

Copper Cutting Prep Machines



122XL Copper Cutting and Prep Machine

This machine is designed to cut, clean, ream and debur copper and stainless steel tubing and fittings quickly and professionally. Weighing only 72 lbs (32.7 kg) and possessing a conveniently located carrying handle, the Model 122XL is ideal for transport directly to the job site. Rugged cast aluminum housing and powerful 1/3 HP (360 W) induction motor assures a long life.

- Tube and Fitting Capacity: 1/2" - 4" (12 mm - 108 mm).
- Powerful 1/3 HP induction motor drives rollers at 300 RPM.
- Rugged O.D. Cleaning Brush cleans tubing quickly with minimal effort.
- Core Reamer easily removes turbulence-causing burrs.
- Cutting Handle adjusts to accommodate different tubing sizes.
- Large Carrying Handle for easy transport to the job site.
- Guide Rollers ensure a straight cut with no tracking.
- Built-in 1/2"-Incremental Scale for quick, easy measuring.
- Cutter Wheel tested to over 10,000 cuts.
- Fitting Brush Kit includes six brushes, storage rack and collet.
- Approved to UL standards (NRTL) (115V only).
- CSA approved (115V only).

Standard Equipment

- 46105 – O.D. Debur Disk.
- 94687 – 2" Reamer Cone Assembly.
- 94682 – O.D. cleaning brush.

Specifications

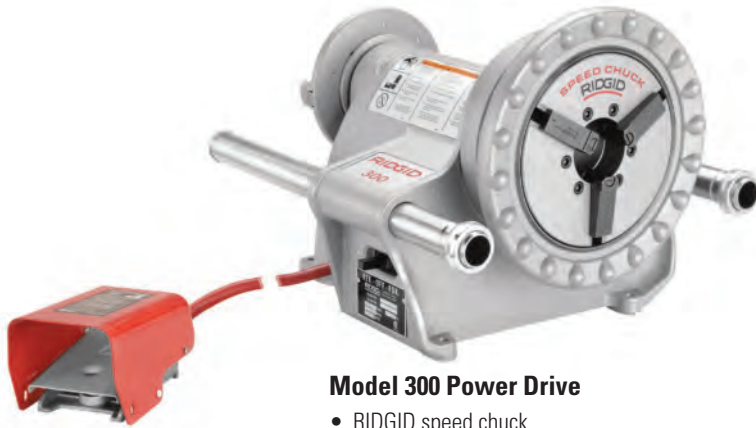
- Copper and Stainless Steel Tube Capacity – 1/2" - 4" (12 mm-108 mm).
- Copper and Stainless Steel Fittings Capacity – 1/2" - 4" (12 mm-108 mm).
- For ASTM B88 types K, L, M copper.
- For stainless steel wall thickness up to .065" (1.65 mm).
- Switch – Toggle On/Off.
- Cutter Wheel – Model 122 SS.
- Roller Speed – 300 RPM.
- Reamer – Single Flute Cone, RH, 1/2" to 2".
- Motor – 1/3 HP, 115V, 60Hz Induction Motor or 360W, 230V Induction Motor.

Catalog No.	Model No.	Description	Voltage	Weight	
			V	lb.	kg
10973	122XL	Copper Cutting/Prep Machine 1/2"-4"	115	72	32.7

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
93717	-	1/2" Fitting Brush 12 mm (3 Per Pack)	1/2	0.24
93722	-	3/4" Fitting Brush 18 mm (3 Per Pack)	1/2	0.26
93727	-	1" Fitting Brush 25 mm (3 Per Pack)	3/4	0.27
93732	-	1 1/4" Fitting Brush 32 mm (3 Per Pack)	3/4	0.29
93737	-	1 1/2" Fitting Brush 40 mm (3 Per Pack)	1 3/4	0.77
93742	-	2" Fitting Brush 50 mm (3 Per Pack)	1 3/4	0.79
12638	-	2 1/2" Fitting Brush (3 Per Pack)-122XL Only	1 3/4	0.79
12643	-	3"-4" Fitting Brush (3 Per Pack)-122XL Only	2	0.82
94682	-	O.D. cleaning brush	1	0.44
46105	-	O.D. Debur Disk	1 1/4	0.57
93747	-	Quick-Change Collet	2 1/4	0.95
93712	-	Fitting Brush Holder	6	2.63
93707	-	Fitting Brush Storage Kit Includes Mountable Storage Rack, Quick-Change Collet, Spare Cutter Wheel, and Brushes (1/2", 3/4", 1", 1 1/4", 1 1/2", 2")	3	1.39
36662	301A	Model 301A Foot Switch120V	7 1/2	3.39
33175	2191	Cutter Wheel for Copper	1/4	0.10
33551	122SS	Cutter Wheel for Stainless Steel	1/4	0.10
10343	-	Wheel Pin for 33551 Cutter Wheel	1/4	0.10
42360	1206	1206 Stand	31	14.10
94687	-	2" Reamer Cone Assembly	1/16	0.03

Power Threading Machines



Model 300 Power Drive

- RIDGID speed chuck.
- Reversible 1/2 HP universal motor.
- Recessed On/Off/Reverse switch.
- Convert a 300 Power Drive to a portable threading machine.
- Ideal for use with RIDGID roll groovers

Specifications

- Capacity – 1/8" - 2" (6mm - 50mm) Pipe, 2 1/2" - 4" (65mm - 100mm) with 141, and 4" - 6" (100mm-150mm) with 161 Geared Threaders, 1/4" - 2" (6mm - 52mm) Rod.
- Motor – 1/2 HP, universal, reversible motor, single-phase, 50/60 Hz, 115V.
- Switch – Heavy-duty FOR/OFF/REV and Integral Foot Switch.
- Chuck – RIDGID speed chuck with replaceable rocker-action jaws.
- Spindle Speed – 38 RPM (57 RPM available).
- Rear Centering Device – Cam-action turns with chuck.
- Support Bar – Heavy-duty (2).



