



Tigair Air Powered Portable Hacksaw

Take it anywhere, cut anything a hacksaw cuts! The lightweight, easy to handle Tigair cuts smoothly, quietly, with a full 1¾" stroke, up to 1200 strokes per minute. Using standard high speed hacksaw blades, it cuts up, down, straight line or in tight curves, and produces a burrless cut that virtually eliminates final grinding.

The Tigair's cutting speed is adjustable downward from 1200 strokes per minute, and unlike electric tools, it cannot be damaged by stalling. It will cut under water, in oils, wastes, slurries, etc., and because it is air-powered, it can be used in sensitive areas where other tools present hazards. A unique self-lubricating system oils all moving parts including the blade. The Tigair complies with OSHA standards.

Please Note: We recommend the usage of our Master Speed Oil or a Grade 10 machine oil.

Specifications:

Speed: 0 to 1200 strokes per minute, adjustable.

Stroke: 1¾ inches.

Air Consumption: 6½ Cubic Feet per minute.

Dimensions: 16" long, 5¾" high, 15/8" wide.

Weight: 6 pounds

Recommended Air Pressure: 90-110 lbs. per sq. in.

Accessories

Increase the convenience and versatility of the "Tigair"

Blades • For Metal Cutting...

SUPER SPEED, HIGH SPEED HACKSAW BLADES: 12" x 1/2" x 0.25

Type 38, all hard, with 14, 18, 24, or 32TPI

Type 38F, flexible, with 14, 18, 24, or 32TPI.

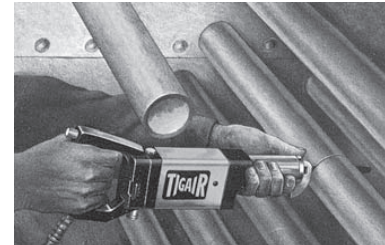
Sculpture Blade: all hard, 6" x ¼" x .025 x 18 TPI.

For Other Materials • All Purpose Blade

It cuts PVC pipe, Plywood, Plaster board, asbestos and other synthetic materials. Its has 10 teeth per inch, and is heat treated to the hardness of a high speed hacksaw blade. It makes a cut 10½" long. A special nosepiece (Part No.72 shown below) is recommended. The pipe cutting guide shown at right can be easily modified to use this heavier blade.



AB 00001



IDEAL for REPAIR

or fabrication of metals in aircraft, RV's, truck bodies, etc. It leaves a smooth, Burrless cut to minimize final grinding.

SAVE TIME & MONEY

in plant maintenance. The Tigair reaches into tight corners, saves bringing the work to a fixed saw.

Tigair Pipe Cutting Guide...

This useful accessory cuts pipe precisely to the angle of your choice. It accommodates 5½" pipe at 90 degrees down to 3" pipe at 45 degrees. It holds the pipe securely with a chain grip. The vertical blade guides swivel to the angle you select.



Master Speed Red Oil •

This special blend of premium lubricants is recommended for use with the Tigair. An ideal oil for air tools, it is dyed red for easy visual checks of the oil content. Available in a six pack of 8 oz. cans, or in pints, quarts and gallons.



Carrying Case

All steel, with black enamel finish 18¼" L., 7½", 2" High. Each Tigair is shipped in this sturdy carrying case, with one 8 oz. can of Master Speed Red Oil and 6 Super speed, high speed 12" blades. Shipping wt.: 12 lbs.



Parts & Repairs...

The Sheffield House maintains extensive repair facilities and parts inventory at the Montrose, California warehouse. Tigair parts are interchangeable with the discontinued McCulloch Airmaster or Atlas Copco MRS 20.

Our Guarantee •

The Tigair saw is guaranteed for six months against defective materials or workmanship in manufacture, provided that (1) Master Speed Red oil is used as lubricant; and (2) that the unit is returned to the seller with working parts intact, not having been dismantled or otherwise tampered with.

Chipping Hammers

NC•AA Series

Model No	Piston Dia.	Stroke	Blow	Overall	Weight	Air Consumption	Air Hose	Shank Size
NC-0S	20mm	45mm	3,000	280mm	2.4kg	0.35m ³ /min	9.5 3/8	12.7 x 47mm
NC-1S	28.5mm	26mm	3,000	355mm	5.5kg	0.55m ³ /min	12.7 1/2	17.5mm
NC-2S	28.5mm	51mm	2,600	395mm	6.1kg	0.6m ³ /min	12.7 1/2	17.5mm
NC-3S	28.5mm	76mm	2,300	440mm	6.5kg	0.6m ³ /min	12.7 1/2	17.5mm
NC-4S	28.5mm	102mm	1,800	478mm	6.9kg	0.65m ³ /min	12.7 1/2	17.5mm
AA-10S	24mm	51mm	2,800	295mm	4.2kg	0.4m ³ /min	12.7 1/2	17.5mm



NC-0S

AB00919 (SHINTO)
AB00002 (NKS)



