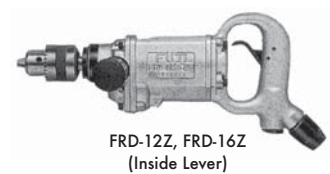
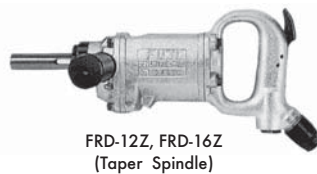
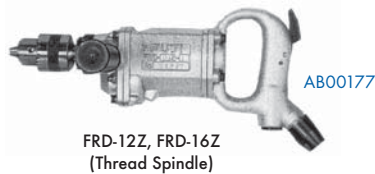


# AIR TOOLS

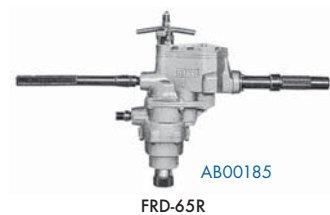
## Air Drill



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 <sup>3</sup> /min	ft <sup>3</sup> /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 <sup>7</sup> / <sub>16</sub>	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 <sup>5</sup> / <sub>16</sub>	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



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 <sup>3</sup> /min	ft <sup>3</sup> /min	PT or NPT	mm	in
		mm	in	mm	in																
AB00181	FRD-25R-11	25	1	22	7/8	147.0	15.0	108.4	530	3	96	3 <sup>13</sup> / <sub>16</sub>	353	13 <sup>57</sup> / <sub>64</sub>	13.0	28.6	2.60	91.8	1/2	19.0	3/4
AB00182	FRD-32R-11	32	1 <sup>1</sup> / <sub>4</sub>	25	1	196.0	20.0	144.6	380	3	96	3 <sup>13</sup> / <sub>16</sub>	353	13 <sup>57</sup> / <sub>64</sub>	13.0	28.6	2.60	91.8	1/2	19.0	3/4
AB00184	FRD-50R-11	50	2	50	2	401.0	44.0	318.2	150	4	93	3 <sup>11</sup> / <sub>16</sub>	446	17 <sup>7</sup> / <sub>16</sub>	18.7	41.1	2.60	91.8	1/2	19.0	3/4
AB00185	FRD-65R-1	65	2 <sup>7</sup> / <sub>16</sub>	65	2 <sup>7</sup> / <sub>16</sub>	608.0	62.0	448.4	190	5	125	4 <sup>15</sup> / <sub>16</sub>	487	19 <sup>11</sup> / <sub>64</sub>	31.2	68.6	4.40	155.4	1	25.4	1

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



## 3/16" (4.8mm) Air Hydraulic Riveter



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



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	3/32", 1/8", 5/32", 3/16"	2.4, 3.2, 4.0, 4.8	2300	1000	16	287	1/4"	3/8"	1.8
AB00918	SP-2400	1/8", 5/32", 3/16", 1/4", 9/32"	3.2, 4.0, 4.8, 6.3, 7.0	3800	1700	23	317	1/4"	3/8"	2.3
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"	3.77

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# AIR TOOLS

## 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

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"NPT
AB00926	SP-6600	M3, M4, M5, M6	500	2.8/1.3	8.25/210	5	3/8/9.5	1/4"NPT



AB00925  
AB00926

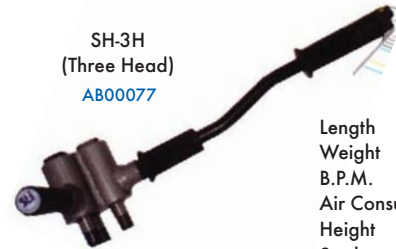
## Scabblers / Scaling Hammers

SH-1H  
(Single Head)  
AB00076



Length 500mm (19<sup>11</sup>/<sub>16</sub>"")  
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 (1<sup>3</sup>/<sub>16</sub>"")

SH-3H  
(Three Head)  
AB00077



Length 554mm (21<sup>13</sup>/<sub>16</sub>"")  
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 (1<sup>3</sup>/<sub>16</sub>"")

## SF-11H – 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



Model	Piston Diameter		Piston Stroke		Blow Per min.	Net Weight		Overall Length		Air Consumption		Inlet Size		Hose Size	
	mm	in	mm	in	d.p.m	kg	lb	mm	in	m <sup>3</sup> /min	c.f.m	mm	in	mm	in
TCA-7	35	1 <sup>3</sup> / <sub>8</sub>	120	4 <sup>3</sup> / <sub>8</sub>	1250	7.2	15.8	465	18 <sup>1</sup> / <sub>4</sub>	1.0	35.3	19	3/4	19	3/4
TCD-20	42.85	1 <sup>12</sup> / <sub>16</sub>	60	2 <sup>1</sup> / <sub>4</sub>	2000	10.5	23	530	21	1.1	38.67	13	1/2	13	1/2
TPB-40	44	1 <sup>47</sup> / <sub>64</sub>	146	5 <sup>3</sup> / <sub>4</sub>	900	18	39.6	660	26	1.6	56	19	3/4	19	3/4

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