.83)	3/8	93.0	9.9



QA-111A Metric QA-111B Imperial

Air Die Grinder

Air inlet: 1/4"   



- High speed
- Handy, ergonomic design provides excellent manoeuvrability
- Speed regulator allows precise speed control



QA-211A Metric QA-211B Imperial

Air Die Grinder

Air inlet: 1/4"   



- High speed
- Handy and ergonomic design provides excellent manoeuvrability
- 0.9 hp high power motor efficiently handles the toughest jobs



QA-313A Metric QA-313B Imperial

Air Die Grinder

Air inlet: 1/4"   



- Handy, ergonomic design provides excellent manoeuvrability
- Speed regulator allows precise speed control
- Equipped with 3" extended working shaft



QA-315A Metric QA-315B Imperial

Air Die Grinder

Air inlet: 1/4"   



- Handy, ergonomic design provides excellent manoeuvrability
- Speed regulator allows precise speed control
- Equipped with 5" extended working shaft

	Collet Drive A mm	Collet Range B inch	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QA-111	6 & 3	1/4 & 1/8	25000	10.0 (283)	90 (6.3)	6 (155)	0.3	0.80 (0.38)	3/8	81.5	1.8
QA-211	6 & 3	1/4 & 1/8	20000	10.0 (283)	90 (6.3)	7-1/2 (190)	0.9	1.40 (0.65)	3/8	75.7	0.8
QA-313	6 & 3	1/4 & 1/8	25000	10.0 (283)	90 (6.3)	9-1/4 (235)	0.3	1.20 (0.58)	3/8	81.5	1.8
QA-315	6 & 3	1/4 & 1/8	25000	10.0 (283)	90 (6.3)	11 (280)	0.3	1.39 (0.63)	3/8	81.5	1.8



QA-141A Metric

Air Die Grinder

Air inlet: 1/4"   



- Durable iron housing
- Front exhaust to clear work area
- High speed (24000 RPM)
- Ideal for the toughest working environments



QA-611A Metric QA-611B Imperial

90° Air Die Grinder

Air inlet: 1/4"  



- Handy, ergonomic design provides excellent manoeuvrability
- 90° working angle provides wide flexibility in confined areas
- High speed (19000 RPM)



QA-632QA

97° Air Die Grinder

Air inlet: 1/4"   



- 97° to improve operator comfort
- Inline air motor to improve durability
- High speed (22000 RPM)
- Composite grip
- Powerful 0.3 hp motor
- Low noise at only 75 dBA



QB-812

Air Eraser

Air inlet: 1/4"    



- Low speed (4000 RPM)
- Composite grip
- Lever lock safety trigger
- Rear exhaust
- Ideal for low speed polishing, sanding and surface preparation

	Collet Drive A mm	Collet Range B inch	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QA-141	6 & 3	-	24000	14.0 (396)	90 (6.3)	6-11/16 (170)	0.4	1.30 (0.60)	3/8	75.0	2.5
QA-611	6 & 3	1/4 & 1/8	19000	10.0 (283)	90 (6.3)	6-1/8 (160)	0.3	1.12 (0.51)	3/8	74.4	1.7
QA-632Q	6 & 3	-	22000	10.0 (283)	90 (6.3)	7 (160)	0.3	1.12 (0.51)	3/8	75.0	2.5
QB-812	-	-	4000	10.0 (283)	90 (6.3)	8-7/8 (225)	0.5	1.70 (0.80)	3/8	75.0	0.87

Air Die Grinder Kit



QA-0215A/B

1/4" Air Die Grinder Kit –
15 pieces

Air inlet: 1/4"



- 1 x Air Die Grinder (QA-211)
- 2 x Collets (3mm - 6mm or 1/8" - 1/4")
- 2 x Spanner Wrenches
- 5 x Grinder Stones (3mm or 1/8")
- 5 x Grinder Stones (6mm or 1/4")
- 1 x Plug (adaptor)

GRINDER STONE SETS

QB-9211 – 5 pieces **QB-9213** – 5 pieces



3mm Shank

6mm Shank

See page 29 for tool specifications

HEAVY DUTY
AIR TOOLS

Micro Air Die Grinders



QA-421

Micro Air Die Grinder

Air inlet: 1/4"



- Cushion handle grip provides non-slip surface
- Rust-free stainless steel front housing
- Ideal for machining dies, moulds or other restricted grinding applications



QA-441

Heavy Duty
Micro Air Die Grinder

Air inlet: 1/4"



- Heavy duty 3mm pencil grinder
- Comfortable handle allows for smooth operation
- Rust-free stainless steel front housing
- Ideal for machining dies, moulds or other restricted grinding applications



QA-511

Engraving Pen

Air inlet: 1/4"



- Comfortable handle allows for smooth operation
- Longer lifetime and lower vibration
- Rust-free stainless steel front housing

	Collet Size inch (mm)	Free Speed RPM	Blow Per Minute BPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Hose Length mm	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QA-421	1/8 (3)	60000	—	2.7 (76)	90 (6.3)	6 (150)	1500	0.49 (0.22)	3/8	70.0	0.5
QA-441	1/8 (3)	60000	—	2.0 (56)	90 (6.3)	5-5/16 (135)	1500	0.46 (0.21)	3/8	71.0	1.0
QA-511	—	—	13000	1.0 (29)	90 (6.3)	5-1/2 (140)	1420	0.5 (0.23)	3/8	78.0	0.6

Air Angle Grinders

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QB-114 / QB-115

Air Angle Grinder – Lever Type Throttle

Air inlet: 1/4"   

QB-114 4" (100mm)

QB-115 5" (125mm)



- Front exhaust
- Powerful 0.78 hp motor provides sufficient power for most grinding needs
- Strengthened alloy steel bevel gears dramatically improve performance and durability
- Comfortable ergonomic handle with non-slip grip



QB-7145 / QB-7115

Air Angle Grinder – Lever Type Throttle

Air inlet: 1/4"   

QB-7145 4-1/2" (115mm)

QB-7115 5" (125mm)



- 4-1/2" (115mm) or 5" (125mm)
- 1.3 hp motor for stall resistance
- One piece housing
- Heavy duty air cooled spiral gears and double bearings for durability
- 360° adjustable exhaust



QB-124 / QB-125

Air Angle Grinder – Lever Type Throttle

Air inlet: 1/4"   

QB-124 4" (100mm)

QB-125 5" (125mm)



- Powerful 0.8 hp motor provides sufficient power for most grinding requirements
- Composite material housing reduces the weight and improves comfort of operation



QB-117

Air Angle Grinder – Lever Type Throttle

Air inlet: 3/8"   



- 7" (178mm)
- Powerful 1.0 hp motor provides plenty of power for rust and material removal
- Unique motor controller (governor) virtually eliminates over speed

Grinding discs not included – see pages 86-89

	Pad Diameter inch (mm)	Spindle Size inch	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QB-114	4 (100)	3/8-24	11000	6.0 (170)	90 (6.3)	9 (230)	0.78	4.0 (1.81)	3/8	87.8	1.2
QB-115	5 (125)	3/8-24	11000	6.0 (170)	90 (6.3)	9 (230)	0.78	4.0 (1.81)	3/8	87.1	1.2
QB-7145	4-1/2 (115)	M14x2.0	11000	4.2 (119)	90 (6.3)	9-1/8 (232)	1.30	4.0 (1.81)	3/8	90.0	1.2
QB-7115	5 (125)	M14x2.0	11000	4.2 (119)	90 (6.3)	9-1/8 (232)	1.30	4.0 (1.81)	3/8	90.0	1.2
QB-124	4 (100)	3/8-24	11000	6.0 (170)	90 (6.3)	9 (230)	0.80	3.8 (1.73)	3/8	85.7	1.2
QB-125	5 (125)	5/8-11	11000	6.0 (170)	90 (6.3)	9 (230)	0.80	3.9 (1.78)	3/8	87.0	1.2
QB-117	7 (178)	—	7000	9.0 (255)	90 (6.3)	13-1/2 (343)	1.0	7.1 (3.24)	1/2	89.7	1.0



QB-179

Air Angle Vertical Grinder – Lever Type Throttle

Air inlet: 1/2"   



- 9" (230mm)
- Specially coated body for improved durability
- Over run governor fitted
- 2 stage lever lock safety trigger
- Comfortable dual handle operation
- Powerful 3.8 hp motor design



HEAVY DUTY
AIR TOOLS



QB-197Q

Air Angle Grinder – Lever Type Throttle

Air inlet: 3/8"   



- 7" (178mm)
- Under 80 dBA
- Dual handle to improve operator safety and comfort
- Powerful 2.2 hp motor
- Wide pneumatic spectrum, perfect for automotive or industrial applications



QB-177

Air Angle Grinder – Lever Type Throttle

Air inlet: 3/8"   



- 7" (178mm)
- Specially coated body for improved durability
- Over running governor and security trigger fitted
- 5/8-11 spindle thread
- Rubber handle grip
- Powerful 2 hp motor

Grinding discs not included – see page 86-89

	Pad Diameter inch (mm)	Spindle Size inch	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QB-179	9 (230)	5/8-11	6000	7.0 (198)	90 (6.3)	11 (279)	3.8	13.2 (6.0)	3/4	86.0	2.1
QB-197Q	7 (178)	5/8-11	7000	6.0 (170)	90 (6.3)	13-15/16 (353)	2.2	6.8 (3.1)	3/8	77.0	1.5
QB-177	7 (178)	5/8-11	7600	6.0 (170)	90 (6.3)	11-13/16 (170)	2.0	7.26 (3.3)	3/8	92.0	2.7



HEAVY DUTY
AIR TOOLS



QC-213

Heavy Duty Air Cut-Off Tool (Wheel Size 3")

Air inlet: 1/4"    

Note: Cutting wheel is supplied



- 0.9 hp high power motor
- Casted aluminum housing for longer lifetime
- Excellent for cutting rusted bolts, nuts, motor exhaust clamps or hangers, sheet metal, fibreglass etc
- Supplied complete with cutting disc



QC-234

Heavy Duty 4" Air Cut-Off Tool

Air inlet: 1/4"    

Note: Cutting wheel is supplied



- 0.9 hp high power motor efficiently handles the toughest jobs
- Excellent for cutting rusted bolts, nuts, motor exhaust clamps or hangers, sheet metal, fibreglass etc
- Supplied complete with cutting disc



QC-213-31

3" Cut-off Disc

For replacement cutting discs – see page 86

	Wheel Size inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QC-213	3 (75)	20000	10.0 (283)	90 (6.3)	7-7/8 (200)	0.9	1.9 (0.86)	3/8	80.2	10.8
QC-234	4 (100)	16000	10.0 (283)	90 (6.3)	14 (355)	0.9	3.5 (1.59)	3/8	85.0	5.0



QG-102

Air Shear – Straight Type

Air inlet: 1/4" 



- Ideal for cutting sheet aluminum up to 1.5mm, steel up to 1.2mm and stainless steel up to 1.0mm
- Heat treated shear blades
- Common applications include cutting auto panels and sheet steel such as tin, steel and aluminium



QG-202

Air Shear – Pistol Type

Air inlet: 1/4" 



- Composite body and rubber handle offers non-slip grip and insulates hand from cold housing
- Ideal for cutting sheet aluminum up to 1.5mm, steel up to 1.2mm and stainless steel up to 1.0mm
- Heat treated shear blades
- Common applications include cutting auto panels and sheet steel such as tin, steel and aluminium



QG-103

Air Nibbler

Air inlet: 1/4"  



- Rear exhaust reduces noise level
- Ergonomic handle for user comfort
- Integrated regulator for precise cutting
- Ideal for tin and aluminum up to 1.5mm



PN-150

Air Punch & Flange Tool

Air inlet: 1/4"  



- 2-in-1 operation punch/flange tool
- 360° rotating head switches from punch to flange
- Powerful 5mm punch
- Ideal for panel and body work
- 1.6mm steel capacity
- Rubber grip for operator comfort

	Strokes Per Minute SPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²	Cut Capacity mm
QG-102	2600	6.0 (170)	90 (6.3)	10 (254)	2.2 (1.0)	3/8	85.8	2.4	1.6
QG-202	2600	6.5 (184)	90 (6.3)	8-1/4 (210)	2.43 (1.1)	3/8	89.1	2.9	1.6
QG-103	2600	3.0 (85)	90 (6.3)	7-3/5 (193)	2.2 (1.0)	3/8	88.0	2.8	1.5
	Punch Diameter mm	Capacity mm	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
PN-150	5	1.6 (steel)	40 (113)	90 (6.3)	10 (254)	2.5 (1.15)	3/8	62	0.1



QD-291N

Air Saw Set – 22 pieces

Air inlet: 1/4"   

- 1 x Air Saw Tool
- 6 x 24T Saw Blades
- 6 x 32T Saw Blades
- 2 x Allen Keys: 4mm, 3mm
- 1 x 1/4" 360° Swivel Adapter
- 5 x File Set
- 1 x Mini Oiler 1/4"

- Quick change saw blade holder allows for easy blade replacement
- 5 piece file set and 12 saw blades included
- Adjustable guard/guide controls depth of cut precisely



QD-221

Air Saw with Hose

Air inlet: 1/4"   



- Quick change saw blade holder allows for easy blade replacement
- 5 pieces file set and 2 saw blades included
- Adjustable guard/guide controls depth of cut precisely
- Excellent for cutting sheet aluminum, plastic and sheet metal up to 1.6mm



QD-321

Air Saw – Low Vibration

Air inlet: 1/4"   



- Designed to reduce vibration
- Streamlined for improved operator ergonomics
- Increased stroke to raise work efficiency
- Specially processed cylinder for increased lifetime

QD-221-32T

32T Saw Blade – Bi-Metal Material



QD-221-24T

24T Saw Blade – Bi-Metal Material



	Strokes Length mm	Strokes Per Minute SPM	Collet Size mm	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QD-291N	10	9000	5.0	4.0 (113)	90 (6.3)	9-1/4 (235)	1.32 (0.6)	3/8	80.0	2.4
QD-221	10	5000	4.0	4.0 (113)	90 (6.3)	9-3/4 (250)	1.76 (0.8)	3/8	81.9	4.1
QD-321	14.5	11000	-	4.5 (113)	90 (6.3)	9-1/4 (235)	1.7 (0.6)	3/8	83.0	2.0



RA-301

Air Screwdriver – Adjustable Clutch
Screw Capacity: M4

Air inlet: 1/4"  



- 1/4" 1800 RPM adjustable clutch screwdriver
- Built-in quick change chuck
- Safety forward/reverse valve
- Handle exhaust directs air away from work area
- Common applications include PVC and wood working assembly
- Equipped with internal torque adjustment
- High speed 13.5 Nm torque capacity



RA-302

Air Screwdriver – Adjustable Clutch
Screw Capacity: M6

Air inlet: 1/4"  



- 1/4" 800 RPM adjustable clutch screwdriver
- Built-in quick change chuck
- Safety forward/reverse valve
- Handle exhaust directs air away from work area
- Common applications include PVC and wood working assembly
- Equipped with internal torque adjustment
- Low speed 16.3 Nm torque capacity



RA-201

Air Impact Screwdriver
Twin Dog Type

Air inlet: 1/4"     



- Pistol impact screwdriver
- Twin dog impact mechanism
- 1/4" Hex quick change bit holder
- Fast and easy operation (10000 RPM)
- Supplied with suspension bail
- Common applications include, furniture and window manufacturing/assembly



QE-231

3/8" Spot Drill & Hook

Air inlet: 1/4"    



- 8mm drill bit included – 6.5 and 10mm drills available
- Adjustable chuck for easy control
- Hook easily removed or installed
- High quality piston improves torque and efficiency,
- Common applications include drilling into oddly shaped objects
- Maximum drill depth: 4.5mm steel, 3.8mm stainless

	Chuck Size inch (mm)	Torque Range ft-lb (Nm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
RA-301	1/4 (6.35)	3.8-10 (5-13.5)	1800	6.0 (170)	90 (6.3)	7-1/2 (190)	2.43 (1.1)	3/8	95.3	4.2
RA-302	1/4 (6.35)	3.8-12 (5-16.3)	800	6.0 (170)	90 (6.3)	9 (226)	2.87 (1.3)	3/8	96.5	2.2
RA-201	1/4 (6.35)	3.7-18.5 (5-25)	10000	9.0 (255)	90 (6.3)	7 (180)	2.65 (1.2)	3/8	93.0	5.3
QE-231	3/8 (10.0)	-	1800	6.5 (184)	90 (6.3)	8 (203)	2.42 (1.1)	3/8	96.5	0.3



QE-331

3/8" Air Reversible Drill
With Keyless Chuck

Air inlet: 1/4"   

- Convenient forward/reverse valve
- Non-slip handle
- Handle exhaust to reduce noise
- 10mm keyless chuck
- Common applications include general maintenance



QE-333

Same features
as above - **With
Keyed Chuck**



QE-342

1/2" Air Drill
With Keyless Chuck

Air inlet: 1/4"   

- 13mm keyless chuck
- Non-slip grip and side handle
- Handle exhaust to reduce noise
- Ideal for general maintenance



QE-344

Same features
as above - **With
Keyed Chuck**



QE-341

1/2" Air Reversible Drill
With Keyless Chuck

Air inlet: 1/4"   

- Convenient forward/reverse valve
- Non-slip handle
- Handle exhaust to reduce noise
- 13mm keyless chuck
- Common applications include general maintenance



QE-343

Same features
as above - **With
Keyed Chuck**



QE-431

3/8" Air Reversible Drill
With Keyless Chuck

Air inlet: 1/4"     

- 10mm keyless chuck
- 2 piece planet gears
- Heavy duty aluminium body
- Handle exhaust
- Common applications include general industrial drilling



QE-433

Same features
as above - **With
Keyed Chuck**



	Chuck Size inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level ms ²
QE-331	3/8 (10)	1800	6.5 (184)	90 (6.3)	8 (203)	2.42 (1.1)	3/8	96.5	0.3
QE-341	1/2 (13)	800	6.5 (184)	90 (6.3)	9 (230)	3.96 (1.8)	3/8	96.5	0.1
QE-342	1/2 (13)	800	6.5 (184)	90 (6.3)	8-1/4 (209)	3.74 (1.7)	3/8	96.5	0.1
QE-431	3/8 (10)	1800	4.0 (112)	90 (6.3)	8-29/32 (226)	2.60 (1.2)	3/8	90.0	3.0



QE-533

**3/8" Air Reversible Drill
With Key Chuck**

Air inlet: 1/4"     