NC-1S

AB00003



NC-2S

AB00004



NC-3S

AB00005



AA-10S

AB00006



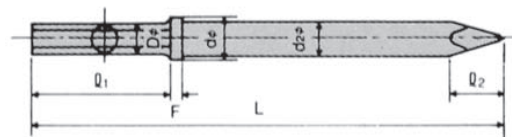
NC-4S

AB00978

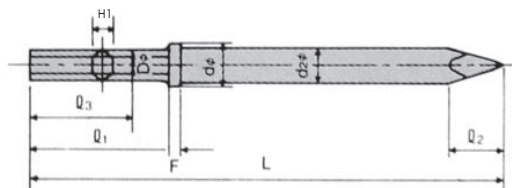
Shank Dimension (NC/AA Series)

Type No.	D ø mm	H 1 mm	l 1 mm	l 3 mm	d ø mm	d2 ø mm	F mm	l 2 mm	L mm
NC-0S	12.7	11	47	30	20	16	8	40	200
NC-1S									
NC-2S									
NC-3S									
NC-4S									
NC-10S									

Rounded Shank



Hex Shank



Flux Chippers

F Series



F-2
AB00548



F-25
AB00016

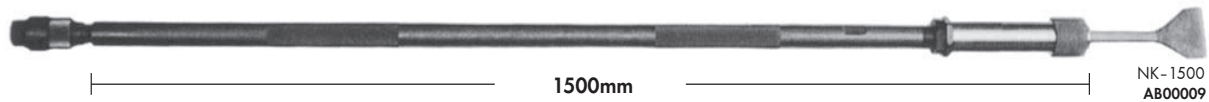


F-25J
AB00017

Model	Piston Dia.	Stroke	Blow	Overall Length	Weight	Air Consumption	Air Hose mm	Shank Size
F-2	22mm	22mm	4,000	187mm	1.2kg	0.25m ³ /min	9.5 3/8	12 x 25mm
F-25	25mm	22mm	4,000	217mm	1.9kg	0.4m ³ /min	9.5 3/8	12.7 x 25mm

Model	Piston Dia.	Stroke	Blow	Overall Length	Weight	Needle Size Quantity mm	Air Hose mm
F-25J	25mm	22mm	4,000	410mm	2.3kg	3 x 180 x 19	9.5 3/8

Model	Piston Dia.	Stroke	Blow	Overall Length	Weight	Air Consumption	Air Hose mm	Shank Size
NK-1500	25mm	22mm	4,000	1,250mm	5.1kg	0.35m ³ /min	12.7 1/2"	12.7 x 25mm



NK-1500
AB00009

G Series Air Die Grinder / Air Straight Grinder



NG-45
AB00010



NG-65
AB00011



NG-65L
AB00549



NG-75
AB00014



NG-75L
AB00013

Model No	Wheel Size	Chuck Nut Size	Free Speed R • P • M	Overall Length	Weight	Air Consumption	Air Hose mm
NG-45	25mm	3 or 6mm	20,000	167mm	0.7kg	0.4m ³ /min	9.5 3/8
NG-65	25mm	6mm	16,000	310mm	1.2kg	0.5m ³ /min	9.5 3/8
NG-65L	25mm	6mm	16,000	370mm	1.35kg	0.5m ³ /min	9.5 3/8
NG-65C	65 x 13 x 9.5		16,000	280mm	1.3kg	1m ³ /min	9.5 3/8
NG-75	25mm	6mm	15,000	310mm	1.35kg	0.6m ³ /min	9.5 3/8
NG-75L	25mm	6mm	15,000	515mm	2.5kg	0.6m ³ /min	9.5 3/8
NG-75C	75 x 13 x 9.5		12,000	295mm	1.45kg	1.2m ³ /min	9.5 3/8



NG-65C
AB00012



NG-75C
AB00015

NAS Series Air Angle Grinder

Model No	Wheel Size mm	Diamond Wheel Size mm	Free Speed R • P • M	Overall Length	Weight	Air Consumption	Air Hose mm
NAS-4B	100 x 6 x 15.9	100 x 2 x 20 (15 x 60)	13,000	215mm	1.8kg	0.75m ³ /min	9.5 3/8
NAS-7B	180 x 6 x 22.2	180 x 2 x 25 (100 x 25)	7,000	275mm	3.5kg	1.2m ³ /min	12.7 1/2



NAS-4B
AB00007



NAS-7B
AB00008

NSK

7" Vertical Polisher SP-1240

AB00536



Pad size : 180mm (7")
Free Speed : 2,000rpm
Length : 190mm (7-1/2")
Weight : 2.5kg (5.5lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

7" Heavy Duty Vertical Grinder SP-7000

AB00904



Pad size : 180mm (7")
Free Speed : 7,000rpm
Length : 185mm (7-1/2")
Weight : 4.4kg (9.7lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 3/4"

9" Heavy Duty Vertical Grinder SP-7800

AB00905



Pad size : 230mm (9")
Free Speed : 6,000rpm
Length : 190mm (7-12/25")
Weight : 5.1kg (11.22lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

Mini Sanders SP-1340DA

AB00534



Pad size : 76.2mm (3")
Free Speed : 15,000 - 18,000rpm
Length : 120mm (4.7")
Weight : 0.7kg (1.5lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 3/8"

Air Sander SP-7718

AB00913



Pad size : 90mm x 197mm (3-1/2" x 7-3/4")
Free Speed : 8,000rpm
Length : 203mm (8")
Weight : 1.97kg (4.33lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