Catalog No.	Model No.	Description	Spindle Speed	Pipe Threading Capacity		Rod Threading Capacity		Max. Geared Threader Capacity		Weight	
				in.	mm	in.	mm	in.	mm	lb.	kg
41855	300 Only	300 Power Drive, 115V 50/60Hz	38 RPM	1/8 - 2	3 - 50	1/4 - 2	6 - 50	6	150	94	43.00
41860	300 Only	230V, 50/60 Hz	38 RPM	1/8 - 2	3 - 50	1/4 - 1 1/2	6 - 40	6	150	94	43.00
75075	300 Only	300 Power Drive, 115V 50/60Hz	57 RPM	1/8 - 1 1/4	3 - 31	1/4 - 1 1/2	6 - 50	6	150	94	43.00
75435	300 Only	230V, 50/60 Hz Export	38 RPM	1/8 - 2	3 - 50	1/4 - 2	6 - 50	6	150	94	43.00

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
10883	418	Oiler w/1 Gal. Premium Thread Cutting Oil	20 1/2	9.40
51005	819	Nipple Chuck Complete, 1/2" - 2" NPT	10 1/2	4.80
97065	811A	811A 1/8" - 2" NPT, Quick Opening, RH	13	5.90
97075	815A	815A 1/8" - 2" NPT Die Head, Self-Opening, RH	13	5.90
42360	1206	1206 Stand	31	14.10
42365	341	Reamer	6 3/4	3.10
42370	360	Model 360 1/8"-2" Full Floating, Self Centering Cutter	8 1/2	3.90
42385	312	Carriage Feed Lever	3	1.40
42575	32	#32 Transporter (for Power Drives and Tristand Vises)	14 1/4	6.50
46660	E-863	LH/RH Reamer Cone	7	3.20
68815	311	Carriage with No. 312 Lever	15	6.80
97365	-	Jaw Inserts for Coated Pipe	1/2	0.20
22638	1452	Clip-On Tool Tray	6	2.70
68160	819	Nipple Chuck 1/2"-2" BSPT	10 1/2	4.80
97070	811A	BSPT Die Head Quick-Open R.H.	12 1/2	5.70
97080	815A	815A 1/8"-2" BSPT Self-Opening Die Head	13	5.90

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ROLL GROOVING

Combo Roll Groovers



975 Combo Roll Groover

- **Auto Tracking & Depth Setting Gauge Means Easier Use** – The 975 Combo Groover includes new, patented auto tracking technology for significantly easier grooving. Whether you're doing machine-powered or manual grooving, the Auto-Track gauge keeps the pipe automatically engaged to the groover throughout the grooving process. The 975 also includes a permanently depth setting gauge for quicker, repeatable set-up.
- **Less Hand Force Required** – When manually roll grooving, the 975's 55% higher gear reduction means less hand force required versus competitive manual roll groovers. This is especially helpful for over-head roll grooving.
- **Durability And Portability** – A tough, ductile iron construction means the 975 can absorb jobsite abuse and provide accurate grooves time after time. A cast-in handle makes the 975 easily portable to and from the jobsite.

Standard Equipment

- 30883 – Shaft, Drive.
- 30933 – Roll Groove.
- 30703 – Ratchet, 1/2" Drive With 90° Bend.
- 30708 – Extension, 1/2" Drive, Locking.
- 87682 – Support Bar (2).

Specifications

- Pipe Capacity
 - 1 1/4" – 6" Schedule 10 and Schedule 40 Steel, Aluminum, and PVC Pipe
 - 1 1/4" – 6" Schedule 10
 - 1 1/4" – 2" Schedule 40 Stainless Steel Pipe
 - 1/2" – 4" Schedule 80 PVC Pipe
 - With Roll Change 2" – 8" Copper Tube (Type K, L, M, and DWV)
- Depth Adjustment – Adjusting screw and integral, index depth gauge.
- Actuation – Feed screw with 1/2" ratchet wrench (included) or any 15/16" hex.
- Power Drive Mounting – RIDGID 300 Power Drive 38/57 RPM (Reverse Direction Only).

Catalog No.	Model No.	Description	Weight	
			lb.	kg
25638	975	975 Combo Roll Groover	26.1	11.9
32828	975	975 Combo Roll Groover for Use with Copper Tube	26.1	11.9

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
32833	975	Roll Set Kit for 2" - 8" Copper Tube	5.0	2.3
67662	-	Adapter Bracket for 300 PD Version of 916 Roll Groover	30.0	13.6
41855	300 Only	300 Power Drive, 115V 50/60Hz	94.0	43.0
75075	300 Only	300 Power Drive, 115V 50/60Hz	94.0	43.0
42360	1206	1206 Stand	31.0	14.1
36273	460-6	Portable TRISTAND® Chain Vise	42.8	19.4
36278	460-12	Portable TRISTAND® Chain Vise	60.8	27.6
16703	425	Portable TRISTAND® Chain Vise	32.0	14.5
56662	VJ-99	V Head High Pipe Stand	23.0	10.4
22168	VF-99	V Head High Folding Pipe Stand	24.0	10.9
76822	-	Inch Diameter Tape	0.5	0.1
76827	-	Metric Diameter Tape	0.5	0.1
30703	-	Ratchet, 1/2" Drive With 90° Bend	1.7	0.8
30708	-	Extension, 1/2" Drive, Locking	0.5	0.1