- High speed industrial drill (2200 RPM)
- Convenient forward/reverse switch
- Handle exhaust to reduce noise and direct air away from the operator
- Ideal for industrial applications including reaming, hole sawing and general drilling requiring high torque



QE-543

**1/2" Air Reversible Drill
With Key Chuck**

Air inlet: 1/4"     



- Low speed industrial drill (1100 RPM)
- Convenient forward/reverse switch
- Handle exhaust to reduce noise and direct air away from the operator
- Side handle supplied for complete control
- Ideal for industrial applications including reaming, hole sawing and general drilling requiring high torque



QE-933

**3/8" Air Reversible Straight Drill
With Keyless Chuck**

Air inlet: 1/4"     



- Convenient forward/reverse button and lever
- 10mm keyless chuck
- Rear exhaust
- Ideal for drilling in confined spaces



QE-633

**3/8" 90° Air Reversible Angle Drill
With Keyless Chuck**

Air inlet: 1/4"     



- Convenient forward/reverse button and lever
- 10mm keyless chuck
- Rear exhaust
- Ideal for drilling in confined spaces

QE-98L

**Double Axis Bubble
Spirit Level Gradienter**

- Suits M7 range of air drills



	Chuck Size inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QE-533	3/8 (10)	2200	4.0 (112)	90 (6.3)	9-13/32 (189)	2.70 (1.2)	3/8	90.0	2.0
QE-543	1/2 (13)	1100	4.0 (112)	90 (6.3)	10-55/64 (276)	3.80 (1.7)	3/8	90.0	2.0
QE-933	3/8 (10)	2600	3.0 (85)	90 (6.3)	8-15/32 (215)	2.0 (0.9)	3/8	72.0	2.5
QE-633	3/8 (10)	1600	3.0 (85)	90 (6.3)	8-1/4 (210)	2.4 (1.1)	3/8	72.0	2.5



SC-211C Air Hammer Round Shank

SC-4 Chisel Kit is provided with this tool

Air inlet: 1/4"   



- Spring retainer for simple accessory changing
- Common applications include exhaust work, bolt cutting, panel cutting and general work requiring percussive action



SC-212C Air Hammer Round Shank

SC-222C Air Hammer Hex Shank

SC-4 Chisel Kit is provided with this tool

Air inlet: 1/4"   



- Spring retainer for simple accessory changing
- Common applications include exhaust work, bolt cutting, panel cutting and general work requiring percussive action



SC-0127C

Air Hammer – 7 Pieces Set

Air inlet: 1/4"   



- 1 x Air Hammer
- 5 x Chisel Kits (SC-415)
- 1 x Spring Retainer
- 1 x Blow Moulded Case

- Kit contains SC-211C – features as above



SC-33C Round Shank

SC-34C Hex Shank

Air Hammer attachment easily converts the above to a needle scaler



- 19 high strength needles
- 2 different models suitable for Round or Hex chisels
- Convenient accessory for every tool box

SC-4

175mm Chisel Set

- Flat Chisel
- Cutting Chisel
- Tapered Punch
- Ripping Chisel
- Tail Pipe Cutter



SC-415 - Round / SC-425 - Hex

	Shank	Chuck Size inch (mm)	Blows Per Minute BPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
SC-211C	Round	0.401 (10.2)	3200	4.0 (113)	90 (6.3)	6-7/8 (175)	3.74 (1.7)	3/8	98.0	12.3
SC-212C	Round	0.401 (10.2)	2200	4.0 (113)	90 (6.3)	8-7/8 (225)	4.40 (2.0)	3/8	94.7	13.2
SC-222C	Hex	0.393 (10)	2200	4.0 (113)	90 (6.3)	8-7/8 (225)	4.40 (2.0)	3/8	94.7	13.2



SN-2110

Air Pistol Needle Scaler

Air inlet: 1/4"    



- General purpose needle scaler ideal for surface preparation work
- 19 high strength steel needles for longer life

SN-1268-46

19 Needle Set – 3x180mm



For SN-1268 & SN-2110



SN-1268

Air Needle Scaler

Air inlet: 1/4"    



- General purpose 2-in-1 needle scaler/chipper ideal for surface preparation work
- Adjustable external sleeve to increase needle length
- 19 high strength steel needles for longer life
- Supplied complete with chisel



SN-3121C Air Hammer Hex Shank

Air inlet: 1/2"    



- 0.58 hex chisel holder
- 2500 blows per minute
- Steel forged construction provides industrial level quality and durability
- Designed for easy maintenance and repair
- Supplied complete with tapered chisel



	Needle Diameter mm	Number of Needles inch (mm)	Stroke Length mm	Blows Per Minute BPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
SN-2110	3x180	19	33	3700	15 (424)	90 (6.3)	13 (330)	6.16 (2.8)	3/8	97.0	9.7
SN-1268	3x180	19	28	4600	15 (424)	90 (6.3)	18-1/8 (460)	6.16 (2.8)	3/8	91.0	13.7
	Shank	Stroke Length mm	Chuck Size inch (mm)	Blows Per Minute BPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
SN-3121C	Hex	75.0	0.58 (14.8)	2500	10.0 (283)	90 (6.3)	15-1/2 (395)	15.4 (7.0)	1/2	115.3	8.0

Air Hydraulic Riveters

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2-YEAR WARRANTY



PA-201

1/4" Air Hydraulic Riveter

Air inlet: 1/4"   



- Mirror polished cylinder and piston provides less friction and allows the rivet to release quickly
- Performs well at any angle and gets into hard-to-reach areas
- Powerful, durable, high speed production tool
- Supplied complete with 2.4, 3.2, 4.0, 4.8, 6.0 and 6.4mm nosepieces



PA-301

3/16" Air Hydraulic Riveter

Air inlet: 1/4"   



- Quick release air valve permits cylinder to return quickly for high speed assembly operations and prevents overloading for durability
- Quick, quiet and comfortable operation reduces operator fatigue
- Supplied complete with 2.4, 3.2, 4.0 and 4.8mm nosepieces



PB-1310

Air Rivet Nut Tool

Air inlet: 1/4"   



- Automatic mechanism for fast operation
- Quick release design to change mandrel
- Two trigger design allowing quick forward/reverse operation
- Excellent for mass production line and general manufacturing



PB-2402

Air Hydraulic Nut Setter

Air inlet: 1/4"  



- Excellent for mass production line and general manufacturing
- Mandrels supplied with tools M4 to M10
- Superior quality
- Easy to maintain

	Traction Power lb-ft (kg-ft)	Free Speed RPM	Stroke Length mm	Capacity mm	Average Air Consumption l/cycle	Air Pressure PSI (Bar)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
PA-201	3534 (1603)	-	14	2.4-6.4	2.32	90 (6.3)	3.9 (1.80)	3/8	79.7	0.5
PA-301	2303 (1045)	-	16	2.4-4.8	1.48	90 (6.3)	3.3 (1.50)	3/8	79.7	0.3
PB-1310	3748 (1700)	400	-	M8 - M10	7.8	90 (6.3)	2.79 (1.74)	3/8	86.0	1.6
PB-2402	3638 (1650)	-	9	Steel M4~M10 Stainless M4~M8	1.50	90 (6.3)	3.41 (1.55)	3/8	82.0	0.8

PA-9064

6.35 (1/4") Riveter Adaptor



PA-9006

M6 Rivet Nut Adaptor



PA-9010

M10 Rivet Nut Adaptor



Technical Data

PA-9064

Dimensions	59mm x 173mm (2-11/32" x 6-3/4")
Net Weight	330g / 0.73 lbs
Gross Weight	500g / 1.10 lbs
Nosepiece	3.2mm (1/8"), 4.0mm (5/32")
Nosepiece	4.8mm (3/16"), 6.4mm (1/4")
Hex Shank	1/4" (6.35mm)
Cordless Drill	14.4V, 18V
Cordless Drive	14.4V, 18V
Reversible Electric	1/2" Drill
Reversible Pneumatic	1/2" Drill
Minimum Torque Strength	50 Nm = 37 ft/lbs
Maximum RPM	1,000 RPM
1. Hex Shank	1/4" (6.35mm)
2. Housing	PA+GF
3. Nosepiece	3.2, 4.0, 4.8, 6.4mm
4. Sight Window	Blind Rivet Loading
5. Wrench	1 piece
6. Handle	1 piece

PA-9006

Dimensions	59mm x 172mm (2-11/32" x 6-25/32")
Net Weight	280g / 0.62 lbs
Nosepiece	M3 M4 M5 M6
Cordless Drill	M3 M4 M5 M6
Hex Shank	1/4" (6.35mm)
Cordless Drill	12V 14.4V
Cordless Drive	12V 14.4V
Reversible Electric	Drill (Advice 500W)
Reversible Pneumatic	Drill (Advice 3/8")
Minimum Torque Strength	15 Nm / 11 ft/lbs
Maximum RPM	1000 RPM

PA-9010

Dimensions	59mm x 180mm (2-11/32" x 7-3/32")
Net Weight	350g / 0.77 lbs
Nosepiece	M6 M8 M10
Cordless Drill	M6 M8 M10 (only Aluminum)
Hex Shank	1/4" (6.35mm)
Cordless Drill	14.4V
Cordless Drive	18V
Reversible Electric	Drill (Advice 500W)
Reversible Pneumatic	Drill (Advice 1/2")
Minimum Torque Strength	100 Nm / 73.7 ft-lbs
Maximum RPM	800 RPM



QB-48 (JITTERBUG SANDER)

**Air Random Orbital Sander
Non-Vacuum**

Air inlet: 1/4" 



- Random orbit, non vacuum
- Elastic mechanism for durability and longer lifespan
- 100 x 110mm pad
- Lower body with low profile design



QB-45

**Air Random Orbital Sander
Central Vacuum**

Air inlet: 1/4"   



- Convenient air / speed regulator
- Rubber palm grip allows for a one-hand operation
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad with 6 holes
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc



QB-46

**Air Random Orbital Sander
Non-Vacuum**

Air inlet: 1/4"   



- Convenient air / speed regulator
- Rubber palm grip allows for a one-hand operation
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc



QB-47

**Air Random Orbital Sander
Self-Generating Vacuum**

Air inlet: 1/4"   



- Convenient air / speed regulator
- Rubber palm grip allows for a one-hand operation
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad with 6 holes
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc
- Supplied with bag and hoses

	Pad Diameter inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²	Orbit mm
QB-48	4x4-3/8 (100x110)	11000	7.0 (198)	90 (6.3)	5-1/5 (130)	0.28	2.0 (0.91)	3/8	83.0	1.5	2.5
QB-45	6 (152)	10000	3.85 (109)	90 (6.3)	7-1/2 (193)	0.24	1.85 (0.84)	3/8	81.6	2.2	5
QB-46	6 (152)	10000	3.85 (109)	90 (6.3)	6-1/2 (153)	0.24	1.74 (0.79)	3/8	80.1	2.2	5
QB-47	6 (152)	10000	3.85 (109)	90 (6.3)	7-1/2 (193)	0.24	2.49 (1.13)	3/8	84.7	2.2	5



QB-41

**Air Random Orbital Sander
Central Vacuum**

Air inlet: 1/4"    



- Central vacuum
- Rubber palm grip
- Lightweight cast aluminium housing for durability
- Leak-proof rubber shroud provides maximum vacuum
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad with 6 holes



QB-42

**Air Random Orbital Sander
Non-Vacuum**

Air inlet: 1/4"    



- Non Vacuum
- Rubber palm grip
- Lightweight cast aluminium housing for durability
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad



QB-43

**Air Random Orbital Sander
Self-Generating Vacuum**

Air inlet: 1/4"    



- Self-generating vacuum
- Rubber palm grip
- Lightweight cast aluminium housing for durability
- Leak-proof rubber shroud provides maximum vacuum
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc
- Air hose and vacuum hose are both included
- 3/16" (5mm) orbit for fine finishes
- Hook (Velcro) pad with 6 holes



QB-57

**Air Random Orbital Sander
Central Vacuum**

Air inlet: 1/4"    



- Two-handed aluminium body completely covered with composite materials to provide operator comfort during prolonged use
- Air valve to adjust and control speed
- 3/16" (5mm) orbit for fine finishes
- Excellent for refinishing or smoothing the surface of metal, wood, leather etc
- Hook (Velcro) pad with 6 holes

	Pad Diameter inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²	Orbit mm
QB-41	6 (152)	10000	3.85 (109)	90 (6.3)	8 (206)	0.24	2.00 (0.91)	3/8	81.5	1.2	5
QB-42	6 (152)	10000	3.85 (109)	90 (6.3)	6-1/2 (153)	0.24	1.85 (0.84)	3/8	74.4	1.4	5
QB-43	6 (152)	10000	3.85 (109)	90 (6.3)	8-3/4 (221)	0.24	3.30 (1.54)	3/8	83.0	1.4	5
QB-57	6 (152)	10000	3.10 (88)	90 (6.3)	9-7/16 (240)	0.40	2.60 (1.20)	3/8	80.0	1.3	5

Air Pistol Sander/Polisher



QP-113

Air Pistol Sander

Air inlet: 1/4"  



- Pistol Sander (2.5mm) orbit
- Ergonomic cushion-grip handle
- Low noise – 74 dBA
- Speed can be adjusted
- 360° air inlet swivel
- Lightweight, compact and portable
- Ideal for spot repair and delicate finishing



QP-123

Air Pistol Polisher

Air inlet: 1/4"  



- Pistol Polisher
- 2100 RPM
- Low noise – 74 dBA
- Ergonomic cushion-grip handle
- Speed can be adjusted
- 360° air inlet swivel
- Lightweight, compact and portable
- Ideal for mag wheel cleaning and general automotive polishing

PADS & SPONGES

Air Pistol Sander / Polisher – Accessories

QB-9403
Rough 3"
For QP-113

QB-9323
3" Pad

QB-9413
Medium 3"
For QP-123



	Pad Diameter inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²	Orbit mm
QP-113	3 (76)	15000	3.5 (99)	90 (6.3)	5 (127)	0.40	1.58 (0.72)	3/8	74.0	0.3	2.5
QP-123	3 (76)	2100	3.5 (99)	90 (6.3)	5-5/16 (135)	0.40	1.69 (0.77)	3/8	74.0	0.3	-



QB-311

Air Belt Sander – 10mm

Air inlet: 1/4"    



- 10mm belt – can be easily changed
- Belt automatically adjusts to correct position
- Belt shroud protects hands
- Rubber handle offers non-slip grip and insulates hands from cold housing
- Common applications include sanding and smoothing of welds, paint, rust and deburring removal



QB-312

Air Belt Sander – 20mm

Air inlet: 1/4"    



- 20mm belt – can be easily changed
- Belt automatically adjusts to correct position
- Long belt shroud protects hands
- Rubber handle offers non-slip grip and insulates hands from cold housing
- Common applications include sanding and smoothing of welds, paint, rust and deburring removal



QB-324

Air Belt Sander– 12.7mm Extended

Air inlet: 1/4"    



- 12.7mm extended belt – can be easily changed
- Adjustable belt speed control regulator
- Belt automatically adjusts to correct position
- Rubber handle offers non-slip grip and insulates hands from cold housing
- Common applications include sanding and smoothing of welds, paint, rust and deburring removal in difficult-to-access locations

For replacement sanding belts – see page 68 or 87

	Belt Size inch (mm)	Free Speed RPM	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QB-311	3/8x13 (10x330)	16000	8.0 (226)	90 (6.3)	11-1/2 (290)	1.76 (0.80)	3/8	89.7	0.5
QB-312	3/4x19 (20x520)	16000	9.0 (254)	90 (6.3)	14 (360)	2.65 (1.20)	3/8	91.8	0.4
QB-324	1/2x24 (12.7x610)	16000	4.0 (113)	90 (6.3)	18 (445)	2.4 (1.10)	3/8	88.0	1.1

HEAVY DUTY
AIR TOOLS

SB-201

Digital Tyre Inflator

Air inlet: 1/4"



- 360° digital display in Bar
- Supplied with euro probe
- Tyre deflation button
- 300mm flexible hose

SB-501

Tyre Inflator

Air inlet: 1/4"



- Heavy duty tyre inflator designed for forecourt use
- Pressure range 0-160 PSI (11 Bar)
- Twin hold-on valve
- Spring reinforced hose for durability



QK-111

Air Windshield Remover

Air inlet: 1/4"  



- Rear exhaust and extended muffler tube reduces noise and air pollution
- Lower vibration minimises user fatigue for longer operation
- Lower components wear rate prolongs durability
- Blade can be mounted in 12 different ways for user convenience



SG-400

Air Grease Gun

Air inlet: 1/4"   



- Heavy duty cast aluminium for maximum durability
- Output volume 288 LPM
- Working pressure 40-96 PSI

	Maximum Pressure PSI (Bar)	Air Consumption at 100 PSI CFM (l/min)	Air Inlet inch	Air Pressure PSI (Bar)	Net Weight lbs (kg)	Air Hose inch	Nozzle Length cm	Nozzle
SB-201	160 (11.0)	1.41	1/4	90 (6.3)	0.70 (0.32)	3/8	30	Tyre Valve Clip
SB-501	160 (11.0)	1.41	1/4	90 (6.3)	2.92 (1.33)	3/8	30	Dual Valve Push-on
	Oscillation per min	Average Air Consumption CFM (l/min)	Overall Length inch (mm)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²	
QK-111	20000	6.0 (170)	7-5/64 (180)	2.43 (1.1)	10	75	3.9	



QB-0808

Air Surface Cleaning Tool Kit – 10 pieces

Air inlet: 1/4"   

- 1 x Air Surface-Cleaning Tool (QB-802)
- 1 x Eraser Wheel
- 1 x Stripping Wheel
- 1 x Wire Wheel (coarse)
- 1 x Wire Wheel
- 1 x Allen Key 6mm
- 1 x Spanner Wrench
- 1 x 1/4" Plug
- 1 x Adapter Male UNF 5/16"-24
- 1 x Female M6 1.0



	Free Speed RPM	Air Pressure PSI (Bar)	Overall Length inch (mm)	Motor HP	Average Air Consumption CFM (l/min)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
QB-0808	3600	10.6 (300)	90 (6.3)	7-7/8 (200)	0.7	2.6 (1.2)	3/8	86	0.3

HEAVY DUTY
AIR TOOLS

Air Tapping Tool



PC-1012

Air Tapping Tool

Air inlet: 1/4"   