Air Sander SP-7719 (Straight Line-2 Pistons)

AB00914



Pad size : 70mm x 444mm (2-1/2" x 16")
Free Speed : 2,500rpm
Length : 410mm (16")
Weight : 3.1kg (6.82lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

Belt Sander SP-1370

AB00543



Belt size : 10mm x 330mm (3-15/16" x 13")
Free Speed : 16,000rpm
Length : 260mm (10-1/4")
Weight : 0.9kg (1.9lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

5" Air Orbital Sander SP-3605DF-A5MX

AB00039



Pad size : 127mm (5")
Orbit diameter : 5mm (3/16")
Free Speed : 10,000rpm
Length : 153mm (6")
Weight : 0.81kg (1.78lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

Air Hammer SP-1410

AB00018



Piston diameter : 19.05mm (3/4")
Needle : 66mm (2-5/8")
Blow per min. : 3,500rpm
Length : 175mm (6-8/9")
Weight : 1.44kg (2.71lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

Air Long Scaler SP-1600 1820mm SP-1602 1220mm

AB00911
AB00912



Impact per min. : 2,000bpm
Chisel width : 100mm
Weight : 6.6kg (15lbs)
Length : 620mm (24.4")
Air Inlet (PT) : 3/8"

Air Engraving Pen SP-9000

AB00906



Collect size : 3mm (1/8")
Free Speed : 3,500-3,800rpm
Weight : 1.02kg (2.25lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

Air Flux Chipper SP-1470FC

AB00532



Impact per min. : 4,000bpm
Chisel shank : Square
Weight : 2.6kg (7lbs)
Length : 190mm (7-1/2")
Air Inlet (PT) : 1/4"

Air Needle Scaler SP-1470

AB00020



Impact per min. : 4,000bpm
Needle : 3 x 180 x 19pcs
Weight : 2.7kg (6lbs)
Length : 410mm (16.1")
Air Inlet (PT) : 1/4"

Air Needle Scaler SP-1450 (JT-20)

AB01001



Impact Per Min. (bpm) : 4800
No. of Needle (Chisel Width) : Ø 3 x 125 x 12pcs
Air Inlet (PT) : 1/4"
Air Pressure (Bar) : 6.2
Air Consumption (L/min) : 230
Mass (weight) : 1.2 kg
Overall Length : 290 mm
Piston (Ø Xstroke mm) : 18 x 14 x 47

Air Needle Scaler SP-1460 (JEX-20)

AB01002



Impact Per Min. (bpm) : 3700
No. of Needle (Chisel Width) : Ø 3 x 180 x 19pcs
No. of Needle (Chisel Width Option) : Ø 2 x 180 x 29pcs
Air Inlet (PT) : 1/4"
Air Pressure (Bar) : 6.2
Air Consumption (L/min) : 160
Mass (weight) : 2.6 kg
Overall Length : 375 mm
Piston (Ø Xstroke mm) : 23.5 x 20 x 73

Air Needle Scaler Model SP1485 (JEX-24)



AB01003

Specifications	
Impact Per Min. (bpm)	4000
No. of Needle (Chisel Width)	Ø 3 x 180 x 23pcs
Needle Option (Chisel Width Option)	Ø 2 x 180 x 53pcs
Air Inlet (PT)	3/8"
Air Pressure (Bar)	6.2
Air Consumption (L/min)	285
Mass (weight)	2.8 kg
Overall Length	335 mm
Piston (Ø X stroke mm)	24 x 22 x 56

Air Needle Scaler Model SP1480 (JEX-28)



AB00908

Specifications	
Impact Per Min. (bpm)	3800
No. of Needle (Chisel Width)	Ø 3 x 180 x 28pcs
Needle Option (Chisel Width Option)	Ø 4 x 180 x 14pcs
Mass (weight)	3.0kg (7.9lbs)
Overall Length	350mm (14.2")
Air Inlet (PT)	3/8"

Air Needle Scaler Model SP1490



AB00909

Specifications	
Impact Per Min. (bpm)	2500
No. of Needle (Chisel Width)	Ø 3 x 180 x 49pcs
Needle Option (Chisel Width Option)	Ø 4 x 180 x 35pcs
Mass (weight)	6kg (13.2lbs)
Overall Length	460mm
Air Inlet (PT)	1/4"
Piston (Ø X stroke mm)	33 x 28.5 x 94

Air Needle Scaler Model SP1495



AB01004

Specifications	
Impact Per Min. (bpm)	3800
No. of Needle (Chisel Width)	Ø 3 x 180 x 19pcs
Needle Option (Chisel Width Option)	Ø 2 x 180 x 29pcs
Air Inlet (PT)	1/4"
Air Pressure (Bar)	6.2
Air Consumption (L/min)	285
Mass (weight)	2.7 kg
Overall Length	330 mm
Piston (Ø X stroke mm)	23.5 x 20 x 73

Electric Needle Scaler Model EJC-32A



AB00204

Specifications	
Power Supply	AC115V or AC230 V, 50/60 Hz
Rated Power Consumption	300W
Rated Current	2.8A or 1.4 A
Rated Duty	30 minutes
Stroke Speed	3000 min ⁻¹
Needles to be used	Dia. 3mm x 180mm long (15pcs) or 2mm x 180mm long (32pcs)
Power Cord Length	2.5 meters
Dimensions	520mm(L) x 82mm(W) x 171.5mm(H)
Mass (weight)	4.5kg
Standard Accessories Needles	3mm(D) x 180(L), 15 pcs. mounted, extra 15pcs. incarton. Hex spanner 6 mm.

