

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



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

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 Nut Runners

ATEX

PNEUMATIC AND HYDRAULIC NUT RUNNERS

Ideal for turning valves, tightening, tapping, reaming, pipe beveling, expanding and more



- Worm gear drive provides high torque – up to 554 ft.-lbs.
- Lightweight and reversible
- Compact angle head allows access to confined spaces
- Both Pneumatic and Hydraulic models available
- One-year warranty



Model
6 1015 0075

Model numbers pictured above (listed from top to bottom): 6 1015 0075 (with male drive), 6 1015 0010 (female), 6 1014 0075 (with male drive)

Available with Male or Female Square Drives, in a variety of sizes



Male Sq. Drive Head
1/2" or 3/4"



Female Sq. Drive Head
3/4" or 7/8"
(7/8" pneumatic only)



Square Drive Accessory

6 1015 7030

3/4" Male Square Drive (included with model numbers 6 1014 0075, 6 1015 0075 and 6 1016 0075)

6 1015 7020

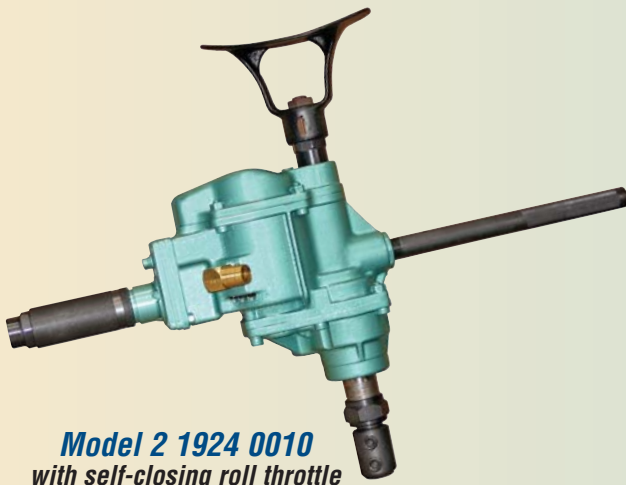
1/2" Male Square Drive (included with model numbers 6 1014 0099, 6 1015 0099 and 6 1016 0099)

Pneumatic Nut Runner Model No.	Square Drive F=Female M=Male	Stall Torque at 90 PSI (ft.-lbs.)	Free Speed (RPM)	Load Speed (RPM)	Power (HP)	CFM at 90 PSI	Side to Center Distance (inches)	Length (inches)	Weight (lbs.)	Air Connection (inches)	Hose ID (inches)
6 1014 0010	3/4" F	100	180	100	0.9	42	1	16	10	NPT 3/8	1/2
6 1014 0075	3/4" M	100	180	100	0.9	42	1	16	11	NPT 3/8	1/2
6 1014 0099	1/2" M	100	180	100	0.9	42	1	16	11	NPT 3/8	1/2
6 1015 0010	3/4" F	423	44	22	0.9	45	1	21	10	NPT 3/8	1/2
6 1015 0075	3/4" M	423	44	22	0.9	45	1	21	10	NPT 3/8	1/2
6 1015 0099	1/2" M	423	44	22	0.9	45	1	21	10	NPT 3/8	1/2
6 1016 0010	3/4" F	141	120	67	0.9	42	1	21	10	NPT 3/8	1/2
6 1016 0075	3/4" M	141	120	67	0.9	42	1	21	11	NPT 3/8	1/2
6 1016 0099	1/2" M	141	120	67	0.9	42	1	21	11	NPT 3/8	1/2
6 1017 0010	3/4" F	60	260	125	0.9	46	1	21	11	NPT 3/8	1/2
6 1017 0075	3/4" M	60	260	125	0.9	46	1	21	11	NPT 3/8	1/2
6 1017 0099	1/2" M	60	260	125	0.9	46	1	21	11	NPT 3/8	1/2
6 1021 0010	7/8" F	423	44	22	0.9	45	1	21	11	NPT 3/8	1/2

Hydraulic Nut Runner Model No.	Square Drive F=Female M=Male	Stall Torque at 90 PSI (ft.-lbs.)	Free Speed (RPM)	Load Speed (RPM)	Power (HP)	Oil Flow (GPM)	Oil Pressure (GPM)	Side to Center Distance (inches)	Length (inches)	Weight (lbs.)	Connection Quick Couplers
3 6242 0010	3/4" F	554	44	22	1.6	4 - 13	1000	1	20	22	1/2" FF
3 6242 0075	3/4" M	554	44	22	1.6	4 - 13	1000	1	20	22	1/2" FF
3 6242 0099	1/2" M	554	44	22	1.6	4 - 13	1000	1	20	22	1/2" FF

Woodboring Air Drills, Reversible

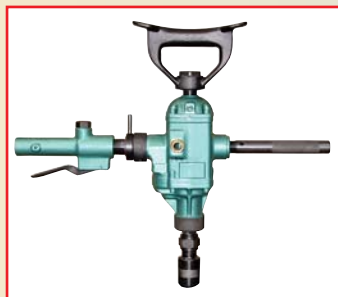
Heavy-duty power for underwater drilling and other wood boring applications



Model 2 1924 0010
with self-closing roll throttle
Up to 2" for boring wood

- Ideal for drilling wood in marine timbers, underwater use and railroad repair work
- Thrust bearing support for long life and efficient operation
- Lever throttle and durable spur gearing
- Breast plate and dead handle included
- Includes threaded exhaust port
- Use underwater with Air Tool Line Conditioner (shown below)

Accessories and woodboring drill bits from 1/2" dia. to 1 1/8" dia. in lengths from 12" to 36"



Model 2 1903 0010
with lever throttle
Up to 1" for boring wood

	Model 2 1903 0010	Model 2 1924 0010
Capacity in wood	1" Diameter	2" Diameter
Reversible	Yes	Yes
Power	2 HP	3 HP
Chuck Style	1/2" Woodboring	1/2" Woodboring
Spindle	Stub Taper	#2 Morse Taper
Free Speed	750 RPM	700 RPM
Recommended Hose Size	1/2"	1/2"
Overall Height	17 1/2"	18 1/2"
Weight	14 1/2 lbs.	24 3/4 lbs.
Air Inlet Thread	1/2" ID	1/2" ID
Air Exhaust Thread	1/2" NPT	1/2" NPT
Air Consumption at 90 PSI	39 CFM	50 CFM

AirPac Extends life of pneumatic power tools



Model CSAP-2

- Removes moisture and dirt from air lines; a float valve automatically ejects water and dirt
- Includes automatic oiler; prevents tools from freezing in cold environments
- Eliminates air motor downtime caused by water and dirt
- Connections for two tools; max. air flow 185 CFM



Air Tool Line Conditioner

Underwater air tool conditioner for marine applications. Displaces moisture and inhibits rust/corrosion of air motors.

MS 9105 – 1 quart/liter