- Built in air regulator
- Handle exhaust
- Low speed and side handle for complete control
- Ideal for thread tapping or cleaning
- Two trigger design for quick forward/reverse operation



Collet	mm	inches
T4	3	1/8
T5	4	5/62
T5.5	5	3/16
T6	6	1/4
T6.2	7	5/16
T7	8	3/8
T8.5	10	7/16

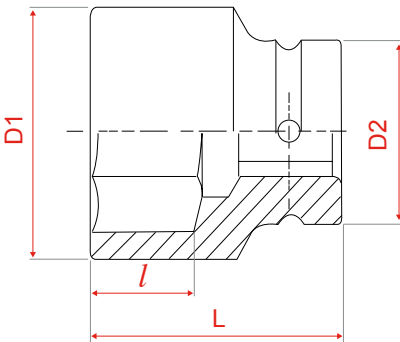
	Capacity			Free Speed RPM	Stroke Length inch (mm)	Average Air Consumption CFM (l/min)	Air Pressure PSI (Bar)	Net Weight lbs (kg)	Air Hose inch	Sound Pressure dBA	Vibration Level m/s ²
	Steel	Copper	Aluminium								
PC-1012	M3-M10	M3-M12	M3-M12	265	10-7/16 (265)	4.0 (113)	90 (6.3)	4.7 (2.1)	3/8	89	1.5

Accessories—Impact Sockets

1/2" MA411M

Impact Standard Socket

- 1/2" drive – standard length
- 6 points
- Metric size

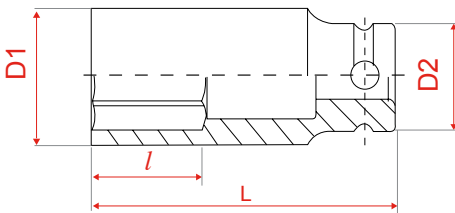


	Diameter mm	D1	D2	l	L	Weight g
MA411M08	8	14	25	7	38	67
MA411M09	9	15	25	7	38	67
MA411M10	10	17	25	8	38	70
MA411M11	11	18	25	8	38	71
MA411M12	12	19	25	9	38	72
MA411M13	13	20	25	10	38	72
MA411M14	14	22	25	10	38	77
MA411M15	15	23	30	11	38	112
MA411M16	16	24	30	11	38	112
MA411M17	17	26	30	12	38	115
MA411M18	18	27	30	13	38	115
MA411M19	19	28	30	13	38	120
MA411M21	21	30	30	14	40	125
MA411M22	22	32	30	14	40	143
MA411M23	23	33	30	15	40	143
MA411M24	24	34	30	15	42	152
MA411M26	26	37	30	15	42	173
MA411M27	27	38	30	16	44	176
MA411M30	30	42	30.5	17	44	201
MA411M31	31	44	30	20.5	46	244
MA411M32	32	46	30	19	44	205

1/2" MA431M

Impact Deep Socket

- 1/2" drive – deep version
- 6 points
- Metric size

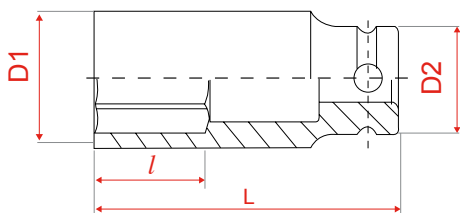


	Diameter mm	D1	D2	l	L	Weight g
MA431M08	8	14	25	12	78	116
MA431M09	9	15	25	12	78	125
MA431M10	10	17	25	12	80	136
MA431M11	11	18	25	13	80	144
MA431M12	12	19	25	14	80	157
MA431M13	13	20	25	14	80	157
MA431M14	14	22	25	14	80	172
MA431M15	15	23	30	16	80	223
MA431M16	16	24	30	16	80	230
MA431M17	17	26	30	16	80	240
MA431M18	18	27	30	17	80	255
MA431M19	19	28	30	18	80	236
MA431M21	21	30	30	20	80	240
MA431M22	22	32	30	22	80	296
MA431M23	23	33	30	24	80	300
MA431M24	24	34	30	24	80	308
MA431M26	26	37	30	27	80	344
MA431M27	27	38	30	27	80	356
MA431M28	28	41	30	27	80	424
MA431M29	29	41	30	27	80	404
MA431M30	30	42	30.5	30	80	416
MA431M32	32	46	30	32	80	510

3/4" MA631M

Impact Deep Socket

- 3/4" drive – deep version
- 6 points
- Metric size

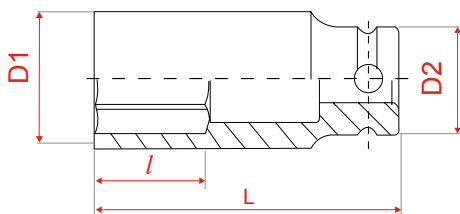


	Diameter mm	D1	D2	<i>l</i>	L	Weight g
MA631M19	19	32	44	20	90	558
MA631M21	21	35	44	21	90	592
MA631M22	22	36	44	21	90	607
MA631M23	23	37	44	23	90	607
MA631M24	24	38	44	23	90	626
MA631M25	25	40	44	25	90	661
MA631M26	26	40	44	25	90	623
MA631M27	27	42	44	27	90	623
MA631M28	28	44	44	27	90	670
MA631M29	29	45	44	27	90	670
MA631M30	30	46	44	27	90	691
MA631M32	32	48	44	30	90	728
MA631M33	33	50	44	30	90	790
MA631M34	34	51	44	30	90	794
MA631M35	35	52	44	32	90	803
MA631M36	36	53	44	32	90	809
MA631M38	38	56	44	34	90	882
MA631M40	40	58	44	34	90	928
MA631M41	41	59	44	34	90	938
MA631M42	42	61	44	36	95	1074
MA631M43	43	62	44	38	95	1103
MA631M44	44	64	44	38	95	1180
MA631M46	46	66	44	38	95	1210
MA631M48	48	68	54	40	95	1391
MA631M50	50	71	54	40	95	1479

1" MA831M

Impact Deep Socket

- 1" drive – deep version
- 6 points
- Metric size



	Diameter mm	D1	D2	<i>l</i>	L	Weight g
MA831M24	24	41	54	21	90	850
MA831M27	27	44	54	26	90	879
MA831M28	28	45	54	26	90	892
MA831M30	30	48	54	30	90	916
MA831M32	32	51	54	30	90	979
MA831M33	33	52	54	30	92	1016
MA831M34	34	53	54	30	92	1029
MA831M35	35	54	54	30	92	1016
MA831M36	36	56	54	32	92	1033
MA831M38	38	58	54	36	92	1025
MA831M40	40	60	54	36	92	1075
MA831M41	41	61	54	38	92	1083
MA831M42	42	64	54	38	92	1100
MA831M46	46	68	54	42	95	1137
MA831M50	50	73	54	42	95	1518
MA831M52	52	75	54	45	100	1637
MA831M54	54	78	54	45	100	1750
MA831M55	55	79	54	47	100	1862
MA831M58	58	83	54	47	100	1925
MA831M60	60	86	54	47	100	2050

Accessories—Impact Sockets



MB45010M

1/2" Drive Deep Impact Socket Set – 10 pieces

Contents

10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 21mm, 24mm, 27mm



MB65008M

3/4" Drive Deep Impact Socket Set – 8 pieces

Contents

26mm, 27mm, 29mm, 30mm, 32mm, 33mm, 35mm, 36mm



MB44008M

1/2" Drive SAE Impact Hex Driver Set – 8 pieces

Contents

H6, H7, H8, H10, H12, H14, H17, H19



MA42015

1/2" Drive Stubby Impact Socket Set – 15 pieces

Contents

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 23mm, 24mm



MA4030

1/2" Drive Deep Impact Socket Set – 3 pieces

Contents

17mm, 19mm, 21mm



ME-421-05

1/2" Drive Extension Bar

Length: 5" (125mm)

Weight: 225g



ME-621-06L

3/4" Drive Extension Bar

Length: 6" (150mm)

Weight: 813g

Drive Male Adapter

ME486

Specification: 1/2"F x 3/4"M
D: 30mm, L: 48mm, W: 161g

ME684

Specification: 3/4"F x 1/2"M
D: 44mm, L: 60mm, W: 343g

ME688

Specification: 3/4"F x 1"M
D: 46mm, L: 68mm, W: 437g



Socket Stickers Pack

8704 1/2" Drive

8706 3/4" Drive



ST-10A5

Cabinet with Air Hose Reel



	Length (mm)	Width (mm)	Height (mm)	Qty
CABINET	680	460	810	1
DRAWERS	580	406	75	3
	580	406	150	2
AIR HOSE REEL TYPE	8mm x 12mm x 15m			

ST-20A7A

7 Drawer Work Bench with Air Hose Reel



	Length (mm)	Width (mm)	Height (mm)	Qty
CABINET	1515	500	860	1
	680	460	810	
DRAWERS	580	406	75	5
	580	406	150	2
AIR HOSE REEL TYPE	8mm x 12mm x 15m			

HEAVY DUTY
AIR TOOLS

NC-4230NE

Impact Wrench Combination Tray Kit



- NC-4230: 1/2" Drive Air Impact Wrench Twin Hammer
- NE-432: 1/2" Push Air Ratchet Wrench
- 1/4" Air Adaptor Couplings Male Thread Type
- Mini Socket Set – 13, 17, 19, 22, 24mm

QP-123QP

3" QP-113 & QP-123 Combination Kit



- Air Pistol Sander, 3" Pad Diameter
- QP-113: Air Pistol Sander, 3" Pad Diameter
- QP-123: Air Pistol Polisher, 3" Pad Diameter
- 1/4" Air Adaptor Couplings Male Thread Type
- 3" Sponge (Rough) and 3" Sponge (Medium)

Display Stands

AD-307

Wall Type Display Stand

- 1 x Brand Plate
- 2 x Angled Steel Frame
- 1 x Bottom Shelf
- 4 x Steel Plate with Holes

Width (mm)	Depth (mm)	Height (mm)
900	500	2230



Spare Parts Boxes

SF-306



SF-604



SF-605



	Overall Size (mm)		
	Width	Depth	Height
SF-306	303	106	253
SF-604	603	167	203
SF-605	603	123	153



AD-3501

Tool Fitting Bracket



AD-201

1/2" Drive Socket Shelf

Sockets not included



Overall Size (mm)		
Width	Depth	Height
410	340	270

AD-305

Tower Type Display Stand

- 1 x Display Header
- 2 x Product Support Frames
- 1 x Base Plate



AD-306

Counter Display Stand

- 1 x Transparent Holder
- 2 x Support Frames
- 1 x Bottom Shelf
- 3 x Display Couplings

Overall Size (mm)		
Width	Depth	Height
300	140	340



AD-3601

Tool Fitting Bracket



- LAMP CASE SET
- DISPLAY PILLAR
- BOTTOM PLATE

	Weight (kg)	Length (mm)	Width (mm)	Height (mm)
LAMP CASE SET	5.35	530	510	101
DISPLAY PILLAR	9.00	930	330	180
BOTTOM PLATE	11.45	810	820	70

Choose the right tools for the job

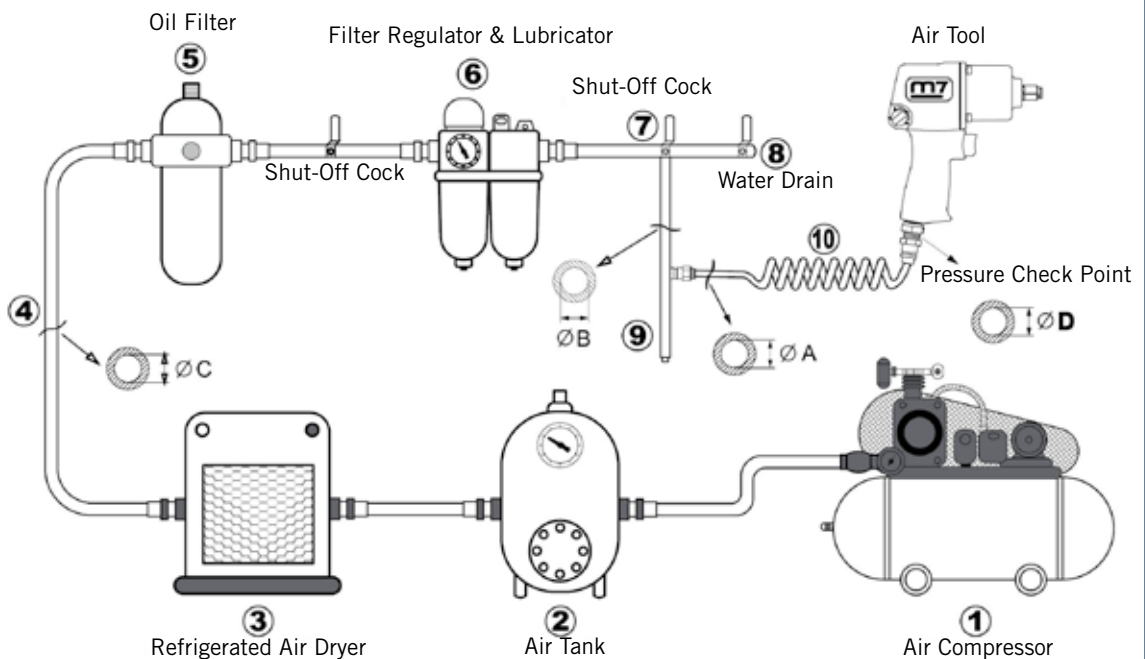
Working environment

- Using these tools in any potentially explosive environment is strictly prohibited
- It is always recommended that these types of tools must be operated when standing on a solid or firm location
- Always use these tools in a well ventilated area
- Slipping, stumbling and falling are the major causes of potential serious injury, therefore, a clean and clutter free surface in the working area before operating the tools is strongly recommended

Air supply and connection requirements

- The maximum recommended air pressure during operation must not exceed 90 PSI (6.3 Bar). Higher air pressure may create unsafe operating conditions for the tool and the user
- The compressed air should be cooled and have a water filter installed at the outlet end of the compressor. Even with a water filter installed, some water may still condense in the piping or hose and will enter the tool mechanism causing premature damage to the tool. Therefore, it is recommended to install an air filter-lubricator device somewhere between the tool and the compressor
- Always use an air compressor of the proper capacity to operate each tool
- Clean the hose with a blast of compressed air before connecting the hose to the air tool. This will prevent both moisture and dust inside the hose from entering the tool and causing possible rust or malfunction

Ideal system connections



Piping diameters and length requirements

The diameter $\varnothing A$ required for the inlet pipe **10** is recommended in the tools specification.

The diameter $\varnothing B$ required for the branch pipe (from **7** to **9**) should be 2 times as large as $\varnothing A$. $\varnothing B = 2 \times \varnothing A$.

The diameter $\varnothing C$ required for the primary air supply (from **1** to **8**) should be 3 times as large as $\varnothing A$. $\varnothing C = 3 \times \varnothing A$.

The length for the inlet pipe **10** should be less than 15 feet (4.5m).



Delivers ...

Quality ✓

Value ✓

Service ✓



Maintenance Tools

Air Impact Wrenches

AT-5031SG

3/8" Air Impact Wrench
Rocking Dog



- Ergonomic rubber grip, handle bottom speed control design
- Horizontal trigger, compressed fit on hammer pin and cage
- Ideal for light duty tyre changing and general assembly work
- Front exhaust

NST-5031F

3/8" Composite Air Impact Wrench
Twin Hammer



- Stubby twin hammer impact mechanism
- Full power in reverse and adjustable 3-position power settings in forwards
- Ergonomic design with protective rubber grip
- Suitable for tyre changing, general assembly work and other workshop applications
- Handle exhaust

AT-5040SG

1/2" Air Impact Wrench
Rocking Dog



- Die cast aluminium body
- Rubber scuff guards on nose and back
- Built-in air regulator varies speed and power
- Suitable for tyre changing, general assembly work and other workshop applications
- Front exhaust

NST-5040F

1/2" Heavy Duty Composite Air Impact Wrench
Twin Hammer



- Heavy duty twin hammer impact mechanism
- Full power in reverse and adjustable 3-position power settings in forwards
- Ergonomic design with protective rubber grip
- Suitable for tyre changing, general assembly work and other workshop applications
- Handle exhaust

For impact sockets – see pages 50-52

	Square Drive inch	Capacity Bolt Drive inch (mm)	Free Speed RPM	Maximum Torque ft-lb (Nm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-5031SG	3/8	3/8 (10)	9000	130 (176)	1/4	3/8	5.5	90 (6.3)	6.77 (172)	5.35 (136)	2.64 (1.19)
NST-5031F	3/8	1/2 (13)	9000	200 (270)	1/4	3/8	5.5	90 (6.3)	7.09 (180)	6.30 (160)	3.31 (1.50)
AT-5040SG	1/2	5/8 (16)	7000	250 (340)	1/4	3/8	8.0	90 (6.3)	8.07 (205)	7.87 (200)	4.80 (2.18)
NST-5040F	1/2	5/8 (16)	7000	500 (680)	1/4	3/8	6.5	90 (6.3)	8.07 (205)	7.28 (185)	5.71 (2.39)

Air Impact Wrenches

AT-231

1/2" Professional Air Impact Wrench Twin Hammer



- Durable twin hammer impact mechanism
- Adjustable power regulator
- Easy-to-service two-piece construction
- Variable speed and high torque
- Suitable for tyre changing, general assembly work and other workshop applications
- Front exhaust

AT-272

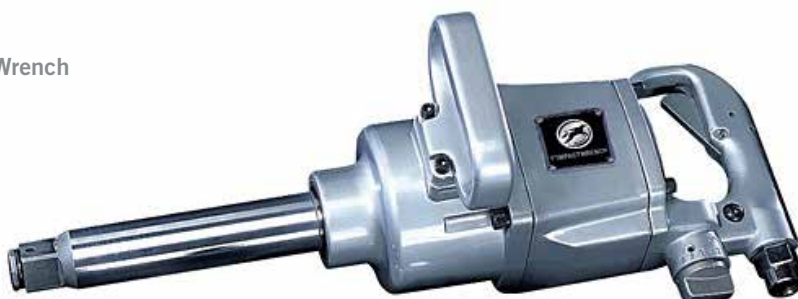
3/4" Professional Air Impact Wrench Twin Hammer



- Durable twin hammer impact mechanism
- Adjustable power regulator
- Easy-to-service two-piece construction
- Variable speed and high torque
- Suitable for tyre changing, general assembly work and other workshop applications
- Front exhaust

