

High-torque reversible drilling and tapping machines

- High-torque reversible drilling, tapping and threading machines
- Ideal for drilling, reaming, tube rolling, tube expanding and tapping
- Use for special applications including mills, spindles, slides, controllers, pipe tapping, valve turning and more
- Drill chucks and Morse Taper arbors
- Hammer drills for drilling concrete with up to 2200 blows per minute
- Special OEM air motors available on request
- One-year warranty

Morse Taper Drills w/ Feed Spindle



Model 2 2089 0030 with reverse and safety twist throttle

D-handle Drills



Model 2 1310 0010

Pneumatic Hammer Drills Pneumatic Pistol Drills



Model 2 1266 0010



Model 2 1261 0010



See page 29 for Rotary Hammer Drills

Model No.	Motor Power (HP)	Load Speed (RPM)	Reversible	Chuck/ Arbor	Drilling Cap. in Steel	Tube Rolling Cap.	Torque Output (ft./lbs)	CFM at 90 PSI	Length	Feed Length	Weight (lbs.)
Pistol Drills											
2 1261 0010	0.7	90-850	NO	1/2" Chuck	1/2"	N/A	7 max.	21	9 3/4"	N/A	4.6
Hammer Drills (for concrete and underwater applications)											
2 1266 0010	0.75	950	NO	1/2" Chuck	1/2"	N/A	7 max.	21	12"	N/A	6.7
D-handle Drills											
2 1310 0010	0.8	650	NO	1/2" Chuck	1/2"	N/A	8 max.	24	12 1/2"	N/A	12
2 1311 0010	0.8	650	NO	MT1	5/8"	N/A	8 max.	24	11"	N/A	12
Morse Taper Drills w/ Feed Spindle											
2 2089*	1.7	250	YES	MT3	1 1/4"	1"	36 max.	24	26 1/2"	1 5/8"	28
2 2506*	2.5	220	YES	MT3	1 1/4"	2"	63 max.	70	26 1/2"	2 1/2"	32
2 2502*	2.5	80	YES	MT4	2"	2 1/2"	173 max.	70	26 1/2"	2 1/2"	37

* The last four digits of the Model No. identify the type of throttle. Please specify the four digits when ordering: 0010 for Lever Throttle or 0030 for Safety Twist Throttle.

Pneumatic and Hydraulic Corner Drills and Drives

High-torque drilling, reaming and driving units

CORNER DRILLS AND DRIVE UNITS



Model 2 1801 0030

ATEX

Corner Drills and Bridge Reamers

- Small side-to-side distance for working in tight spaces
- Self-closing roll throttle
- Built-in oiler for motor
- Ideal for bridge reaming and drilling applications
- One-year warranty
- Visit www.csunitec.com for dimensions

Slow-speed, High-torque Straight Drive Units



Model 2 2087 0010 with reverse and lever throttle

- Ideal for heavy-duty reaming, tube expanding and tapping
- Perfect for special driving applications, including pipe tapping and valve turning

Square Drive Accessories

- 2 2089 7020 – 7/8" Male Square Drive to 3/4" Male Square Drive
- 2 2089 7070 – 7/8" Male Square Drive to 1" Male Square Drive
- 6 1016 7940 – 7/8" Male Square Drive to 1" Male Square Drive with retaining pin

Pneumatic Corner Drill Model No.	Morse Taper	Drilling (in steel)	Reaming (in steel)	Tube Rolling Cap.	Torque Output (ft./lbs.)	Load Speed (RPM)	Motor Power (HP)	CFM at 90 PSI	Length	Weight (lbs.)
Nonreversible										
2 1602 0030	#1	5/8"	1/2"	N/A	7	500	0.7	21	12.5"	7
2 1701 0030	#2	7/8"	5/8"	N/A	35	270	1.8	49	20.9"	19
2 1801 0030	#3	1 1/4"	1"	N/A	53	260	2.6	63	22.5"	25
Reversible										
2 2104 0030	#4	2 1/8"	2"	2"	86	180	3.0	71	23.8"	37

Model No. 2 1602 0030 has a 3/8" NPT air inlet. 1/2" (13mm) hose is recommended. All other models have 3/4" NPT air inlet. A 1/2" (13mm) hose is recommended for model 2 1701 0030. A 5/8" (15mm) hose is recommended for models 2 1801 0030 and 2 2104 0030.