Optional Needles

Specifications	
Size	Qty per container
2mm dia x 180	100 AB00205
3mm dia x 180	100 AB00206
4mm dia x 180	50 AB00207



AB00205
AB00206
AB00207

Mini Beveler Ring Type Model AMB-0307 AB00208 Lever Type Model AMBL-0307 AB00209 HAND BEVELER



AB00208
AB00209

Specifications	
Rated air pressure	0.59 M Pa (6 kgf/cm ² , 5.9 bar)
Rated air consumption	0.9 m ³ /min
Free speed Chamfering Capacity	13,000 r.p.m.
	0 ~ 3C stainless steel
	0 ~ 7C mild steel (upto 4C for 1st cut)
Chamfering Angle	15° - 45°
Mass (weight)	2.9 kg

Mini Beveler Model MB-03A (Electric)



AB00210

Specifications	
Rated voltage	AC230V 50/60Hz AC110V 50/60Hz
Rated current	2A 4.5A
Rated output	430W
Chamfering Capacity	0-3C
Chamfer angle	45°
Chamfering Radius Capacity	2R 3R
Rated revolution	7100 r.p.m.
Overall length	316 mm
Mass (weight)	2.5 kg

Air Saw SP-1730

AB00040



Cutting capacity (Steel) : 3mm (0.12")
 Stroke length : 10mm (0.39")
 Stroke per min. : 10,000b.p.m
 Air consumption : 240 l/min (8.5cfm)
 Vibration level : 21.89m/s²

Air Saw SP-1720

AB00529



Cutting capacity (Alu) : 3mm (0.12")
 Stroke length : 10mm (0.39")
 Stroke per min. : 5,000s.p.m
 Air consumption : 240 l/min (8.5cfm)
 Vibration level : 2.6m/s²

Air Shear SP-1701S

AB00533



Free speed : 2,200r.p.m
 Avg. Air Consumption : 283 l/min (10cfm)
 Cutting capacity (Steel) : 1.2mm
 Cutting capacity (Aluminium) : 2.0mm
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

5mm Screw Driver (Straight) External Adjustable Type SP-1800A

AB00544



Bolt capacity : 5mm (13/64")
 Free speed : 1,300rpm
 Max. Torque : 8Nm (5.9ft-lbs)
 Length : 273mm (10-3/4")
 Weight : 1.13kg (2.49lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

1/4" Adjustable Screw Driver SP-1810A

AB00545



Hex shank size : 6.35mm (1/4")
 Bolt capacity : 4mm (1/4")
 Free speed : 10,000rpm
 Max. Torque : 35Nm
 Length : 178mm (7")
 Weight : 0.7kg (1.5lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

1/4" Adjustable Screw Driver SP-1820A

AB00907



Hex shank size : 6.35mm (1/4")
 Bolt capacity : 6mm (1/4")
 Free speed : 800rpm
 Max. Torque : 5-16Nm (45-145in-lbs)
 Length : 216mm (8 1/2")
 Weight : 1.21kg (2.7 lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

Impact Driver SP-1826H

AB00546



Bolt capacity : 3-5mm (1/8"-13/64")
 Free speed : 1,800rpm
 Max. Torque : 2.5-9Nm (1.84-6.64ft-lbs)
 Length : 230mm (9")
 Weight : 1.3kg (2.86lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

Impact Driver SP-8102B

AB00547



Hex shank size : 6.35mm (1/4")
 Bolt capacity : 4.5mm (6/32")
 Free speed : 13,000rpm
 Max. Torque : 35Nm (26in-lbs)
 Length : 143mm (5-3/5")
 Weight : 0.88kg (1.9lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3/8" Reversible Angle Drill SP-1510AH

AB00021



Drilling capacity : 10mm (3/8")
 Free speed : 1,800r.p.m
 Length : 180mm (7")
 Weight : 1.8kg (4lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3/8" Air Drill SP-1511

AB00527



Drilling capacity : 10mm (3/8")
 Free speed : 1,800r.p.m
 Length : 180mm (7")
 Weight : 1.1kg (2.4lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3/8" Air Reversible Drill SP-1525

AB00539



Drilling capacity : 10mm (3/8")
 Free speed : 1,800r.p.m
 Length : 180mm (7")
 Weight : 0.9kg (2lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3/8" Air Drill SP-1540

AB00537



Drilling capacity : 10mm (3/8")
 Free speed : 2000r.p.m
 Length : 165mm (6.5")
 Weight : 1.13kg (2.5lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

1/2" Air Reversible Drill SP-1527

AB00022



Drilling capacity : 13mm (1/2")
 Free speed : 800r.p.m
 Length : 180mm (7")
 Weight : 0.9kg (2lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

1/2" Air Drill SP-1530

AB00910



Drilling capacity : 13mm (1/2")
 Free speed : 800r.p.m
 Length : 180mm (7")
 Weight : 0.9kg (2lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