AT-285-6

1" Extended Anvil Air Impact Wrench Swing Hammer



- Built-in adjustable speed regulator
- Oil bath lubrication
- Side handle for greater control
- Extended anvil – ideal for HGV tyre fitting
- Greater torque for the toughest jobs
- Ideal for general repair work on trucks, tyres and heavy equipment
- Inside trigger for additional safety
- Side exhaust

For impact sockets – see pages 50-52

	Square Drive inch	Capacity Bolt Drive inch (mm)	Free Speed RPM	Maximum Torque ft-lb (Nm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-231	1/2	5/8 (16)	7000	425 (576)	1/4	3/8	8.0	90 (6.3)	7.28 (185)	7.24 (184)	5.42 (2.46)
AT-272	3/4	1 (25.4)	5000	930 (1300)	3/8	3/8	9.5	90 (6.3)	9.53 (242)	9.25 (235)	5.73 (2.60)
AT-285-6	1	1-3/4 (45.0)	3500	1400 (1900)	1/2	1/2	40.0	115 (8.0)	20.7 (510)	7.05 (179)	27.7 (12.6)

Air Impact Wrench Kit

AT-231K

17 Piece 1/2" Professional Air Impact Wrench Kit

- 1 x 1/2" Professional Air Impact Wrench AT-231
- 10 x Impact Sockets: 9, 10, 11, 13, 14, 17, 19, 22, 24, 27 mm
- 1 x 1/2" Drive x 5" Extension Bar
- 1 x Hex Key Wrench
- 1 x Euro Adaptor
- 1 x Mini Oiler
- 1 x Oil Pot
- 1 x Blow moulded case

Case measures:
50 x 27 x 28.5 cm



Product shown is for illustration purpose only

	Square Drive inch	Capacity Bolt Drive inch (mm)	Free Speed RPM	Maximum Torque ft-lb (Nm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-231K	1/2	5/8 (16)	7000	425 (576)	1/4	3/8	8.0	90 (6.3)	7.28 (185)	7.24 (184)	2.46 (5.42)

Air Ratchet Wrenches

AT-5058A

3/8" Professional Air Ratchet Wrench Twin Ratchet Mechanism



- Durable twin ratchet mechanism
- Stubby yoke, tease trigger
- Adjustable exhaust deflector
- Compact design with rear 4-speed regulator
- Versatile tool suited to auto body repair jobs such as removing or replacing radiators, spark plugs, air conditioning and water pumps
- Powerful for running small bolts in tight spaces
- Middle exhaust

AT-5059A

1/2" Professional Air Ratchet Wrench Twin Ratchet Mechanism



- Durable twin ratchet mechanism
- Stubby yoke, tease trigger
- Adjustable exhaust deflector
- Compact design with rear 4-speed regulator
- Versatile tool suited to auto body repair jobs such as removing or replacing radiators, spark plugs, air conditioning and water pumps
- Powerful for running small bolts in tight spaces
- Middle exhaust

	Square Drive inch	Capacity Bolt Drive inch (mm)	Free Speed RPM	Maximum Torque ft-lb (Nm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-5058A	3/8	3/8 (10)	180	60 (85)	1/4	3/8	4.0	90 (6.3)	10.83 (275)	2.24 (57)	2.67 (1.21)
AT-5059A	1/2	1/2 (13)	180	60 (85)	1/4	3/8	4.0	90 (6.3)	10.83 (275)	2.24 (57)	2.69 (1.22)

AT-4030KLSG

3/8" Keyless Air Drill



- Durable lightweight aluminum housing
- Variable speed throttle for greater control
- Keyless chuck for fast and easy bit changes
- Ergonomic choice for drilling, honing and hole sawing
- Handle exhaust

AT-4030SG

Same features as above
With Keyed Chuck



AT-4040KLSG

1/2" Keyless Air Drill



- Planetary gear reduction balances the load and increases power
- Variable speed throttle for greater control
- Heavy duty ball-and-needle bearing
- Keyless chuck for fast and easy bit changes
- Powerful choice for drilling, honing and hole sawing
- Supplied with side handle
- Handle exhaust

AT-4040SG

Same features as above
With Keyed Chuck



AT-4031KLSG

3/8" Keyless Reversible Air Drill



- Durable lightweight aluminium housing
- Convenient one-hand operation with side mounted Forward / Reverse lever
- Variable speed throttle for greater control
- Keyless chuck for fast and easy bit changes
- Ergonomic choice for drilling, honing and hole sawing
- Handle exhaust

AT-4031SG

Same features as above
With Keyed Chuck



AT-4041KLSG

1/2" Keyless Reversible Air Drill



- Convenient side mounted Forward / Reverse lever
- Variable speed throttle for greater control
- Heavy duty ball-and-needle bearing
- Keyless chuck for fast and easy bit changes
- Powerful choice for drilling, honing and hole sawing
- Supplied with side handle
- Handle exhaust

AT-4041SG

Same features as above
With Keyed Chuck



	Capacity inch (mm)	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Noise Levels dBA	Weight lb (kg)
AT-4030KLSG	3/8 (10)	2000	1/4	3/8	6.0	90 (6.3)	87	2.42 (1.10)
AT-4031KLSG	3/8 (10)	1800	1/4	3/8	6.0	90 (6.3)	87	2.46 (1.13)
AT-4040KLSG	1/2 (13)	700	1/4	3/8	8.0	90 (6.3)	90	3.59 (1.63)
AT-4041KLSG	1/2 (13)	700	1/4	3/8	8.0	90 (6.3)	90	3.59 (1.63)

Air Angle Grinders

AT-7037C

2-1/2" Air Angle Grinder



- Lightweight aluminium housing with soft grip and anodised angle head
- Lever lock safety trigger
- Grinding wheel included
- Ideal for light grinding, removing rust and smoothing welds
- Rear exhaust

AT-184B / AT-185B

4" & 5" Professional Air Angle Grinder



- Safety lever trigger and built-in regulator adjusts speed
- Auxiliary side handle for greater comfort and control
- Complete with governor mechanism
- Hardened steel beveled gears
- Designed for removing rust and smoothing welds
- Front exhaust

	Grinding Wheel inch (mm)	Spindle	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-7037C	2-1/2 (63)	1/4-20	15000	1/4	3/8	3.5	90 (6.3)	6.5 (165)	2.48 (63)	1.17 (0.53)
AT-184B	4 (100)	M10	11000	1/4	3/8	5.0	90 (6.3)	8.86 (225)	5.51 (140)	3.70 (1.67)
AT-185B	5 (125)	M14	11000	1/4	3/8	5.0	90 (6.3)	8.86 (225)	5.51 (140)	3.70 (1.67)

Air Die Grinders

AT-7033SG

1/4" (6mm) Air Die Grinder



- Lightweight aluminum housing with soft grip
- Lever lock safety trigger
- Built-in regulator
- Also available for 1/8" (3mm) collet
- Rear exhaust

Also available in a 16 pieces case – AT-7033KSG

AT-7032LSG

1/4" (6mm) Extended Air Die Grinder
5" Shaft, Chrome Plated



- Lightweight aluminium housing with soft grip
- Lever lock safety trigger
- Built-in regulator
- 5" extended collet tube to reach the deepest area or tightest space
- Used with a variety of accessories for weld breaking, smoothing sharp edges, deburring, polishing and grinding
- Rear exhaust

	Capacity inch (mm)	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-7033SG	1/4 (6.0)	22000	1/4	3/8	4.5	90 (6.3)	6.62 (168)	2.68 (68)	1.30 (0.60)
AT-7032LSG	1/4 (6.0)	25000	1/4	3/8	3.2	90 (6.3)	10.94 (278)	2.48 (63)	1.50 (0.68)

Air Die Grinders

AT-7033LSG

1/4" (6mm) Extended Air Die Grinder
6" Shaft, Black Galvanised



- Lightweight aluminum housing with soft grip
- Lever lock safety trigger
- Built-in regulator
- 6" extended collet tube to reach the deepest area or tightest space
- Used with a variety of accessories for weld breaking, smoothing sharp edges, deburring, polishing and grinding
- Rear exhaust

AT-7034SG

1/4" (6mm) Air Angle Die Grinder



- Lightweight aluminium housing with soft grip and black anodised angle head
- Lever lock safety trigger
- Built-in regulator
- Angle head provides easy access into tight spaces
- Rear exhaust

AT-3170

Micro Air Die Grinder
Round Housing



- Slim and comfortable design for greater accessibility
- Built-in variable speed twist air regulator
- Euro adaptor and wrenches included
- Ideal for final cleaning and polishing of dies, jewellery and for hobby use
- Rear exhaust

AT-7033KSG

16 Piece 1/4" (6mm)
Air Die Grinder Kit



- 1 x Air Die Grinder AT-7033SG
- 2 x Hand Wrenches
- 1 x 1/8" (3mm) Collet
- 5 x 1/4" (6mm) Shank Grinding Stones
- 5 x 1/8" (3mm) Shank Grinding Stones
- 1 x Euro Adaptor
- 1 x Blow Moulded Case

Case measures: 47 x 44 x 29 cm

	Capacity inch (mm)	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length Diameter inch (mm)	Height inch (mm)	Weight lb (kg)
AT-7033LSG	1/4 (6.0)	22000	1/4	3/8	4.5	90 (6.3)	13.3 (338)	2.75 (70)	2.90 (1.31)
AT-7034SG	1/4 (6.0)	20000	1/4	3/8	3.5	90 (6.3)	6.06 (154)	3.07 (78)	1.20 (0.53)
AT-3170	1/8 (3.0)	54000	1/4	3/8	2.0	90 (6.3)	5.28 (134)	0.63 (16)	0.44 (0.20)
AT-7033KSG	1/4 (6.0)	22000	1/4	3/8	4.5	90 (6.3)	6.62 (168)	2.68 (68)	1.30 (0.60)

Air Cutting Tools

AT-6027TSG

3" Air Cut-Off Tool
Swivel Guard



- Lightweight aluminium housing with soft grip
- Lever lock safety trigger
- Chrome-plated swivel steel guards protects from sparks
- Quickly and efficiently cuts off exhausts, tail pipes and bolts

AT-7039

Air Body Saw



- Lever throttle trigger and adjustable regulator
- Adjustable blade guard to control depth of cut
- Performs straight or scroll cuts on metal (1.6mm maximum), aluminium (2.0mm), plastics and fibreglass up to 2.5mm thick

	Free Speed RPM	Cutting Wheel inch (mm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-6027TSG	20000	3.0 (76)	1/4	3/8	4.5	90 (6.3)	7.28 (185)	3.15 (80)	1.80 (0.80)
	Cutting Capacity mm	Strokes Per Minute SPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-7039	2.0 Aluminium 1.6 Steel	10000	1/4	3/8	6.0	90 (6.3)	9.25 (235)	2.76 (70)	1.41 (0.64)

Air Riveters

AT-6017

1/4" Air Hydraulic Riveter



- Hydraulic piston for increased power
- Ultra high speed – ideal for assembly line
- Sets rivets up to 6.4mm steel and 4.8mm stainless steel
- Up to 1,870 lbs (850 kgs)
- Easy operation in any position with one hand
- Front exhaust

AT-6019

3/16" Air Hydraulic Riveter



- Lightweight, powerful and high-speed operation
- Long stroke and low noise
- Strong mandrel container
- Sets up to 4.8mm standard rivets in all materials
- Maximum pull force of 850 kgs
- High precision and quality durable components
- Front exhaust

	Blind Rivet Setting mm	Traction Power lbs (kg)	Stroke Length inch (mm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-6017	3.2, 4.0, 4.8, 6.4	1870 (850)	0.55 (14.0)	1/4	3/8	0.03	90 (6.3)	8.86 (225)	3.66 (93)	3.65 (1.66)
AT-6019	2.4, 3.2, 4.0, 4.8	1870 (850)	0.78 (20.0)	1/4	3/8	0.03	43-100 (3-7)	11.73 (298)	10.44 (255)	3.28 (1.49)

Air Nailers

F-32

Brad Nailer 18 Gauge



- Safety feature disables tool unless contact trip is pressed against workpiece
- Air deflector can be adjusted to any direction
- Quick release nose and no-mar tip (optional)
- Excellent for moulding, furniture making, and picture framing

F-50

Brad Nailer 18 Gauge



- Large piston for greater power
- Safety feature disables tool unless contact trip is pressed against workpiece
- Air deflector can be adjusted to any direction
- Excellent for door and window trims, finishing paneling, cabinetwork, interior finishing, picture frame assembly etc

	Capacity Nails	Nail Size Gauge	Nail Lengths inch (mm)	Operating Pressure PSI (Bar)	Maximum Pressure PSI (Bar)	Average Air Consumption CFM	Air Inlet BSP	Length inch (mm)	Height inch (mm)	Width inch (mm)	Weight lb (kg)
F-32	100	18	3/8-1-1/4-(10-32)	60-100 (4-7)	120 (8.3)	0.8 @ 90 PSI	1/4	9.45 (240)	7.72 (196)	2.36 (60)	2.64 (1.20)
F-50	100	18	5/8-2.0-(15-50)	60-100 (4-7)	120 (8.3)	0.9 @ 90 PSI	1/4	9.84 (250)	9.13 (232)	2.36 (60)	3.20 (1.46)

MAINTENANCE
TOOLS

Air Staplers

AT-8016

Wide Crown Stapler 21 Gauge



- Safety trigger disables tool when not in use
- Continuous operation for high efficiency
- Easy open magazine latch for fast loading
- Excellent for upholstery, window case, paper board, toys, window shade, cabinet backs and furniture backs

AT-9040

Narrow Crown Stapler 18 Gauge



- Large piston for greater power
- Safety feature disables tool unless contact trip is pressed against workpiece
- Air deflector can be adjusted to any direction
- Suitable for heavy cabinet work, plywood assembly, wall paneling and drawer assembly

	Capacity Nails	Staple Size Gauge	Staple Crown Size inch (mm)	Nail Lengths inch (mm)	Operating Pressure PSI (Bar)	Maximum Pressure PSI (Bar)	Average Air Consumption CFM	Air Inlet BSP	Length inch (mm)	Height inch (mm)	Width inch (mm)	Weight lb (kg)
AT-8016	100	21	0.50 (12.8)	1/4-5/8 (6-16)	60-100 (4-7)	120 (8.3)	0.7 @ 90 PSI	1/4	8.07 (205)	6.1 (155)	1.77 (45)	0.87 (1.92)
AT-9040	100	18	0.22 (5.7)	5/8-1-5/8 (16-40)	60-100 (4-7)	120 (8.3)	0.9 @ 90 PSI	1/4	10.24 (260)	9.45 (240)	2.36 (60)	3.20 (1.46)

Air Sanders

AT-302

**6" Professional
Dual Action
Air Sander**



- Heavy duty aluminium housing and precise inner structure ensures high performance
- Built-in regulator for positive speed control
- Swirl-free and patternless finishes from dual action orbital pad motion
- Rotary action ensures smooth and circular sanding
- Suited to jobs such as feather edging, metal preparation and blending body filler
- Supplied with Velcro pad
- Down exhaust

AT-280

**6" Dual Action
Air Sander**



- Swirl-free finishes from dual action pad motion
- Built-in regulator for positive speed control
- Orbital sander provides a patternless finish
- Rotary action assures smooth and circular sanding
- Suitable for sanding jobs such as feather edging, metal preparation and blending body filler
- Supplied with Velcro pad
- Down exhaust

AT-991

**6" Professional
Air Sander
Central Vacuum-
Ready Model**



- One-piece speed control lever
- Hardened steel alloy cylinder
- Perfectly balanced pad
- Lightweight, ergonomic design
- Powerful 10,000 RPM air motor
- Low sound and reduced vibration
- 3/32" diameter orbit model for super-fine finishes
- Tighter random circular and elliptical pattern provides a high degree of finish on wood, metal and composites
- Upper position speed control knob
- Supplied with Velcro 6 hole pad
- Rear exhaust

AT-991LA

**6" Professional
Air Sander
Central Vacuum-
Ready Model,
Long Dust Tube
Connector**



- One-piece speed control lever
- Hardened steel alloy cylinder
- Perfectly balanced pad
- Lightweight, ergonomic design
- Powerful 10,000 RPM air motor
- Low sound and reduced vibration
- 3/32" diameter orbit model for super-fine finishes
- Tighter random circular and elliptical pattern provides a high degree of finish on wood, metal and composites
- Down position speed control knob
- Supplied with Velcro 6 hole pad
- Rear exhaust

	Sanding Pad inch (mm)	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-302	6 (152)	10000	1/4	3/8	4.5	90 (6.3)	9.84 (250)	5.63 (143)	3.86 (1.75)
AT-280	6 (152)	10000	1/4	3/8	5.0	90 (6.3)	10.4 (255)	5.63 (143)	3.83 (1.74)
AT-991	6 (152)	10000	1/4	3/8	4.5	90 (6.3)	7.68 (195)	5.63 (143)	2.00 (0.91)
AT-991LA	6 (152)	10000	1/4	3/8	4.5	90 (6.3)	8.86 (225)	5.63 (143)	2.10 (0.95)

AT-480

10mm Air Belt Sander



- Small handy belt sander with a 10mm wide belt
- Lever throttle for easy control
- Simple belt replacement
- Suitable for jobs in narrow spaces and recessed corners
- Suited to fine sanding jobs such as wood-working, furniture polishing, plastic, metal polishing and even small spot sanding jobs e.g. trims, curves and other difficult-to-reach spots
- Three different grit sanding belts (60, 80, 120)
- Rear exhaust

AT-480L

10mm Long Reach Air Belt Sander



- Handy extended belt sander with a 600mm (23.6") belt
- Lever throttle for easy control
- Simple belt replacement
- Suitable for jobs in narrow spaces and recessed corners
- Suited to fine sanding jobs such as wood working, furniture polishing, plastic, metal polishing and even small spot sanding jobs e.g. trims, curves and other difficult-to-reach spots
- Three different grit sanding belts (60, 80, 120)
- Rear exhaust

AT-485

20mm Air Belt Sander



- Lever throttle for easy control
- Easy belt replacement
- Suitable for jobs in large spaces
- Useful for fine sanding jobs such as wood working, furniture polishing, plastic, metal polishing and even small spot sanding jobs e.g. trims, curves and other difficult-to-reach spots
- Three different grit sanding belts (60, 80, 120 grit)
- Rear exhaust

AT-7037

2" Air Angle Sander With Velcro Backing Pad



- Lightweight aluminium housing with soft grip and anodised angle head
- Lever lock safety trigger
- Use with Velcro sanding discs with coarse to fine grit
- Ideal for light sanding, removing rust and smoothing welds
- Rear exhaust