Hydraulic Corner Drill Model No.	Morse Taper	Drilling (in steel)	Reaming (in steel)	Tube Rolling Cap.	Torque Output (ft./lbs.)	Load Speed (RPM)	Motor Power (HP)	Oil Flow/PSI	Length	Weight (lbs.)
2 1806 0010	#3	1 1/4"	1"	N/A	60	220	3.8	4 GPM @2000	21"	25

Pneumatic Drive Unit Model No.	Square Drive ID	Torque Output (ft./lbs.)	Load Speed (RPM)	Reversible	Tube Rolling Cap.	Tapping Cap.	Motor Power (HP)	CFM at 90 PSI	Height x Length	Weight (lbs.)
2 2081*	13/16"	413	20	YES	3"	1 1/2"	1.35	53	10.9" x 26.5"	29
2 2087*†	7/8"	413	20	YES	3"	1 1/2"	1.35	53	10.9" x 26.5"	29
2 2088*†	7/8"	138	60	YES	2"	3/4"	1.35	53	10.9" x 26.5"	29

* The last four digits of the Model No. identify the type of throttle. † Square drive accessories available (see above). Please specify the four digits when ordering: 0010 for Lever Throttle or 0030 for Safety Twist Throttle.

Pneumatic and Hydraulic Rotary Hammer Drills

Powerful percussion drilling for concrete and masonry

- Holes cost less with SDS drill bits
- Safety clutch protects against overloading and jamming
- Hammer drill holes in concrete, brick and masonry
- Rotary drilling mode for straight drilling of steel and wood



ATEX

*Air Model 2 2404 0010
SDS Plus up to 1" dia.*

SDS Max – Modes of Operation

2" bit capacity for drilling concrete and masonry



Hammer with Rotation
Ideal for concrete drilling

Rotation Only
Ideal for drilling wood and steel

*Air
Model 2 2414 0010
SDS Max*

SDS Plus – Hammer and Drill

1" bit capacity for drilling concrete and masonry

Drill concrete anchor holes, thru holes, piping and mechanical openings and other construction and repair work. Switches to rotary drilling mode for steel and wood.



*Hydraulic Model
2 2418 0010
SDS Max*

Second handle position

SAE #8 port for hydraulic hose connection



*Hydraulic Model
2 2406 0010
SDS Plus*

SAE #8 oil port

SDS Drill Bits and Chisels



*Small Masonry Bits
SDS Plus up to 1" dia.*



*Large Masonry Bits
SDS Max up to 2" dia.*



*Auger Drill Bit
for wood*



*Chisel
for demolition*

Pneumatic Hammer Drill Model No.	Blows/Minute (BPM)	Drill Speed (RPM)	Solid Bit Capacity (Concrete)	Core Bit Capacity (Concrete)	Twist Drill (wood)	Power at 90 PSI	Air Consumption at 90 PSI	Tool System	Dimensions (inches)	Weight (lbs.)
2 2404 0010	0-3000	0-625	1" dia.	3" dia.	3/4" dia.	0.7 HP	21 CFM	SDS Plus	16 x 8 1/2 x 4	11
2 2404 0030*	0-3000	0-625	1" dia.	3" dia.	3/4" dia.	0.7 HP	21 CFM	SDS Plus	16 x 8 1/2 x 4	11
2 2414 0010	0-2500	0-250	2" dia.	6" dia.	1 1/4" dia.	1.6 HP	53 CFM	SDS Max	19 1/2 x 9.8 x 4 1/2	26

* Underwater model – Optional underwater air tool line conditioner to displace moisture, Part No. MS 9105. See page 31.

Hydraulic Hammer Drill Model No.	Blows/Minute (BPM)	Drill Speed (RPM)	Solid Bit Capacity (Concrete)	Core Bit Capacity (Concrete)	Twist Drill (wood)	Power at 2000 PSI	Flow Range at 1450 PSI (GPM)	Tool System	Dimensions (inches)	Weight (lbs.)
2 2406 0010	0-3400	0-625	1" dia.	3" dia.	3/4" dia.	0.8 HP	5.8-13.2	SDS Plus	18 x 10 1/4 x 4	15
2 2418 0010	0-2500	0-250	2" dia.	6" dia.	1 1/4" dia.	1.8 HP	2.6-13.2	SDS Max	19 1/2 x 11 1/8 x 7 1/2	25

Hydraulic Hammer Drills operate at hydraulic pressures of 1,450 - 2,000 PSI