8mm Air Spot Drill SP-6650

AB00915



Drilling capacity : 8mm
 Free speed : 1,800r.p.m
 Length : 228mm (9")
 Weight : 1.4kg (3.1lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

8mm Air Spot Drill SP-6651

AB00916



Drilling capacity : 8mm
Free speed : 1,800rpm
Length : 235mm (9-2/7")
Weight : 1.9kg (4.2lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

3/8" Pistol Grip Impact Wrench (Pin Clutch) SP-1135B

AB00025



SQ Drive : 9.5mm (3/8")
Bolt capacity : 13mm (1/2")
Free speed : 9,000rpm
Max. Torque : 216Nm (160 ft-lbs)
Length : 163mm (6-3/8")
Weight : 1.6kg (3-1/2 lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

1/2" Pro Impact Wrench (Twin Hammer) SP-1140EX

AB00026



SQ Drive : 12.7mm (1/2")
Bolt capacity : 20mm (13/16")
Free speed : 7,500rpm
Max. Torque : 746Nm (550ft-lbs)
Length : 203mm (8")
Weight : 2.4kg (5.5lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

1/2" Impact Wrench (Pin Clutch) SP-1145A

AB00027



SQ Drive : 12.7mm (1/2")
Bolt capacity : 18mm (3/4")
Free speed : 7,000rpm
Max. Torque : 610Nm (450ft-lbs)
Length : 198mm (7-7/8")
Weight : 2.6kg (5.7lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

1/2" Heavy Duty Impact Wrench (Twin Hammer) SP-7140 Composite Housing

AB00540



SQ Drive : 12.7mm (1/2")
Bolt capacity : 19mm (3/4")
Free speed : 7,500rpm
Max. Torque : 1287Nm (950ft-lbs)
Length : 195mm (7-11/16")
Weight : 2kg (4.4lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

1/2" Pro. Impact Wrench (Twin Hammer) SP-1148F

AB00028



SQ Drive : 12.7mm (1/2")
Bolt capacity : 16mm (5/8")
Free speed : 6,500rpm
Max. Torque : 813Nm (600ft-lbs)
Length : 182mm (7-3/8")
Weight : 2.8kg (6.16lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 3/8"

3/4" Heavy Duty Impact Wrench (Twin Hammer) SP-1156TR

AB00029



SQ Drive : 19mm (3/4")
Bolt capacity : 30mm (1-3/16")
Free speed : 5,500rpm
Max. Torque : 1,491Nm (1,100ft-lbs)
Length : 220mm (8-43/64")
Weight : 5.6kg (12.7lbs)
Air Inlet (PT) : 3/8"
Air Hose (I.D.) : 1/2"

1" Heavy Duty Impact Wrench (Pin Clutch) w/2" Anvil SP-1191

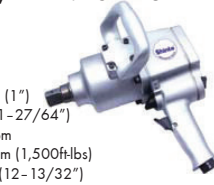
AB00541



SQ Drive : 25.4mm (1")
Bolt capacity : 38mm (1-1/2")
Free speed : 3,500rpm
Max. Torque : 1,763Nm (1,300ft-lbs)
Length : 252mm (9-7/8")
Weight : 5kg (11lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

1" Heavy Duty Impact Wrench (Twin Hammer) w/1" Anvil SP-1184P

AB00542



SQ Drive : 25.4mm (1")
Bolt capacity : 36mm (1-27/64")
Free speed : 4,000rpm
Max. Torque : 2,033Nm (1,500ft-lbs)
Length : 315mm (12-13/32")
Weight : 9.8kg (21.7lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 3/4"

1" Heavy Duty Impact Wrench (Twin Hammer) w/8" Anvil SP-1183E-8

AB00030



SQ Drive : 25.4mm (1")
Bolt capacity : 45mm (1-3/4")
Free speed : 4,200rpm
Max. Torque : 2,439Nm (1,800ft-lbs)
Length : 536mm (21-1/8")
Weight : 10.6kg (23.4lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

1" Heavy Duty Impact Wrench (Rocking Dog) w/8" Anvil SP-1186-8

AB00031



SQ Drive : 25.4mm (1")
Bolt capacity : 41mm (1-5/8")
Free speed : 3,500rpm
Max. Torque : 2,170Nm (1,600ft-lbs)
Length : 530mm (20-7/8")
Weight : 11kg (24.2lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

1" Impact Wrench (Rocking Dog) w/6" Anvil SP-1190-6 w/2" Anvil SP-1190-2

SP-1190-6 AB00033
SP-1190-2 AB00032



SQ Drive : 25.4mm (1")
Bolt capacity : 45mm (1-3/4")
Free speed : 3,000rpm
Max. Torque : 1,763Nm (1,300ft-lbs)
Length : 408mm (16-1/16")
Weight : 11kg (24.2lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

1" Heavy Duty Impact Wrench (Pin-Less) w/8" Anvil SP-5000E

AB00034



SQ Drive : 25.4mm (1")
Bolt capacity : 50mm (2")
Free speed : 3,000rpm
Max. Torque : 3,660Nm (2,700ft-lbs)
Length : 630mm (24-4/5")
Weight : 16kg (35.2lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 1/2"