For replacement belts – see pages 68 or 87

	Sanding Belt inch (mm)	Backing Pad inch (mm)	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-480	2/5 x 13 (10 x 330)	-	16000	1/4	3/8	6.0	90 (6.3)	11.02 (280)	2.95 (75)	1.72 (0.78)
AT-480L	2/5 x 23.6 (10 x 600)	-	16000	1/4	3/8	6.0	90 (6.3)	16.34 (415)	2.95 (75)	1.89 (0.86)
AT-485	4/5 x 20.5 (20 x 520)	-	16000	1/4	3/8	7.0	90 (6.3)	13.78 (350)	3.54 (90)	2.42 (1.10)
AT-7037	-	2.0 x (51.0)	15000	1/4	3/8	3.5	90 (6.3)	6.42 (163)	3.62 (92)	1.40 (0.63)

Air Sander / Polisher

AT-880ASG

7" Air Angle
Sander



- Lever throttle trigger and built-in regulator
- Left and right handed handle mounts
- Heavy duty motor
- Complete with 7" backing pad
- Suitable for removing rust, sanding metal and roughing body filler
- Side exhaust

AT-880BSG

7" Air Angle
Polisher /
Buffer



- Lever throttle trigger and built-in regulator
- Left and right handed handle mounts
- Heavy duty motor
- Complete with 7" backing pad
- High free-speed range of 1500-2500 for buffing and polishing paint, metal and plastic to a high-gloss and professional finish
- Side exhaust

	Backing Pad inch (mm)	Spindle UNF	Free Speed RPM	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-880ASG	7 (178)	1/4-20	4500	1/4	3/8	5.0	90 (6.3)	14.57 (370)	6.73 (171)	4.19 (1.90)
AT-880BSG	7 (178)	1/4-20	3000	1/4	3/8	5.0	90 (6.3)	14.57 (370)	6.73 (171)	4.19 (1.90)

Sanding & Buffing Accessories

SP01 6" Sanding Pad Vinyl Face



SP02 6" Sanding Pad Velcro Face



SP03 6" Sanding Pad Velcro Face - 6 Holes



SP05 5" Sanding Pad Vinyl Face



SP06 5" Sanding Pad Velcro Face



SP07 5" Sanding Pad Velcro Face - 6 Holes



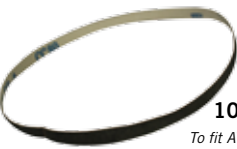
SP09 2" Sanding Pad Velcro Face



SP10 7" Buffing Pad



SB10L-60 60 Grit SB10L-80 80 Grit SB10L-120 120 Grit



10 x 600mm
To fit AT-480L

SB10-60 60 Grit SB10-80 80 Grit SB10-120 120 Grit



10 x 330mm
To fit AT-480 & QB-311

SB20-60 60 Grit SB20-80 80 Grit SB20-120 120 Grit



20 x 520mm
To fit AT-485 & QB-312

Miscellaneous Air Tools

AT-4044

3/8" 90° Air Angle Drill



- Lightweight aluminum housing with soft grip and black anodised angle head
- Lever lock safety trigger
- Functions as a grinder when fitted with accessories and as a high-speed drill for woodworking, hole drilling of aluminium, etc
- Rear exhaust

AT-4058SG

Air Screwdriver



- Durable and lightweight aluminium housing
- Variable speed throttle for easy start
- Convenient one hand operation with side mounted Forward/Reverse lever
- Suitable for screws – 4.0mm maximum
- Handle exhaust

	Capacity Inch	Free Speed RPM	Air Inlet Inch	Air Hose Inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length Inch (mm)	Height Inch (mm)	Weight lb (kg)
AT-4044	3/8	15000	1/4	3/8	4.0	90 (6.3)	6.22 (158)	4.33 (110)	1.48 (0.67)

	Hex Shank Inch (mm)	Maximum Torque Inch/lb (kg/cm)	Free Speed RPM	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length Inch (mm)	Height Inch (mm)	Weight lb (kg)
AT-4058SG	1/4 (6.35)	5/32 (4.0)	1800	5.0	90 (6.3)	7.84 (200)	5.91 (150)	2.42 (1.10)

AT-7038SG

Air Nibbler



- Lightweight aluminium housing with soft grip
- Cuts up to 16 gauge (1.5 mm) steel without leaving burrs or deformed edges
- Adjustable die can be placed in various cutting positions to suit applications
- Front exhaust

AT-8039

Air Needle Scaler



- For surface preparation work involving the cleaning or removal of paint, rust, dirt, or weld slag
- Durable, dependable and economical solution
- Front exhaust

	Steel Gauge (mm)	Strokes Per Minute	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-7038SG	16 (1.5)	3800	1/4	3/8	9.8	90 (6.3)	7.72 (196)	4.06 (117)	1.83 (0.83)

	Needle Quantity	Needle Size (mm) Length/Dia.	Blows Per Minute	Stroke Length inch (mm)	Air Inlet inch	Air Hose inch	Average Air Consumption CFM	Working Pressure PSI (Bar)	Length inch (mm)	Height inch (mm)	Weight lb (kg)
AT-8039	12	127/3.0	2800	0.94 (24)	1/4	3/8	4.0	90 (6.3)	12.40 (315)	3.15 (80)	2.42 (1.10)

Air Line Accessories

STANDARD AIR COUPLINGS

Standard Coupling Male

Part No.	Size
BSM20-14	1/4"
BSM20-38	3/8"
BSM20-12	1/2"



Standard Coupling Female

Part No.	Size
BSF20-14	1/4"
BSF20-38	3/8"
BSF20-12	1/2"



Standard Adaptor Hose Tail

Part No.	Size
BPH20-14	1/4"
BPH20-516	5/16"
BPH20-38	3/8"



Standard Adaptor Male

Part No.	Size
BPM20-14	1/4"
BPM20-38	3/8"
BPM20-12	1/2"



Standard Adaptor Female

Part No.	Size
BPF20-14	1/4"
BPF20-38	3/8"
BPF20-12	1/2"



EURO AIR COUPLINGS

XF High Flow Coupling Male

Part No.	Size
ESM20-14	1/4"
ESM20-38	3/8"
ESM20-12	1/2"



XF High Flow Coupling Female

Part No.	Size
ESF20-14	1/4"
ESF20-38	3/8"
ESF20-12	1/2"



XF High Flow Adaptor Male

Part No.	Size
EPM20-14	1/4"
EPM20-38	3/8"
EPM20-12	1/2"



XF High Flow Adaptor Female

Part No.	Size
EPF20-14	1/4"
EPF20-38	3/8"
EPF20-12	1/2"



GENUINE PCL 60 SERIES AIR COUPLINGS

60 Series Couplings Male

Part No.	Size
BSM60-14	1/4"
BSM60-38	3/8"
BSM60-12	1/2"



60 Series Couplings Female

Part No.	Size
BSF60-14	1/4"
BSF60-38	3/8"
BSF60-12	1/2"



60 Series Adaptor Hose Tail

Part No.	Size
BPH60-14	1/4"
BPH60-38	3/8"
BPH60-12	1/2"



60 Series Adaptor Male

Part No.	Size
BPM60-14	1/4"
BPM60-38	3/8"



60 Series Adaptor Female

Part No.	Size
BPF60-14	1/4"
BPF60-38	3/8"



GENUINE PCL 100 SERIES AIR COUPLINGS

100 Series Couplings Male

Part No.	Size
BSM100-38	3/8"
BSM100-12	1/2"



100 Series Couplings Female

Part No.	Size
BSF100-38	3/8"
BSF100-12	1/2"



100 Series Adaptor Hose Tail

Part No.	Size
BPH100-38	3/8"
BPH100-12	1/2"



100 Series Adaptor Male

Part No.	Size
BPM100-38	3/8"
BPM100-12	1/2"



100 Series Adaptor Female

Part No.	Size
BPF100-38	3/8"
BPF100-12	1/2"



Air Line Accessories

Male to Male Connector

Part No.	Size
DC2-14	1/4"
DC2-38	3/8"
DC2-12	1/2"



Male to Female Reducer

Part No.	Size M	Size F
MFR-3814	3/8"	1/4"
MFR-1214	1/2"	1/4"
MFR-1238	1/2"	3/8"



Female to Female Reducer

Part No.	Size	Size
FFR-3814	3/8"	1/4"
FFR-1214	1/2"	1/4"



Double Hose Tail

Part No.	Size
DHT-14	1/4" Bore
DHT-516	5/16" Bore
DHT-38	3/8" Bore
DHT-12	1/2" Bore



Standard Tailpiece 1/4" Male

Part No.	Size
TP-14	1/4" Bore
TP-516	5/16" Bore
TP-38	3/8" Bore
TP-12	1/2" Bore



Swivel Connector 1/4"

Part No.	Size
E107-8	1/4"



Twin Airflow Coupling

Part No.	Size
6103	-



Regulator

For Spray Gun model S-701R see page 14

Part No.	Size
JF-1	-



Mini Lubricator – Brass

Part No.	Size
EW-B42	1/4"



Mini BSP In-line Regulator

Part No.	Size
E107-3	1/4"



CLEAR BRAIDED PVC HOSE (30m)

Part No.	Description
1374	PVC 3/16" Nylon Braided Hose – 8 Bar requires 3/8 O-Clip
1327	PVC 1/4" Nylon Braided Hose – 8 Bar requires 3/8 O-Clip
1328	PVC 5/16" Nylon Braided Hose – 7 Bar requires 1/2 O-Clip
1329	PVC 3/8" Nylon Braided Hose – 7 Bar requires 9/16 O-Clip



RUBBER HOSE ASSEMBLIES BS5118/2

Part No.	Description
AH8-5	5m x 5/16" Hose c/w 1/4" BSP Fittings
AH8-10	10m x 5/16" Hose c/w 1/4" BSP Fittings
AH8-15	15m x 5/16" Hose c/w 1/4" BSP Fittings
AH8-20	20m x 5/16" Hose c/w 1/4" BSP Fittings
AH96-5	5m x 3/8" Hose c/w 1/4" BSP Fittings
AH96-10	10m x 3/8" Hose c/w 1/4" BSP Fittings
AH96-15	15m x 3/8" Hose c/w 1/4" BSP Fittings
AH96-20	20m x 3/8" Hose c/w 1/4" BSP Fittings
AH8-100	100m x 5/16" Hose
AH96-100	100m x 3/8" Hose
AH13-100	100m x 1/2" Hose



- 20 Bar Working Pressure
- 60 Bar Burst Pressure

RUBBER WHIP HOSES

Part No.	Description
WH38-0514M	0.5m x 3/8" Hose c/w 1/4" BSPM Fittings
WH38-0538M	0.5m x 3/8" Hose c/w 3/8" BSPM Fittings
WH38-05A	0.5m x 3/8" Hose c/w 1/4" BSPF Fittings
WH12-05A	0.5m x 1/2" Hose c/w 1/2" BSPF Fittings
WH38-05B	0.5m x 3/8" Hose c/w 3/8" BSPF and Quick Connect Fitting
WH12-05B	0.5m x 1/2" Hose c/w 1/2" BSPF and Quick Connect Fitting



UPVC RE-COIL HOSE

Part No.	Description
RH14-25	1/4" UPVC Re-Coil Hose
RH38-25	3/8" UPVC Re-Coil Hose



SA-112B / SA-115B

Air Hose Reels – 15 metres

- Bracket can be mounted on wall or ceiling
- 24 braids covered PU tube anti-explosion capability up to 350 PSI
- Auto retractable hose is replaceable and convenient to store

Part No.	Hose size	Working Pressure	Burst Pressure	Weight kg
SA-115B	5/16" (8mm)	7.0	20	5.3
SA-112B	3/8" (10mm)	7.0	20	8.0



Air Line Accessories



AFRC-12

1/2"
Pre/Coalescing
Air Unit
Filter / Regulator

- Dual pre/coalescing filter cartridge
- 25/0.01 micron filtration
- Max pressure 10 Bar (145 PSI)



ACB-12

1/2"
Carbon
Air Unit
Filter only

- Indicator changes colour when replacement is required
- Metal bowl with sight glass



AFC-12

1/2"
Pre/Coalescing
Air Unit
Filter only

- Suitable for use when regulator is not required
- Dual pre/coalescing filter cartridge only
- 25/0.01 micron filtration



AFR6102A

Air Filter
Regulator
1/4"

- Clear polycarbonate bowl
- Manual down valve
- Supplied with gauge and wall bracket

DUAL SCALE PRESSURE GAUGES



- Dual scale PSI and Bar
- Brass internal components
- Steel case construction
- Plastic front cover

REAR ENTRY CONNECTION

Part No.	Description
PG001	0-160 PSI, 40mm diameter, 1/8"
PG002	0-160 PSI, 50mm diameter, 1/8"
PG003	0-200 PSI, 50mm diameter, 1/4"
PG004	0-300 PSI, 50mm diameter, 1/4"

BOTTOM ENTRY CONNECTION

Part No.	Description
PG005	0-200 PSI, 50mm diameter, 1/4"
PG006	0-300 PSI, 50mm diameter, 1/4"

AG3000-03

Air Filter Regulator
3/8"



- Maximum pressure 12 Bar
- Heavy duty aluminium cast body
- Pressure reducing valve with filter and pressure gauge dia. 40mm and two in-line cocks 1/4"

AG4000-04

Air Filter Regulator
1/2"



- Maximum pressure 12 Bar
- Heavy duty aluminium cast body
- Pressure reducing valve with filter and pressure gauge dia. 50mm and two in-line cocks 1/4"



PG-03

Air Adjusting Valve
1/4"

Filtration, lubrication and pressure are key factors to a tools performance. See page 55 for ideal system connections to improve durability and reliability.



BC2000

1/4" Inlet Air Unit
Filter / Regulator / Lubricator
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI

BC4000

1/2" Inlet Air Unit
Filter / Regulator / Lubricator
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI



AFRL80-14

1/4" Inlet Air Unit
Filter / Regulator / Lubricator
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI

AFRL80-12

1/2" Inlet Air Unit
Filter / Regulator / Lubricator
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI



AF80-14

1/4" Inlet Air Unit
Filter Only
Max Pressure: ≤140 PSI

AF80-12

1/2" Inlet Air Unit
Filter Only
Max Pressure: ≤140 PSI



AL80-14

1/4" Inlet Air Unit
Lubricator Only
Max Pressure: ≤140 PSI

AL80-12

1/2" Inlet Air Unit
Lubricator Only
Max Pressure: ≤140 PSI



AFR80-14

1/4" Inlet Air Unit
Filter / Regulator Only
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI

AFR80-12

1/2" Inlet Air Unit
Filter / Regulator Only
Regulate Pressure: 10-120 PSI
Max Pressure: ≤140 PSI

Air Line Accessories



V-103

Caulking Gun



BG-1

1/4" BSP
Palm Blow
Gun

626

Underseal Gun



HYQ-11

Air Grease Gun



1/4" BSP BLOW GUNS



Part No.	Size
DG-105-3	220mm
DG-105-2	150mm
DG-105-1	100mm

JC-291 / JC-292

Standard Safety Tip

To fit JC-313, JC-320, JC-340 (optional)



TG-90

1/4" BSP Tyre Inflator

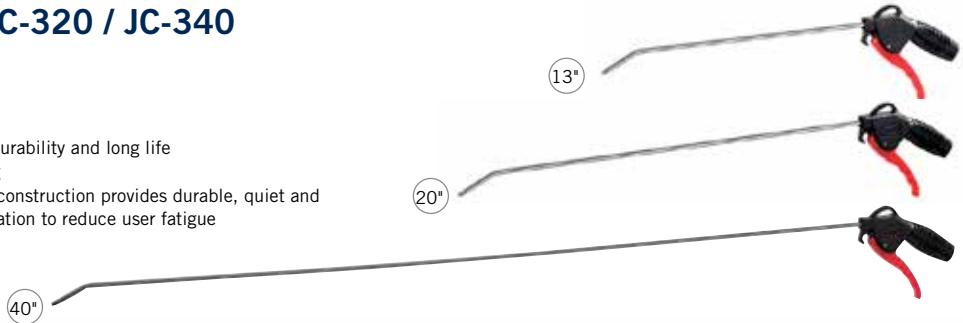


JC-313 / JC-320 / JC-340

Air Blow Guns

Air inlet: 1/4"

- Steel nozzle for durability and long life
- Ideal for cleaning
- Hi-tech material construction provides durable, quiet and comfortable operation to reduce user fatigue



JC-440

Super Air Blow Gun

Air inlet: 1/4"



	Nozzle Length inch	Working Pressure PSI (Bar)	Maximum Pressure PSI (Bar)	Average Air Consumption 1/4" Hose CFM (l/min)	Average Air Consumption 3/8" Hose CFM (l/min)	Air Hose inch	Sound Pressure dBA	Net Weight lbs (kg)
JC-313	13	75-120 (5.3-8.5)	150 (10.6)	13.0 (368)	15.0 (425)	3/8	90.0	0.24 (0.11)
JC-320	20	75-120 (5.3-8.5)	150 (10.6)	13.0 (368)	15.0 (425)	3/8	90.0	0.31 (0.14)
JC-340	40	75-120 (5.3-8.5)	150 (10.6)	13.0 (368)	15.0 (425)	3/8	90.0	0.50 (0.23)
JC-440	40	75-120 (5.3-8.5)	150 (10.6)	13.0 (368)	15.0 (425)	3/8	90.0	0.92 (0.42)

Markers & Miscellaneous



MARKERS



SOLID PAINT MARKERS			
Item	Part No.	Description	Quantity
1	2202M	P Paintstik - White. Marks are removed in the galvanizing process	12-144
2	2250M	B Paintstik - White. Original marker for rough, rusty, smooth, or dirty surfaces	12-144
3	2251M	B Paintstik - Yellow. Original marker for rough, rusty, smooth, or dirty surfaces	12-144
4	2252M	B Paintstik - Black. Original marker for rough, rusty, smooth, or dirty surfaces	12-48
5	2253M	B Paintstik - Blue. Original marker for rough, rusty, smooth, or dirty surfaces	12-48
6	2254M	B-L Paintstik - Blue. Bleeds through primers; visible on steelwork	12-48
7	2255M	Quik Stik - Yellow. Solid paint marker in a convenient twist-up, plastic holder	12-96
8	2256M	Quik Stik - White. Solid paint marker in a convenient twist-up, plastic holder	12-96
9	2257M	Quik Stik Mini - White. All the benefits of Quik Stik in compact form. Ideal for fine lines	12-48
10	2258M	Quik Stik Mini - Yellow. All the benefits of Quik Stik in compact form. Ideal for fine lines	12-48
VALVE ACTION MARKERS			
Item	Part No.	Description	Quantity
11	2302M	Valve Action Marker - Black. Fast-drying liquid paint marker for almost any surface	12-48
12	2301M	Valve Action Marker - Yellow. Fast-drying liquid paint marker for almost any surface	12-48
13	2300M	Valve Action Marker - White. Fast-drying liquid paint marker for almost any surface	12-48
PUSH-BUTTON MARKER			
Item	Part No.	Description	Quantity
14	2261M	Dura Ink 20 Retractable - Black. Permanent ink marker allows single-handed use	12-48

SO-10T

Lubrication Set – 8 pieces



SG-101

Lubrication Kit



1807

Tapping and Cutting Oil
300ml
Qty: 12



1808

Galvanising Spray
300ml
Qty: 12



1809

Safe Solvent Cleaner
300ml
Qty: 12



SH-1001

Magnetic
1/2" Impact
Wrench Holder

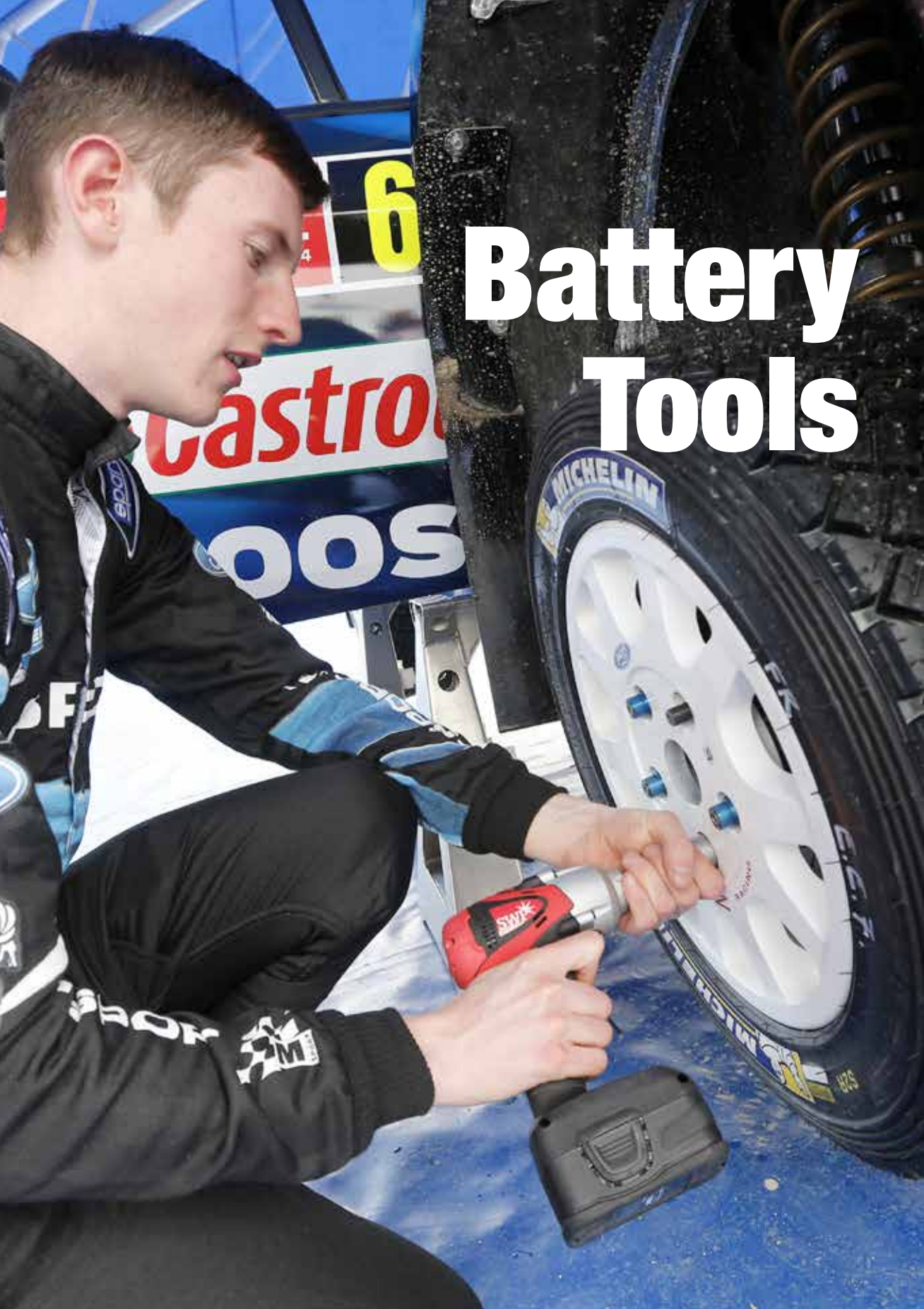


AIR LINE / COMPRESSOR OIL

Part No.	Description
AIR100	1 litre Air Line Oil
AIR500	5 litre Air Line Oil
COMP100	1 litre Compressor Oil
COMP500	5 litre Compressor Oil

ACCESSORIES

Battery Tools



ARI2061B

Li-ion 18V 1/2" Impact Wrench

- 4 pole high torque motor in a compact size
- 850 Nm (625 ft-lbs) max. breakaway torque
- 640 Nm (480 ft-lbs) max. reverse torque
- 0-2000 RPM / 0-3000 ipm for faster speed applications
- Durable metal gearbox housing
- Variable speed with reversible control
- Battery indicator shows battery status
- Supplied complete with case, charger and 2 batteries



ARI2061B carried on board the M-Sport Ford Fiesta RS WRC in the World Rally Championship



From -20° to +40°C SWP support M-Sport with Welding, Safety and Power Tools for their Ford Fiesta RS WRC.

ARI2066

Li-ion 18V 1/2" Super Torque Impact Wrench

- 4 pole high torque motor
- 780 ft-lbs (1060) maximum reverse torque
- 0-1700 RPM / 0-2000 IPM for faster speed application
- Durable metal gearbox housing
- Variable speed with reversible control switch
- Battery indicator shows battery status
- Supplied complete with case, charger and two batteries



4.0 Ah

ARI2068-4 / ARI2068-3

Li-ion 18V Impact Wrench

- 4 pole high torque motor in a compact size
- Rubber boots protect tools from exterior damage
- 0-2000 RPM / 0-3000 IPM for faster speed application
- Durable metal gearbox housing
- Variable speed with reversible control and electric brake switch
- Built-in LED light
- Battery indicator shows battery status
- Supplied complete with case, charger and two batteries



2.0 Ah

ARD2081B

Li-ion 18V 13mm 2-Speed Drill / Driver

- 13mm ROHM keyless chuck and auto spindle lock for efficient bit change
- 20 torque settings plus drill mode
- Variable speed with reversible control and electric brake switch
- Powerful built-in motor
- Built-in LED light for convenient illumination during work
- Battery indicator shows battery status
- Supplied complete with case, charger and two batteries



2.0 Ah

ARG2017

Li-ion 18V 4-1/2" Angle Grinder

- 4 pole heavy duty motor
- 9000 RPM for faster grinding and heavy duty cutting
- Lock-on slide switch provides user comfort in extended use
- Spindle lock button design for easy grinding disc change
- Ball bearing construction for extra durability and longer tool life
- Durable aluminum gearbox housing
- Battery indicator shows battery status
- Supplied with side handle, disc, charger, two batteries and case



3.0 Ah

	Voltage V	Drive inch (mm)	Reverse Torque ft-lbs (Nm)	Maximum Torque ft-lbs (Nm)	No Load Speed RPM	Impacts Per Minute IPM	Weight lbs (kg)
ARI2066	18	1/2 Square	780 (1060)	1100 (1500)	0-1700	0-2000	7.04 (3.20)
ARI2068-4	18	1/2 Square	225 (310)	142 (200)	0-2000	0-3000	2.82 (1.28)
ARI2068-3	18	3/8 Square	205 (280)	133 (180)	0-2000	0-3000	2.75 (1.25)
ARI2061B	18	1/2 Square	480 (640)	625 (850)	0-2000	0-3000	3.63 (1.65)
ARD2081B	18	1/2 (13) Chuck	-	37 (50)	0-450 / 0-1600	-	4.00 (1.83)

	Voltage V	Disk Size inch (mm)	Spindle Thread	No Load Speed RPM	Weight lbs (kg)
ARG2017	18	4-1/2 (115)	M14	9000	5.40 (2.46)

ARG1213

Li-ion 10.8V Straight Die Grinder

- Straight head design, ideal for light-duty surface preparation and precision material removal applications
- Safety lock design prevents accidental tool start
- Anti-slip soft grip
- Compact head size of 1-1/2" and overall length of 11-3/4" for restricted access applications
- Supplied with soft shell bag, charger and two batteries



1.5 Ah

ARG1214

Li-ion 10.8V Angle Die Grinder

- 90° right angle head design for use with sanding discs and carbide burrs, ideal for light-duty narrow grinding applications
- Safety lock design prevents accidental tool start
- Anti-slip soft grip
- Compact head size of 1-5/8" tall, 2-3/4" wide and overall length of 11-7/8" for restricted access applications
- Supplied with soft shell bag, charger and two batteries



1.5 Ah

ARG1207

Li-ion 10.8V Rotary Tool Kit

- Digital LCD panel control shows speed settings and battery capacity
- Digital speed controlled between 5,000 and 35,000 RPM
- Speed memory function
- Safety lock-off control function
- Built-in LED light for convenient illumination during work
- Hook design for easy hanging
- Supplied complete with case, charger and two batteries and accessory box (illustrated)



1.5 Ah



ARW1201

Li-ion 10.8V 3/8" Ratchet Wrench

- 3/8" square drive
- Forward / Reverse lever
- Durable aluminum gearbox housing
- Variable speed with reversible control and electric brake switch
- Anti-slip soft grip
- Supplied complete with case, charger and two batteries



1.5 Ah

	Voltage V	Type	Collet Capacity inch	No Load Speed RPM	Weight lbs (kg)
ARG1213	10.8	Straight	1/4	0-18000	2.42 (1.10)
ARG1214	10.8	Right Angle	1/4	0-18000	2.42 (1.10)
ARG1207	10.8	-	1/32-1/8	5000-35000	0.99 (0.45)
	Voltage V	Drive	Maximum Torque ft-lbs (Nm)	No Load Speed RPM	Weight lbs (kg)
ARW1201	10.8	3/8	57 (78)	0-160	2.64 (1.20)

ARS1209

Li-ion 10.8V 75mm Mini Sander

- 4 pole high torque motor
- Compact size for small area sanding
- Variable speed for different operations
- Anti-slip soft grip provides comfort and good protection during work
- Battery indicator shows battery status
- Supplied complete with case, charger and two batteries

Accessories included:
2 x 3" Backing Pads
3 x Graded Sandpapers



2.0 Ah

ARS1210

Li-ion 10.8V 75mm Mini Polisher

- 4 pole high torque motor
- Compact size for small area polishing
- Convenient two positioned side handle for easy operation
- Variable speed to avoid spraying polish compound during start up
- Battery indicator shows battery status
- Supplied complete with case, charger and two batteries

Accessories included:
2 x 3" Backing Pads
3 x Graded Sandpapers
1 x Wool Bonnet
1 x Foam Compound Pad



2.0 Ah

	Voltage V	Pad Diameter inch (mm)	No Load Speed RPM	Weight lbs (kg)
ARS1209	10.8	3.0 (75)	0-5800	2.07 (0.94)
ARS1210	10.8	3.0 (75)	0-2700	2.07 (0.94)



ARI809

Li-ion 7.2V Impact Driver



- Compact size for restricted access applications
- Quick release 1/4" Hex bit holder
- Rubber boots protects tool from exterior damage
- Anti-slip soft grip provides comfort and good protection during work
- Built-in LED light for convenient illumination during work
- Variable speed with reversible control and electric brake switch
- Supplied with soft shell bag, charger and two batteries

ARI810

Li-ion 7.2V 3/8" Impact Wrench



- Super compact size for restricted access applications
- Rubber boots protects tool from exterior damage
- Anti-slip soft grip provides comfort and good protection during work
- Built-in LED light for convenient illumination during work
- Variable speed with reversible control and electric brake switch
- Supplied complete with case, charger and two batteries

ARD888

Li-ion 7.2V 10mm Drill / Driver



- Compact size for restricted access applications
- 11 torque settings + drill mode
- 10mm (3/8") keyless chuck and auto spindle lock for efficient chuck change
- Anti-slip soft grip provides comfort and good protection during work
- Built-in LED light for convenient illumination during work
- Auto spindle lock function for manual screwdriving
- Variable speed with reversible control and electric brake switch
- Supplied complete with case, charger and two batteries



	Voltage V	Drive inch (mm)	Maximum Torque ft-lbs (Nm)	Reverse Torque ft-lbs (Nm)	Tightening Torque ft-lbs (Nm)	No Load Speed RPM	Impacts Per Minute IPM	Weight lbs (kg)
ARI809	7.2	1/4 Hex Shank	800 (90)	-	-	0-2600	0-2600	1.82 (0.83)
ARI810	7.2	1/2 Square	-	1370 (155)	900 (100)	0-2600	0-3100	1.87 (0.85)
ARD888	7.2	3/8 (10) Chuck	130 (15)	-	-	0-500	-	1.86 (0.80)

ARZ6055

6V Alkaline-Battery Multi-Media
Inspection Camera

Mirror not included

- Video recording with voice annotation and direct review
- 4.5 mm camera head – easy to inspect tough-to-reach areas
- 4GB SD memory card included – holds 42,800+ images or 100+ minutes of video recording
- Micro USB output for easy transfer to PC and video
- 3" colour LCD and 2.5 x zoom
- 4 built-in LEDs on probe with 5 settings of brightness
- 110° viewing angle and 180° flip
- Anti-slip soft grip
- Waterproof flexible cable 4 ft (1.2 mtr)
- LCD screen displays battery, brightness, flip, power, zoom, photo/video screen indicator
- 380° / 8 position adjustable bracket and hook
- Batteries not included



- Includes AB642A cartridge (batteries not included)



Battery Type	AA Alkaline – can also be used with AB1242L (page 85)
Voltage	6 Vdc
LCD Display	3" high resolution colour
Display Resolution	320 x 240
Waterproof	Cable (with camera head)
Camera Head Diameter	4.5mm
View Flip Setting	0°→180°
Adjustable Image Zoom Setting	1.0x→1.1x→1.2x→1.3x→1.4x→1.5x→1.6x→1.7x→1.8x→1.9x→2.0x→2.5x
LED Brightness Setting	Off→25%→50%→75%→Full
Run Time	Up to 5 hours
Working Temperature	0°C-60°C
Tool Weight	0.68kg (1.50lbs)

ARI2064B

Li-ion 18V 1/2" Impact Wrench with Digital Clutch

- 6 pre-set torque settings
- 4 pole motor delivers high torque in a compact size
- LCD functions display
- 0-2,000 RPM / 0-3,000 IPM for faster applications
- Battery indicator shows battery capacity
- Variable speed with reversible control
- Anti-slip soft comfort grip
- Built-in LED light for convenient illumination during work
- Supplied complete with case, charger and two batteries



2.0 Ah

ARI2060

Li-ion 18V 1/2" Super-Torque Impact Wrench with Digital Clutch

- 6 pre-set torque settings
- 4 pole motor delivers high torque in a compact size
- LCD functions display
- 0-1,700 RPM / 0-2,000 IPM for faster applications
- Battery indicator shows battery capacity
- Variable speed with reversible control
- Anti-slip soft comfort grip
- Built-in LED light for convenient illumination during work
- Supplied complete with case, charger and two batteries



4.0 Ah

ARI2044B

Li-ion 18V 3/8" Angle Impact Wrench with Digital Clutch

- 6 pre-set torque settings
- LCD displays memory functions
- Angled compact head for use in narrow spaces
- Battery indicator shows battery capacity
- Durable metal gearbox housing
- Variable speed with reversible control
- Anti-slip soft comfort grip
- Built-in LED light for convenient illumination during work
- Supplied complete with case, charger and two batteries



2.0 Ah



	Voltage V	Drive inch	Max. Breakaway Torque ft.-lbs (Nm)	Max. Reverse Torque ft.-lbs (Nm)	Max. Tightening Torque ft.-lbs (Nm)	No Load Speed RPM	Impacts Per Minute IPM	Control Torque Range ft.-lbs (Nm)	Weight lbs (kg)
ARI2060	18	1/2 Square	1100 (1500)	780 (1060)	500 (680)	0-1700	0-2000	60-220 (80-300)	7.04 (3.20)
ARI2064B	18	1/2 Square	625 (850)	480 (640)	300 (400)	0-2000	0-3000	60-190 (80-260)	3.63 (1.65)
ARI2044B	18	3/8	-	95 (128)	60 (80)	0-2000	0-3000	14.8-51.7 (20-70)	3.59 (1.63)

ARM602-3

3/8" Digital Tool Adapter



ARM602-4

1/2" Digital Tool Adapter



- Static torque measurement
- Standard setting functions: Torque, Measurement and Mode
- Operation in both clockwise and counterclockwise directions
- LCD shows Nm (or kg-cm, in-lb, ft-lb) measurements
- Audible torque confirmation by means of buzzer
- Easy to configure Set, Peak or Track modes

	Drive (Square) inch	Length inch (mm)	Width inch (mm)	Height inch (mm)	Accuracy >CW / >CCW	Torque Range ft-lbs (Nm)	Auto Shut-Off	Operating Temp. °C	Storage Temp. °C	Coin Cell Battery x2	Weight lbs (kg)
ARM602-3	3/8	3.0 (75)	1-27/32 (47)	1-29/32 (48)	±2% / ±3%	3-60 (4-80)	After 1 Minute of No Use	0-50	-10-60	CR2032	0.31 (0.14)
ARM602-4	1/2	3.0 (75)	1-27/32 (47)	1-29/32 (48)	±2% / ±3%	4-150 (5-200)		0-50	-10-60	CR2032	0.44 (0.20)