1-1/2" Heavy Duty Impact Wrench (Twin Hammer) w/1" Anvil SP-6500

AB00639



SQ Drive : 38.1mm (1-1/2")
Bolt capacity : 50mm (2")
Free speed : 3,000rpm
Max. Torque : 4,065Nm (3,000ft-lbs)
Length : 450mm (17-3/4")
Weight : 19.7kg (43.3lbs)
Air Inlet (PT) : 1/2"
Air Hose (I.D.) : 3/4"

3/8" Air Ratchet Wrench SP-1762

AB00041



SQ Drive : 9.5mm (3/8")
Bolt capacity : 7mm (5/16")
Free speed : 230rpm
Max. Torque : 41Nm (30ft-lbs)
Length : 165mm (6-1/2")
Weight : 0.5kg (1.1lbs)
Air Inlet (PT) : 1/4"
Air Hose (I.D.) : 1/4"

1/2" Ratchet Wrench SP-1133-2



AB00042
 SQ Drive : 12.7mm (1/2")
 Bolt capacity : 12.7mm (1/2")
 Free speed : 170rpm
 Max. Torque : 68Nm (50ft-lbs)
 Length : 227mm (10-1/2")
 Weight : 1.2kg (2.6lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

1/8" Micro Air Die Grinder SP-8240



AB00637
 Collect size : 3mm (1/8")
 Free speed : 56,000rpm
 Length : 132mm (5-1/4")
 Weight : 0.2kg (0.5lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3mm Micro Air Die Grinder SP-8248D



AB00638
 Collect size : 3mm (1/8")
 Free speed : 35,000rpm
 Length : 175mm (6.9")
 Weight : 0.35kg (0.77lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 5mm

6mm Die Grinder SP-1220



AB00023
 Collect size : 6mm (1/4")
 Free speed : 22,000rpm
 Length : 173mm (6-9/11")
 Weight : 0.9kg (2lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

6mm Mini Die Grinder SP-1200



AB00538
 Collect size : 6mm (1/4")
 Free speed : 25,000rpm
 Length : 157mm (6-3/16")
 Weight : 0.3kg (0.6lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

6mm Extended Die Grinder SP-9500L



AB00902
 Collect size : 6mm (1/4")
 Free speed : 25,000rpm
 Length : 260mm (10-1/4")
 Weight : 0.64kg (1.41lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

3" Straight Grinder SP-7500 Roll Type



AB00903
 Wheel size : 75 x 9.5 x 13 (mm)
 Wire brush : 75 x 12.7 x 13 (mm)
 Free speed : 14,600rpm
 Length : 345mm (17.58")
 Weight : 1.3kg (2.86lbs)
 Air Inlet (PT) : 3/8"
 Air Hose (I.D.) : 3/8"

6mm Angle Die Grinder SP-1200AH



AB00024
 Capacity : 6mm (1/4")
 Free speed : 20,000rpm
 Length : 146mm (5-3/4")
 Weight : 0.49kg (1.08lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

2" Mini Angle Sander SP-8845



AB00641
 Capacity : 51mm (2")
 Free speed : 15,000rpm
 Length : 178mm (7.0")
 Weight : 0.83kg (1.83lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

2" Angle Sander SP-8844



AB00640
 Sanding pad : 50mm (2")
 Free speed : 15,000rpm
 Length : 160mm (6.3")
 Weight : 0.7kg (1.5lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

4" 105° Angle Grinder SP-8843 Lever Type



AB00881
 Disc capacity : 100mm (4")
 Free speed : 9,000rpm
 Wire brush : 76mm (3")
 Length : 280mm (11")
 Weight : 0.7kg (1.38lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

4" Angle Grinder SP-1254 Lever Type



AB00035
 Rotary Type
 SP-1254G
 AB 00528
 Disc capacity : 100mm (4")
 Free speed : 11,000rpm
 Length : 230mm (9")
 Weight : 1.8kg (4lbs)
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) : 3/8"

Angle Grinder SP-1255 4 1/2" SP-1256 5" Lever & Roll Type



4-1/2" **AB00036**
 5" **AB00037**
 Disc capacity : 115mm (4-1/2") 125mm (5")
 Free speed : 12,000rpm 11,000rpm
 Length : 232mm (9-1/2") 230mm (9")
 Weight : 1.8kg (4lbs) 1.8kg (4lbs)
 Air Inlet (PT) : 1/4" 1/4"

7" Angle Grinder SP-1260L Lever Type



AB00038
 Disc capacity : 180mm (7")
 Free speed : 7,600rpm
 Length : 254mm (10")
 Weight : 3.1kg (6.8lbs)
 Air Inlet (PT) : 3/8"

Air Tire Buffer SP-1523D



AB00551
 Free speed : 2,500r.p.m
 Avg. Air Consumption : 283 l/min (10cfm)
 Weight : 1.1kg (2.42 lbs)
 Length : 227mm (8.93")
 Air Inlet (PT) : 1/4"
 Air Hose (I.D.) :

Air Tools



Air Drill



FRD-12Z, FRD-16Z
(Taper Spindle)

AB00178



FRD-12Z, FRD-16Z
(Inside Lever)

Code	Model		Drilling Capacity (Guidance)			Stall Torque (about)			Free Speed (about)	Type and Size of Spindle		Chuck Capacity	Side to Centre (about)			Overall Length (about)		Weight (about)		Air Consumption at Max. Output (about)	
	Outside de Lever	Inside Lever	mm	in		N-m	kgf-m	lbf-ft	rpm	Thread	Taper	mm	mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min	
AB00177	FRD-12Z-1	FRD-12Z-1C	12	1/2		21.6	2.2	15.9	1,200	1/2-20	-	13	24	15/16	319	12 ³ / ₁₆	3.7	8.1	1.00	35.3	
AB00178	FRD-16Z-1	FRD-16Z-1C	16	5/8		34.3	3.5	25.3	800	5/8-16	-	16	24	15/16	332	13 ³ / ₆₄	4.6	10.1	1.00	35.3	

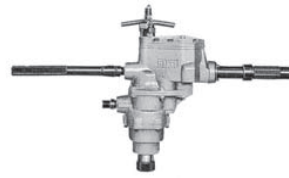
• 3/8" air inlet thread size. 12.7mm (1/2") air hose size. • The models can be used for reaming work; FRD-12Z series 8mm. capacity, FRD-14Z series 11mm. capacity and FRD-16Z series 13mm. capacity.

Air Drill



FRD-50R

48100BA



FRD-65R

58100BA

Code	Model	Capacity (Guidance)				Stall Torque (about)			Free Speed (about)	Socket	Feed Length (about)		Overall Length (about)		Weight (about)		Air Consumption at Max. Output (about)		Air Inlet Thread Size	Air Hose Size	
		Drilling	Reaming	Tapping		N-m	kgf-m	lbf-ft	rpm	M.T.#	mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min	PT or NPT	mm	in
AB00184	FRD-50R-11	50	2	50	2	401.0	44.0	318.2	150	4	93	3 ¹¹ / ₁₆	446	17 ⁷ / ₁₆	18.7	41.1	2.60	91.8	1/2	19.0	3/4
AB00185	FRD-65R-1	65	2 ⁷ / ₁₆	65	2 ⁷ / ₁₆	608.0	62.0	448.4	190	5	125	4 ¹⁵ / ₁₆	487	19 ¹¹ / ₆₄	31.2	68.6	4.40	155.4	1	25.4	1

1/4" (6.4mm) Full Range Air Hydraulic Riveter



AB00917
SP-2500

3/16" (4.8mm) Air Hydraulic Riveter



AB00918
SP-2400

M4-M12 (#6-1/2") Air Riveting Nut Tool



AB01005
SP-2600

ST-6677 1/4" (6.4mm) Air Hydraulic Riveter (Vacuum Type)



AB00636
SP-2700

Code	Model	Blind Rivet Setting Cap. (inch)	Blind Rivet Setting Cap. (mm)	Traction Power (lbs)	Traction Power (kg)	Stroke Length (mm)	Overall Height (mm)	Air Inlet (pt)	Air Hose (id)	Net Wt. (kg)
AB00917	SP-2500	1/4", 1/8", 5/32", 3/16"	6.3, 3.2, 4.0, 4.8	2300	1700	23	317	1/4"	3/8"	2.3
AB00918	SP-2400	1/8", 5/32", 3/16", 1/4", 9/32"	3.2, 4.0, 4.8, 6.3, 7.0	2300	1700	16	287	1/4"	3/8"	1.8
AB01005	SP-2600	#6, #8, #10, 1/4", 5/16", 3/8", 1/2"	4.0, 5.0, 6.0, 8.0, 10.0, 12.0	6000	2727	16.5		1/4"	3/8"	3.95
AB00636	SP-2700	1/8", 5/32", 3/16"	3.2, 4.0, 4.8	3800	1700	23	317	1/4"		2.4

Air Riveting Nut Tools

Code	Model No.	Rivet Nut Setting Capacity				
		M3 #6-32	M4 #8-32	M5 #10-24 #10-32	M6 #1/4" - 20	M8 5/16" - 18
AB00925	SP-6350		★	★	□	□
AB00926	SP-6600	★	★	□	□	□

□ Aluminium ★ Steel Nut ▲ Brass Nut

AB00925
AB00926



Code	Model No.	Capacity	Free Speed (Rpm)	Weight (Lb/kgs)	Length (In/mm)	Avg. Air Cons (CFM)	Min. Hose (In/mm)	Air Inlet (In)
AB00925	SP-6350	M4, M5, M6, M8	300	2.8/1.3	8.25/210	5	3/8/9.5	1/4"PT
AB00926	SP-6600	M3, M4, M5, M6	500	2.8/1.3	8.25/210	5	3/8/9.5	1/4"PT

SHINTO

Air Needle Scaler (2200 b.p.m)



Stock Code	Model	Overall Length
AB01076	SP-2276-3L	620mm
AB01077	SP-2276-4L	1220mm
AB01078	SP-2276-5L	1520mm
AB01079	SP-2276-6L	a820mm

AA00925
AA00926

Scabblers / Scaling Hammers

SH-1H
(Single Head)
AB00076



Length 500mm (19¹¹/₁₆")
Weight 2.5 kg (5.5 lbs)
B.P.M. 7200
Air Consumption 2.1 ltr/sec (5cfm)
Height 152.5mm (6.0")
Stroke 16mm (5/8")
Piston Diameter 30mm (1³/₁₆")

SH-3H
(Three Head)
AB00077



Length 554mm (21¹³/₁₆")
Weight 3.9 kg (8.6 lbs)
B.P.M. 2800 x 3
Air Consumption 5.2 ltr/sec (11cfm)
Height 152.5mm (6.0")
Stroke 16mm (5/8")
Piston Diameter 30mm (1³/₁₆")

SF-11 – Design for rust removal on ship deck, etc.