ARM601-3

3/8" Digital Tool Wrench



ARM601-4

1/2" Digital Tool Wrench



- Standard setting functions: Torque, Measurement and Mode
- Operation in both clockwise and counter-clockwise directions
- LCD shows Nm (or kg-cm, in-lb, ft-lb) measurements
- Audible torque confirmation by means of buzzer and LED flashing
- Easy to configure Set, Peak or Track modes
- Batteries not included

	Drive (Square) inch	Head Type	Gear Teeth	Length mm	Accuracy >CW / >CCW	Torque Range ft-lbs (Nm)	Auto Shut-Off	Operating Temp. °C	Storage Temp. °C	Alkaline Battery x2	Weight lbs (kg)
ARM601-3	3/8	Quick Release	45	12-3/8 (315)	±2% / ±3%	2-37 (3-50)	After 1 Minute of No Use	0-50	-10-60	AAA	1.40 (0.64)
ARM601-4	1/2	Ratchet	45	17-5/16 (440)	±2% / ±3%	4-99 (5-135))		0-50	-10-60	AAA	2.20 (1.00)

ARL2025

Li-ion 18V Foldable Flashlight & LED Light

- 6-position pivot torch for long distance illumination and LED light for short distance illumination
- Fully charged battery pack is capable of working for up to three hours (for bulb) or 25 hours (for LED) continuously
- 3-mode switch: LED On, Bulb On, Power Off
- Compact size design can be carried by hand or stand alone
- Very small beam diameter and a 100-metre-plus radiating distance
- Battery pack not included



ARL1227

Li-ion 10.8V LED Light Bar

- Up to 8 hours of continuous working time
- 24 pieces of super bright LED
- Ergonomic body for comfortable gripping
- Hook and side hanger design for easy hanging
- Battery pack not included



ARL2027

Li-ion 18V LED Light Bar

- Up to 7 hours of continuous working time
- 24 pieces of super bright LED
- Ergonomic body for comfortable gripping
- Hook and side hanger design for easy hanging
- Battery pack not included



ARL836

Li-ion 7.2V LED Flashlight

- 4 position foldable action
- Built-in magnets for easy attachment to metal surfaces
- Battery pack not included



For battery packs – see page 85

	Voltage V	Bulb Type	Bulb Brightness at 1m distance Lux	Bulb Run Time 3.0 Ah	LED Brightness at 0.6m distance Lux	LED Type Pieces	LED Run Time 3.0 Ah	Weight (without battery) lbs (kg)
ARL2025	18	Xenon	350	Up to 3	300	ø5 x 16	Up to 25	0.36 (0.79)
ARL1227	10.8	-	200	-	-	ø5 x 24	Up to 8	0.15 (0.33)
ARL2027	18	-	200	-	-	ø5 x 24	Up to 9	0.15 (0.33)
ARL836	7.2	-	-	-	8500	-	Up to 8	0.14 (0.31)

7.2V PUSH-IN CHARGER/BATTERY

AB854L (1.5 Ah)
Li-ion 7.2V Battery Pack



ADC8EU50-30
7.2V Two Ports Quick Charger

10.8V PUSH-IN CHARGER/BATTERY

AB1242L (1.5 Ah)
Li-ion 10.8V Battery Pack



ADC12EU33-15
Quick Charger

18V PUSH-IN CHARGER/BATTERY

AB2042L (2.0 Ah)
Li-ion 18V Battery Pack



ADC20EU40-15
Quick Charger with AFCS

18V SLIDE-IN CHARGER/BATTERY

AB2045L (2.0 Ah)
AB2045LA-2 (4.0 Ah)
Replacement Li-ion 18V Batteries available



ADC30EU37-30
Intelligent Charger with AFCS

AUTO CHARGER

ACS-17-12V
1 Hour Auto Charger



- Charge AB1242L Li-ion battery pack in 1 hour
- Compact size and auto electric plug design
- 3-angle adjustable position
- Automatic cut-off function after fully-charged

ACCESSORIES

18VAC
Tool Cover to suit the
ARI2066 & ARI2060



BAG10.8VAC
Soft Shell Bag



Cutting Discs



Flat Cutting Discs EN 12413

	Description	Qty.
1633	100 x 2.5 x 16mm	100
1634	115 x 2.5 x 22mm	100
1635	125 x 2.5 x 22mm	100
1637	230 x 3.0 x 22mm	100
1638	300 x 3.5 x 20mm	10
1639	350 x 3.0 x 25mm	10

Depressed Centre Cutting Discs EN 12413

	Description	Qty.
1645	100 x 2.5 x 16mm	100
1646	115 x 2.5 x 22mm	100
1647	125 x 2.5 x 22mm	100
1649	230 x 3.0 x 22mm	50



Stone Depressed Centre Cutting Discs EN 12413

	Description	Qty.
1665	115 x 3.0 x 22mm	100
1666	230 x 3.0 x 22mm	100

Flat Super Thin Cutting Discs EN 12413

	Description	Qty.
1660	100 x 1.0 x 16mm	25/500
1661	115 x 1.0 x 22mm	25/500
1662	125 x 1.0 x 22mm	25/500
1663	230 x 2.0 x 22mm	25/500



Depressed Centre Grinding Discs EN 12413

	Description	Qty.
1678	100 x 6.0 x 16mm	100
1679	115 x 6.0 x 22mm	100
1680	125 x 6.0 x 22mm	100
1643	178 x 6.0 x 22mm	50
1644	230 x 6.0 x 22mm	50

Flap Discs Coned – Zirconium EN 13743

	Description	Speed Rate	Qty.
1614	115 x 22mm 40 Grit	19000	10
1615	115 x 22mm 60 Grit	19000	10
1616	115 x 22mm 80 Grit	19000	10
1617	125 x 22mm 40 Grit	16000	10
1618	125 x 22mm 60 Grit	16000	10
1619	125 x 22mm 80 Grit	16000	10



Fibre Discs Zirconium EN 13743

	Description	Speed Rate	Qty.
1650	100 x 16mm 36 Grit	80m/s	25
1651	100 x 16mm 60 Grit	80m/s	25
1652	100 x 16mm 80 Grit	80m/s	25
1653	100 x 16mm 120 Grit	80m/s	25
1654	115 x 22mm 36 Grit	80m/s	25
1655	115 x 22mm 60 Grit	80m/s	25
1656	115 x 22mm 80 Grit	80m/s	25
1657	115 x 22mm 120 Grit	80m/s	25
1658	125 x 22mm 36 Grit	80m/s	25
1659	125 x 22mm 60 Grit	80m/s	25
1663F	125 x 22mm 80 Grit	80m/s	25
1664	125 x 22mm 120 Grit	80m/s	25

White Backing Pads Medium Flexibility

	Abrasive (mm)	Pad (mm)	Height (mm)	Thread	Grits	Qty.
20030	100	90	15	3/8 x 24	60 + Finer	1
20115	115	104	15	M14 x 2	60 + Finer	1
20210	125	116	20	M14 x 2	60 + Finer	1
11113	115	107.5	20	M14 x 2	60 + Finer	1
11114	115	107.5	20	5/8 UNC	60 + Finer	1



Sanding Belts EN 13743

	Description	Qty.
SB10-60	10 x 330mm 60 Grit	10
SB10-80	10 x 330mm 80 Grit	10
SB10-120	10 x 330mm 120 Grit	10
SB10L-60	10 x 600mm 60 Grit	10
SB10L-80	10 x 600mm 80 Grit	10
SB10L-120	10 x 600mm 120 Grit	10
SB20-60	20 x 520mm 60 Grit	10
SB20-80	20 x 520mm 80 Grit	10
SB20-120	20 x 520mm 120 Grit	10



3M™ Green Corps Flexible Grinding Disc Kits

	Description	Size (mm)	Grade	MOS (RPM)
60105	20 discs plus 2 back-up pads	100 x 3 x 16	P36	15,000
60630	20 discs plus 2 back-up pads	115 x 3 x 22	P36	13,000
60634	20 discs plus 2 back-up pads	125 x 3 x 22	P36	12,000
A60638	20 discs plus 2 back-up pads	180 x 3 x 22	P36	8,000

3M™ Flexible Grinding Disc Back-up Pads

	Use with	Size (mm)	Grade	MOS (RPM)
60642	115/125mm disc	86 x 22	—	13,000
60643	180mm disc	117 x 22	—	8,000

3M™ Scotch Brite™ Hand Pads

	Size (mm)	Grade	Colour	Prod. NA
05303	155 x 225	Very Fine	Maroon	7447+
05305	155 x 225	Fine	L Green	7496
05306	155 x 225	Coarse	D Green	7486



3M™ Radial Bristle Deburring Wheels

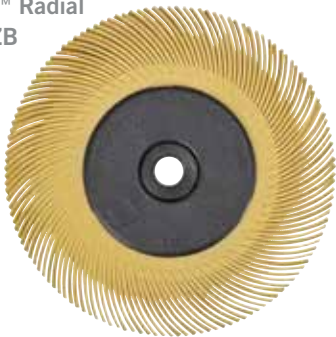
3M™ Scotch Brite™ Shaft Mounted Bristle Disc BB-ZS



	Size (mm)	Type	Grade	Colour	MOS (RPM)
62968	75	C	P80	Yellow	10,000

3M™ Radial Bristle Deburring Wheels

3M™ Scotch Brite™ Radial Bristle Brush BB-ZB



	Size (mm)	Type	Grade	Colour	MOS (RPM)
33215	150	C	P80	Yellow	6,000

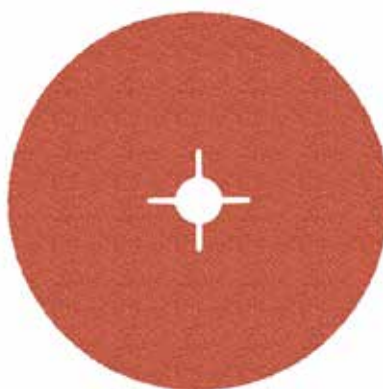


3M™ Roloc™ 777F

	Size (mm)	Grade	MOS (RPM)
76629	50	P36	20,000
76630	50	P50	20,000
76433	50	P60	20,000
14661	50	P80	20,000
170935	50	P120	20,000
76631	75	P36	20,000
76632	75	P50	20,000
76633	75	P60	20,000
76634	75	P80	20,000
249846	75	P120	20,000

3M™ Cubitron™ II Fibre Discs 982C

	Size (mm)	Grade	MOS (RPM)	MOQ
27769	100	36+	15,200	100
27771	100	80+	15,200	100
55075	115	36+	13,500	100
27623	115	60+	13,500	100
27627	115	80+	13,500	100
55073	125	36+	12,000	100
27624	125	60+	12,000	100
27628	125	80+	12,000	100
27698	180	36+	8,500	100
27740	180	60+	8,500	100
27741	180	80+	8,500	100



3M™ Scotch Brite™ Clean & Strip GP Discs

	Size (mm)	Grade	Colour	MOS (RPM)
61164	75 x 13 x 6	XCRS	Blue	10,000
61167	75 x 25 x 6	XCRS	Blue	10,000
61165	100 x 13 x 6	XCRS	Blue	8,000
61168	100 x 25 x 6	XCRS	Blue	8,000
61166	150 x 13 x 6	XCRS	Blue	6,000
61169	150 x 25 x 6	XCRS	Blue	6,000



Delivers ...

Quality ✓

Value ✓

Service ✓



**Safety
Wear**

F50 PAPR Visor

The F50 PAPR visor is a value powered air headtop specifically designed for grinding activity in confined areas where a head and face protection and clean air combination is paramount. The full face, high impact polycarbonate visor offers excellent front and peripheral vision for added protection and confidence. When attached to the R60 AIRMAX PAPR and activated, fresh air is delivered to demist the faceshield via the plenum for comfortable full shift wearing. Approved to EN 166. Rated B for impact resistance.



Description
3049TLV F50 PAPR Visor c/w R60 Airmax

Assembly & Spares

Description
J5261 F50 PAPR Visor c/w Headgear Airduct
J5260 Airmax Headgear
J5252 Clear Visor
J5251 Clear Visor Face Seal
J5200 Airmax c/w Battery, P3 Filter and Hose

R60 Airmax PAPR System

A battery powered respiratory unit designed to fit the Jackson Headtops and Welding Helmets range, the R60 AIRMAX provides clean, filtered air for increased comfort and safety. The unit is delivered complete with an 8-hour battery, intelligent charger, TH2 P SL filter, comfort pad, waist belt and an air hose with a Proban hose cover fitted. The unit is equipped with a low-flow alarm – triggering an audible signal when the filter is blocked, or the battery power is running low. The complete system is comfortable, lightweight and durable. *NB – Battery requires 5 hours and never more than 8 hours charge before first use to avoid overheating.*



Description
J5200 Complete Blower Unit

Assembly & Spares

Description
J5210 Airmax TH 2 P SL Filter
J5220 Airmax Battery
J5230 Airmax Battery Charger
J5240 Airmax Hose
J5241 Airmax Hose Cover
J5242 Airmax Waist Belt
J5462 Airmax Sweatband

Honeywell Bionic Face Shield

A revolutionary face shield designed for rugged jobs. Extremely lightweight and highly adjustable for all-day comfort – it is ideal for workers exposed to impact, chemical splash and airborne debris.

Description	Min. Qty.
1011933 Bionic c/w clear acetate visor	4
1011624 Bionic c/w clear polycarbonate fog ban, anti-scratch visor	4
1011623 Bionic c/w clear polycarbonate uncoated visor	4
1015113 Bionic frame and headband without visor	4

Replacement Visors

1011625 Clear, uncoated, polycarbonate visor	10
1011628 Shade 3, uncoated, polycarbonate visor	10
1011629 Shade 5, uncoated, polycarbonate visor	10



Honeywell Supervizor Face Shield

Robust, heavy duty helmet mounted faceshield with hearing protection compatibility.

Description	Min. Qty.
1002302 Helmet-mounted visor holder	10
1002297 Browguard with ratchet headband	10

Replacement Visors

1002310 Clear, polycarbonate visor (200mm)	10
1002312 Clear, polycarbonate visor (230mm)	10
1002316 Clear, abrasion-resistant polycarbonate visor (230mm)	10
1002328 Green shade 1.7 visor (230mm) – not for welding	10



Honeywell Clearways Browguard

Value browguard Clearways offers both strength and durability with economical replacement visors available in acetate or polycarbonate.

Description	Min. Qty.
1002341 CB20 Grey browguard with ratchet headband	10
1002346 CB14 Grey browguard with elastic headband	10

Replacement Visors

1002360 Clear, acetate visor (200mm)	10
1002353 Clear, polycarbonate visor (200mm)	10
1002365 Green acetate Shade 1.7 visor (200mm)	10
1002369 Green acetate Shade 3 visor (200mm)	10
1002370 Green acetate Shade 5 visor (200mm)	10



Hearing Protection

1581

Ear Defenders
SNR 19
Qty: 10-60



1439

Ear Defenders
SNR 27
Qty: 10-60



1623

Ear Defenders
SNR 25
Qty: 10-60



1585

Ear Defenders – Fold Flat
SNR 30
Qty: 10-60



1620

Corded Foam
Ear Plugs
Qty: 200 pairs



1621

Corded Re-usable
Ear Plugs
Qty: 400 pairs



1624

Banded Re-usable
Ear Plugs
Qty: 40



1586

H10 Disposable Ear Plugs
Orange/Regular Uncorded
Bulk Pack Qty: 200 pairs



1626

H10 Disposable
Ear Plugs Dispenser
Black/Universal



Eye Protection

UV-9301-815

uvex Ultravision Clear Goggles
Qty: Box of 1 / Case of 90

- UV 2.1.2 supravision
HC-AF lens



1006193

Honeywell V-MAXX Clear Goggles
Qty: Box of 10

- Indirect vent
- Polycarbonate non-mist lens
- Anti-scratch/mist
- Can be worn over prescription eyewear



UV-9301-317

uvex Ultrashield – Faceguard Only
(attaches to the Ultravision)
Qty: Box of 1 / Case of 120



UV-9301-555

uvex Flip-Up Ultrashield – Clear Faceguard Only
(attaches to the Ultravision)
Qty: Box of 1 / Case of 18

- UV 2.1.2 supravision
HC-AF transparent
grey faceguard
- EN166 1B CE



1508

Ski Style Goggles
Qty: 12-144

- Wide vision
- Soft rubber body
- Exceptional fit and comfort
- Withstands high temperatures
- Anti-scratch/mist



1432

Large Panorama Goggles
Qty: 1-50

- Excellent vision
- Indirect vent
- Anti-mist



1430

Clear Goggles
Qty: 1-100

- Indirect vent



1431

Clear Goggles
Qty: 1-100

- Direct vent



EU-FFP2V-M

Meshed Valved Masks

Protects against fine hazardous dust particles and light welding fumes

Qty: Box of 10



EU-FFP3V-M

Meshed Valved Masks

Protects against toxic dust, light radioactive dust, bacteria and viruses

Qty: Box of 5



EU-FFP2VC-M

Meshed Valved Masks

Activated charcoal protects against odours and organic vapours

Qty: Box of 10



EU-FFP2V-F

Fold Flat Valved Masks

Protects against fine hazardous dust particles and light welding fumes

Qty: Box of 10



EU-FFP3V-F

Fold Flat Valved Masks

Protects against toxic dust, light radioactive dust, bacteria and viruses

Qty: Box of 10



EU-FFP20VC-F

Fold Flat Valved Masks

Activated charcoal protects against odours and organic vapours

Qty: Box of 10



Hand Protection

1943 Size 10

Reinforced Palm Rigger

Qty: Box of 1-120



1944 Size 10

Canadian Rigger

Qty: Box of 1-120



1945 Size 10

Power Rigger

Qty: Box of 1-120



1946 Size 10

Furniture Hide Rigger

Qty: Box of 1-120



1951 Size 10

PVC Glove

Qty: Box of 10-100



1959 Size 10 1959/S9 Size 9

Nitrile Glove – Black
Qty: Box of 12-120



1957 Size 10 1957/S9 Size 9

Gripper Glove – Orange
Qty: Box of 1-120



1958 Size 10 1958/S9 Size 9

Gripper Glove – Green
Qty: Box of 1-120



Protective Clothing

99670 L 99680 XL 99690 XXL

Breathable Combination Coverall Qty: Case of 25

Solutions

- Provides protection against chemical splash and particles
- Has a specially designed back panel, providing exceptional breathability and wearer comfort
- Benefits from a very low linting combination of fabrics

Areas of Use

- Paint spraying in automotive and aerospace
- Pharmaceutical industries
- Manufacturing
- Utilities
- Electronics
- Agriculture



CE0120



EN ISO 13982-1:2004
Type 5
Particle protection



EN 13034:2005
Type 6
Limited splash protection



EN 1073-2:2002
Radioactive dust contamination protection



EN 1149-1:1995
Antistatic



CE0120



EN ISO 13982-1:2004
Type 5
Particle protection



EN 13034:2005
Type 6
Limited splash protection



EN 1073-2:2002
Radioactive dust contamination protection



EN 1149-1:1995
Antistatic



EN ISO 14116:2008
Limited Flame Spread

99750 L 99760 XL 99770 XXL

Flame-Retardant Coverall Qty: Case of 25

Solutions

- Provides protection against chemical splash and particles
- Enhances safety by protecting the wearer from limited exposure to sparks and chemicals
- Reduces fatigue through increased user comfort and freedom of movement
- Reduces motion and inventory, since wearer needs to replace garment less often, driving increased efficiency and productivity

Areas of Use

- Foundries
- Fabricated metal products
- Petrochemical plants & refineries
- Fuel distribution
- Utilities



DISPOSABLE GLOVES



BODYGUARDS®

White Latex Lightly Powdered Disposable Gloves

BOD-GL8183 L Qty: Box of 100

BOD-GL8185 XL Qty: Box of 100

Black Nitrile Non-Sterile Powder-Free Exam Gloves

BOD-GL8973 L Qty: Box of 100

BOD-GL8975 XL Qty: Box of 100

Blue Nitrile Lightly Powdered Disposable Gloves

BOD-GL8993 L Qty: Box of 100

BOD-GL8995 XL Qty: Box of 100

HI-VIS GARMENTS

3105 M

3106 L

3107 XL

3134 M

3135 L

3136 XL

3140 M

3141 L

3142 XL



Waistcoat
2 Band & Brace
Qty: 1-50



Trousers
2 Band
Qty: 1-50



Bomber Jacket
2 Band & Brace
Qty: 1-10

SAFETY WEAR

Terms & Conditions

The buyer's attention is in particular drawn to the provisions of condition 12.4.

1. INTERPRETATION

- 1.1 The definitions and rules of interpretation in this condition apply in these conditions.
Buyer: the person, firm or company who purchases the Goods from the Company.
Company: Specialised Welding Products Limited (company number: 02573967) whose registered office is at Unit 1, Farrington Industrial Estate, Farrington, Alton, Hampshire GU34 3DD.
Contract: any contract between the Company and the Buyer for the sale and purchase of the Goods, incorporating these conditions.
Delivery Point: the place where delivery of the Goods is to take place under condition 4.
Goods: any goods agreed in the Contract to be supplied to the Buyer by the Company (including any part or parts of them).
- 1.2 A reference to a particular law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.
- 1.3 Words in the singular include the plural and in the plural include the singular.
- 1.4 A reference to one gender includes a reference to the other gender.
- 1.5 Condition headings do not affect the interpretation of these conditions.

2. APPLICATION OF TERMS

- 2.1 Subject to any variation under condition 2.3 the Contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions which the Buyer purports to apply under any purchase order, confirmation of order, specification or other document).
- 2.2 No terms or conditions endorsed on, delivered with or contained in the Buyer's purchase order, confirmation of order, specification or other document shall form part of the Contract simply as a result of such document being referred to in the Contract.
- 2.3 These conditions apply to all the Company's sales and any variation to these conditions and any representations about the Goods shall have no effect unless expressly agreed in writing and signed by Jeremy Packer of the Company. The Buyer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.
- 2.4 Each order or acceptance of a quotation for Goods by the Buyer from the Company shall be deemed to be an offer by the Buyer to buy Goods subject to these conditions.
- 2.5 No order placed by the Buyer shall be deemed to be accepted by the Company until a written acknowledgement of order is issued by the Company or (if earlier) the Company delivers the Goods to the Buyer.
- 2.6 The Buyer shall ensure that the terms of its order and any applicable specification are complete and accurate.
- 2.7 Any quotation is given on the basis that no Contract shall come into existence until the Company despatches an acknowledgement of order to the Buyer. Any quotation is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it and unless otherwise stated.

3. DESCRIPTION

- 3.1 The quantity and description of the Goods shall be as set out in the Company's quotation or acknowledgement of order.
- 3.2 All samples, drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods described in them. They shall not form part of the Contract and this is not a sale by sample.

4. DELIVERY

- 4.1 Delivery of the Goods shall take place at the Company's place of business, or if some other place for delivery is agreed in writing by the Company, by the Company delivering the Goods to that place.
- 4.2 Any dates specified by the Company for delivery of the Goods are intended to be an estimate and time for delivery shall not be made of the essence by notice. If no dates are so specified, delivery shall be within a reasonable time.
- 4.3 Subject to the other provisions of these conditions the Company shall not be liable for any direct, indirect or consequential loss (all three of which terms include, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss), costs, damages, charges or expenses caused directly or indirectly by any delay in the delivery of the Goods (even if caused by the Company's negligence), nor shall any delay entitle the Buyer to terminate or rescind the Contract unless such delay exceeds 180 days.
- 4.4 If for any reason the Buyer fails to accept delivery of any of the Goods when they are ready for delivery, or the Company is unable to deliver the Goods on time because the Buyer has not provided appropriate instructions, documents, licences or authorisations:
 - (a) risk in the Goods shall pass to the Buyer (including for loss or damage caused by the Company's negligence);
 - (b) the Goods shall be deemed to have been delivered; and
 - (c) the Company may store the Goods until delivery, whereupon the Buyer shall be liable for all related costs and expenses (including, without limitation, storage and insurance).
- 4.5 The Buyer shall provide at the Delivery Point and at its expense adequate and appropriate equipment and manual labour for loading the Goods.
- 4.6 If the Company delivers to the Buyer a quantity of Goods of up to 20% more or less than the quantity accepted by the Company, the Buyer shall not be entitled to object to or reject the Goods or any of them by reason of the surplus or shortfall and shall pay for such goods at the pro rata Contract rate.
- 4.7 Where the Goods are to be delivered in instalments, each delivery shall constitute a separate contract and failure by the Company to deliver any one or more instalments in accordance with these conditions or any claim by the Buyer in respect of any one or more instalments shall not entitle the Buyer to treat the Contract as a whole as repudiated.

5. NON-DELIVERY

- 5.1 The quantity of any consignment of Goods as recorded by the Company on despatch from the Company's place of business shall be conclusive evidence of the quantity received by the Buyer on delivery unless the Buyer can provide conclusive evidence proving the contrary.
 - 5.2 The Company shall not be liable for any non-delivery of Goods (even if caused by the Company's negligence) unless the Buyer gives written notice to the Company of the non-delivery within (five) days of the date when the Goods would in the ordinary course of events have been received.
 - 5.3 Any liability of the Company for non-delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.
- ## 6. SALE AND RETURNS POLICY
- 6.1 The Company will accept Goods for return if they have been wrongly or over ordered provided that the Goods:
 - (a) are normal stock items and have not been manufactured or obtained to the Buyer's specification;
 - (b) are returned to the Company in an 'as new' condition, in their original packaging and do not have any tags or labels attached;
 - (c) have been supplied by the Company within the last three months; and
 - (d) are returned to the Company at the Buyer's cost (within five days of the date of delivery).
 - 6.2 Claims for wrong, faulty or damaged Goods must be made within five days of the date of despatch by the Company. Any claim for loss or damage of Goods in transit cannot be considered for Goods which have been signed for at the time of delivery as having been received in good condition and as being complete.

7. RISK/TITLE

- 7.1 The Goods are at the risk of the Buyer from the time of delivery.
 - 7.2 Ownership of the Goods shall not pass to the Buyer until the Company has received in full (in cash or cleared funds) all sums due to it in respect of:
 - (a) the Goods; and
 - (b) all other sums which are or which become due to the Company from the Buyer on any account.
 - 7.3 Until ownership of the Goods has passed to the Buyer, the Buyer shall:
 - (a) hold the Goods on a fiduciary basis as the Company's bailee;
 - (b) store the Goods (at no cost to the Company) separately from all other goods of the Buyer or any third party in such a way that they remain readily identifiable as the Company's property;
 - (c) not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
 - (d) maintain the Goods in satisfactory condition and keep them insured on the Company's behalf for their full price against all risks to the reasonable satisfaction of the Company. On request the Buyer shall produce the policy of insurance to the Company.
 - 7.4 The Buyer may resell the Goods before ownership has passed to it solely on the following conditions:
 - (a) any sale shall be effected in the ordinary course of the Buyer's business at full market value; and
 - (b) any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making such a sale.
 - 7.5 The Buyer's right to possession of the Goods shall terminate immediately if:
 - (a) the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or (being a body corporate) convenes a meeting of creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filed with the court for the appointment of an administrator of the Buyer or notice of intention to appoint an administrator is given by the Buyer or its directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the Insolvency Act 1986), or a resolution is passed or a petition presented to any court for the winding-up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency of the Buyer; or
 - (b) the Buyer suffers or allows any execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to observe or perform any of his/its obligations under the Contract or any other contract between the Company and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986 or the Buyer ceases to trade; or
 - (c) the Buyer encumbers or in any way charges any of the Goods.
 - 7.6 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from the Company.
 - 7.7 The Buyer grants the Company, its agents and employees an irrevocable licence at any time to enter any premises where the Goods are or may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.
 - 7.8 Where the Company is unable to determine whether any Goods are the goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all goods of the kind sold by the Company to the Buyer in the order in which they were invoiced to the Buyer.
 - 7.9 On termination of the Contract, howsoever caused, the Company's (but not the Buyer's) rights contained in this condition 7 shall remain in effect.
- ## 8. PRICE
- 8.1 Unless otherwise agreed by the Company in writing, the price for the Goods shall be the price set out in the Company's price list published on the date of delivery or deemed delivery and which can be obtained from the Company's sales department.
 - 8.2 The Company reserves the right to alter prices without prior notice.
 - 8.3 The price for the Goods shall be exclusive of any value added tax and all costs or charges in relation to packaging, loading, unloading, carriage and insurance, all of which amounts the Buyer shall pay in addition when it is due to pay for the Goods.

Terms & Conditions (continued)

9. PAYMENT

- 9.1 Subject to condition 9.46 payment of the price for the Goods is due in pounds sterling within 60 calendar days of the date of the invoice sent by the Company to the Buyer. Unless otherwise stated on the buyers credit agreement.
- 9.2 Time for payment shall be of the essence.
- 9.3 No payment shall be deemed to have been received until the Company has received cleared funds.
- 9.4 All payments payable to the Company under the Contract shall become due immediately on its termination despite any other provision.
- 9.5 The Buyer shall make all payments due under the Contract in full without any deduction whether by way of set-off, counterclaim, discount, abatement or otherwise unless the Buyer has a valid court order requiring an amount equal to such deduction to be paid by the Company to the Buyer.
- 9.6 If the Buyer fails to pay the Company any sum due pursuant to the Contract, the Buyer shall be liable to pay interest to the Company on such sum from the due date for payment at the annual rate of 8% above the base lending rate from time to time of HSBC Bank Plc, accruing on a daily basis until payment is made, whether before or after any judgment. The Company reserves the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998.
- 9.7 The buyer shall be liable for all costs incurred in recovering monies overdue, including agent, collection, legal and court fees.

10. QUALITY

- 10.1 Where the Company is not the manufacturer of the Goods, the Company shall endeavour to transfer to the Buyer the benefit of any warranty or guarantee given to the Company.
- 10.2 The Company warrants that (subject to the other provisions of these conditions) on delivery, the Goods shall:
- (a) be of satisfactory quality within the meaning of the Sale of Goods Act 1979; and
 - (b) be reasonably fit for any particular purpose for which the Goods are being bought if the Buyer had made known that purpose to the Company in writing and the Company has confirmed in writing that it is reasonable for the Buyer to rely on the skill and judgement of the Company.
- 10.3 The Company shall not be liable for breach of the warranties in condition 10.2 unless:
- (a) the Buyer gives written notice of the defect to the Company, and, if the defect is as a result of damage in transit to the carrier, within 5 working days of the time when the Buyer discovers or ought to have discovered the defect; and
 - (b) the Company is given a reasonable opportunity after receiving the notice of examining such Goods and the Buyer (if asked to do so by the Company) returns such Goods to the Company's place of business [at the Company's cost] for the examination to take place there.
- 10.4 The Company shall not be liable for breach of the warranties in condition 10.2 if:
- (a) the Buyer makes any further use of such Goods after giving such notice; or
 - (b) the defect arises because the Buyer failed to follow the Company's oral or written instructions as to the storage, installation, commissioning, use or maintenance of the Goods or (if there are none) good trade practice; or
 - (c) the Buyer alters or repairs such Goods without the written consent of the Company.
- 10.5 Subject to condition 10.3 and condition 10.4, if any of the Goods do not conform with the warranties in condition 10.2 the Company shall at its option repair or replace such Goods (or the defective part) or refund the price of such Goods at the pro rata Contract rate provided that, if the Company so requests, the Buyer shall, [at the Company's expense], return the Goods or the part of such Goods which is defective to the Company.
- 10.6 If the Company complies with condition 10.5 it shall have no further liability for breach of the warranties in condition 10.2 in respect of such Goods.

11. DATA PROTECTION

- 11.1 The Company may transfer information about the Buyer to its financiers, who:
- (a) may use, analyse and assess information about the Buyer, including the nature of its transactions, and exchange such information with other members of their group of companies and others for credit or financial assessment, market research, statistical analysis, insurance claim, underwriting and financing purposes and in making payments and servicing their agreement with the Company;
 - (b) from time to time, may make searches of the Buyer's record at credit reference agencies where the Buyer's record with such agencies may include searches made and information given by other businesses; details of their searches will be kept by such agencies but will not be seen by other organisations that may make searches;
 - (c) may give information about the Buyer and its indebtedness to the following:
 - (i) the Company's or their insurers for underwriting and claims purpose;
 - (ii) any guarantor or indemnifier of the Buyer's or the Company's obligations to enable them to assess such obligations;
 - (iii) their bankers or any advisers working on their behalf;
 - (iv) any business to whom the Buyer's indebtedness or the Company's arrangements with them may be transferred – to facilitate such transfer;
 - (d) may monitor and/or record any phone calls the Buyer may have with them, for training and/or security purposes;
 - (e) in the event that they transfer all or any of their rights and obligations under their agreement with the Company to a third party, they may transfer information about the Buyer to enable the third party to enforce their rights or comply with the obligations.
- 11.2 The Company will provide the Buyer with details of its financiers on request, including a contact telephone number if the Buyer would like to have details of the credit reference agencies and other third parties referred to above from whom they obtain and to whom they may give information about the Buyer. The Buyer also has the right to receive a copy of certain information that they hold about it if it applies in writing. However a fee will be payable.

12. LIMITATION OF LIABILITY

- 12.1 Subject to condition 4, condition 5 and condition 10, the following provisions set out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to the Buyer in respect of:
- (a) any breach of these conditions;
 - (b) any use made or resale by the Buyer of any of the Goods, or of any product incorporating any of the Goods; and
 - (c) any representation, statement or tortious act or omission including negligence arising under or in connection with the Contract.
- 12.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 12.3 Nothing in these conditions excludes or limits the liability of the Company:
- (a) for death or personal injury caused by the Company's negligence; or
 - (b) under section 2(3), Consumer Protection Act 1987; or
 - (c) for any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
 - (d) for fraud or fraudulent misrepresentation.
- 12.4 Subject to condition 12.2 and condition 12.3:
- (a) the Company's total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price; and
 - (b) the Company shall not be liable to the Buyer for loss of profit, loss of business, or depletion of goodwill in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.

13. ASSIGNMENT

- 13.1 The Company may assign the Contract or any part of it to any person, firm or company.
- 13.2 The Buyer shall not be entitled to assign the Contract or any part of it without the prior written consent of the Company.

14. FORCE MAJEURE

The Company reserves the right to defer the date of delivery or to cancel the Contract or reduce the volume of the Goods ordered by the Buyer (without liability to the Buyer) if it is prevented from or delayed in the carrying on of its business due to circumstances beyond the reasonable control of the Company including, without limitation, acts of God, governmental actions, war or national emergency, acts of terrorism, protests, riot, civil commotion, fire, explosion, flood, epidemic, lock-outs, strikes or other labour disputes (whether or not relating to either party's workforce), or restraints or delays affecting carriers or inability or delay in obtaining supplies of adequate or suitable materials, provided that, if the event in question continues for a continuous period in excess of [30] days, the Buyer shall be entitled to give notice in writing to the Company to terminate the Contract.

15. GENERAL

- 15.1 Each right or remedy of the Company under the Contract is without prejudice to any other right or remedy of the Company whether under the Contract or not.
- 15.2 If any provision of the Contract is found by any court, tribunal or administrative body of competent jurisdiction to be wholly or partly illegal, invalid, void, voidable, unenforceable or unreasonable it shall to the extent of such illegality, invalidity, voidness, voidability, unenforceability or unreasonableness be deemed severable and the remaining provisions of the Contract and the remainder of such provision shall continue in full force and effect.
- 15.3 Failure or delay by the Company in enforcing or partially enforcing any provision of the Contract shall not be construed as a waiver of any of its rights under the Contract.
- 15.4 Any waiver by the Company of any breach of, or any default under, any provision of the Contract by the Buyer shall not be deemed a waiver of any subsequent breach or default and shall in no way affect the other terms of the Contract.
- 15.5 The parties to the Contract do not intend that any term of the Contract shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 15.6 This Contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with English law, and the parties submit to the exclusive jurisdiction of the English courts.

16. COMMUNICATIONS

- 16.1 All communications between the parties about the Contract shall be in writing and delivered by hand or sent by pre-paid first class post or sent by fax:
- (a) (in case of communications to the Company) to its registered office or such changed address as shall be notified to the Buyer by the Company; or
 - (b) (in the case of the communications to the Buyer) to the registered office of the addressee (if it is a company) or (in any other case) to any address of the Buyer set out in any document which forms part of the Contract or such other address as shall be notified to the Company by the Buyer.
- 16.2 Communications shall be deemed to have been received:
- (a) if sent by pre-paid first class post, two days (excluding Saturdays, Sundays and bank and public holidays) after posting (exclusive of the day of posting); or
 - (b) if delivered by hand, on the day of delivery; or
 - (c) if sent by fax on a working day prior to 4.00 pm, at the time of transmission and otherwise on the next working day.
- 16.3 Communications addressed to the Company shall be marked for the attention of Jeremy Packer.



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