Weight : 38kgs
Piston : 27mm dia
BPM : 2,300 x 11

- Remove road marking, floor paint & ship deck rust
- Light roughening of concrete floor



AB00078

Pick Hammers & Concrete Breaker



TCA-7
AB00055



TCD-20
AB00067



TPB-40
AB00071

Stock Code	Model No	Piston Diameter		Piston Stroke		Blow Per min. d.p.m	Net		Overall Length		Air Consumption		Inlet Size		Hose	
		mm	in	mm	in		kg	lb	mm	in	m					
AB00055	TCA-7	35	1 ³ / ₈	120	4 ⁷ / ₈	1250	7.2	15.8	465	18 ¹ / ₄	1.0	35.3	19	3/4	19	3/4
AB00067	TCD-20	42.85	1 ¹³ / ₁₆	60	2 ¹ / ₄	2000	10.5	23	530	21	1.1	38.67	13	1/2	13	1/2
AB00071	TPB-40	44	1 ⁷ / ₈	146	5 ⁷ / ₈	900	18	39.6	660	26	1.6	56	19	3/4	19	3/4

Magnetic Drill Set

UNI 5000 Xtreme 2-Speed



AC 01026
AC 01027

Cutter 50mm
Cutting Shank 19mm
Twist Drill Capacity 13mm
Clamping Force 1,000kg
Size 610mm x 280mm x 460mm
Weight 14kg

Stock Code	Volts	Cycles	Amps	Power	No Load Speed
AC01026	120V	50/60Hz	10A	1100W	650/450r.p.m
AC01027	220V	50/60Hz	5A	1100W	650/450r.p.m

Standard Accessories
1 Oil Tank, 1 Guard, 1 Safety Chain, Crank Handles,
1 Hex. Wrench: 2.5mm,
1 Hex. Wrench: 6mm, 1 Auxiliary Handles

UNI 7500



Optional no. 3 morse taper accessories available for tapping up to 25mm, taper 3 shank twist drills up to 32mm, chucks, reamers, countersinks and more.



Bit not included

AC 01029
AC 01030

Cutter 75mm
Cutting Shank 19mm
Twist Drill Capacity 32mm
Taps 25mm
Morse Taper No.3
Clamping Force 2,250kg
Size 630mm x 280mm x 470mm
Weight 27.7kg

Stock Code	Volts	Cycles	Amps	Power	No Load Speed
AC01029	120V	50/60Hz	15A	2200W	450/280r.p.m
AC01030	220V	50/60Hz	7.5A	2200W	450/280r.p.m

Standard Accessories
1 Hex. Wrench: 2.5mm, 1 Wrench 8mm, 3 Crank Handles,
1 Guard, 1 Safety Chain



UNI 3000 Auto



AC 01035
AC 01036

Cutter 35mm
Cutting Shank 19mm
Twist Drill Capacity 13mm
Clamping Force 800kg
Size 570mm x 240mm x 520mm
Weight 17kg

Stock Code	Volts	Cycles	Amps	Power	No Load Speed
AC01035	115V	60Hz	10A	1100W	620r.p.m
AC01036	230V	60Hz	5A	1100W	620r.p.m

Standard Accessories
1 Hex. Wrench: 4mm & 2.5mm, 3 Crank Handles, Safety Chain, Side Handles, 1 Oil Tank, 1 Guard

UNI 3500



AC 01038
AC 01039

Cutter 35mm
Cutting Shank 19mm
Twist Drill Capacity 13mm
Clamping Force 800kg
Size 520mm x 170mm x 470mm
Weight 14.8kg

Stock Code	Volts	Cycles	Amps	Power	No Load Speed
AC01038	120V	50/60Hz	10A	1100W	550r.p.m
AC01039	220V	50/60Hz	5A	1100W	550r.p.m

Standard Accessories
1 Guard, 1 Hex. Wrench: 6mm, 3 Crank Handles, 1 Auxiliary Handles, 1 Hex. Wrench: 2.5mm, 1 Oil Tank, 1 Safety Chain

Low Profile Magnetic Drill



AC01225

Specifications

Stock Code	AC 01224	AC 01225
Model No	UNI 3530	
Power input	1100W	
Voltage	110V / 50-60Hz	220V / 50-60Hz
No Load / Full Load RPM	450/390	
Max Capacity Dia x Depth of cut	35mm x 30mm	
Weldon shank	19mm	
Magnetic Adhesion	15000 N	
Overload Protection	With	
Dimension	285x101x200mm	
Net Weight	10kg (22.4lbs)	

UNICUT

ALLINTON ENGINEERING & TRADING PTE LTD