

Copper Cutting Prep Machines



122 CUTTING AND PREP MACHINE

This machine is designed to cut, clean, ream and deburr copper and stainless steel tubing and fittings quickly and professionally. Weighing only 50 lbs (23kg) and possessing a conveniently located carrying handle, the 122 is ideal for transport directly to the job site. Rugged cast aluminum housing and powerful 1/3 HP induction motor assure long life.

- Tube and fitting capacity: 1/2" - 2" (12 mm-54 mm).
- Powerful 1/3 HP induction motor drives rollers at 450 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" (12 mm) incremental scale for quick, easy measuring.
- Copper cutter wheel tested to over 10,000 cuts.
- Fitting brush Kit includes six brushes, storage rack and collet.
- Approved to CSA/UL standards (115V).

SPECIFICATIONS

- Copper and stainless steel tube and fitting capacity – 1/2" - 2" (12 mm-54 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 2191 HD wheel
- Roller Speed – 450 RPM
- Reamer – single flute cone, RH, 1/2" to 2"
- Motor – 1/3 HP, 115V, 60Hz induction motor or 1/3 HP, 230V induction motor



Catalog No.	Model No.	Description	Voltage	Weight	
			V	lb.	kg
93492	122	Copper Cutting/Prep Machine 1/2"- 2"	115	50	22.68

Standard Equipment

Catalog No. Model No.	Description	93492 122
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")	•
94682	O.D. cleaning brush	•
94687	2" Reamer Cone Assembly	•

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
93717		1/2" Fitting Brush 12 mm (3 Per Pack)		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)		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)		0.77
93742	-	2" Fitting Brush 50 mm (3 Per Pack)	1 3/4	0.79
94682		O.D. cleaning brush	1	0.44
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 Switch 120V	7 1/2	3.39
33175	2191	Cutter Wheel, E-2191		
33551	122SS	Cutter Wheel	1/4	0.1
10343		Stainless Steel Wheel Screw		
94687	-	2" Reamer Cone Assembly	1/16	0.03

Copper Cutting Prep Machines



122XL COPPER CUTTING AND PREP MACHINE

This machine is designed to cut, clean, ream and deburr 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 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 CSA/UL standards (115V).

SPECIFICATIONS

- Copper and stainless steel tube and fitting 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
- Reamer – Single flute cone, RH, 1/2" to 2"
- Motor – 1/3 HP, 115V, 60Hz induction motor or 1/3 HP, 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

Standard Equipment

Catalog No. Model No.	Description	10973 122XL	14388 122XL
46105	O.D. Debur Disk	•	
94687	2" Reamer Cone Assembly	•	
94682	O.D. cleaning brush	•	

Accessories

Catalog No.	Model No.	Description	Weight	
			lb.	kg
14388	122XL	Copper Prep Machine 230V	72	32.7
93717		1/2" Fitting Brush 12 mm (3 Per Pack)		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)		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)		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		
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 Switch 120V	7 1/2	3.39
33175	2191	Cutter Wheel, E-2191		
33551	122SS	Cutter Wheel	1/4	0.1
10343		Stainless Steel Wheel Screw		
94687		2" Reamer Cone Assembly	1/16	0.03

Tubing Cutter Replacement Wheels

Always use genuine RIDGID® Cutter Wheels. These wheels are precision-machined from high-grade steel and are engineered for long life and maximum cutting accuracy.



Tubing Cutters (Original Product)				Catalog No.	Model No.																					Application/Material											
Catalog No.	Model No.	Std. Pack	Blade Exp.	10	15	15-SI	35S	65S	CSST	20	30	101/118	103/104/117	106	108	109	109P	150	151	151-P	152	152-P	153	153-P	154	154-P	156	156-P	205	122	122XL	C34	C10				
33210	E-702	1	.500																																Heavy Wall PVC, ABS		
33165	E-1240	12	.162	▲	▲	▲				▲																										Steel – SS	
33200	E-1740	1	.147									▲	▲					▲		▲		▲		▲											Soft Flexible Pipe		
74720	E-2155	1	.286																		●	●	●												PE, PB, PP, Std. & Heavy Wall		
74730	E-2156	1	.412																								●		▲							PE, PB, PP, Std. & Heavy Wall	
74735	E-2157	1	.500																								▲		●							PE, PB, PP, Std. & Heavy Wall	
33175	E-2191	6	.292								▲															▲		▲			●	▲				Steel Tubing	
33170	E-2558	6	.220								●				●	●	▲									●		●								Aluminum & Copper	
83235	E-2880	1	.747											▲	▲												▲		▲							PE, PB, PP, Std. & Heavy Wall	
33205	E-2990	1	.112	▲	▲					▲																										Steel, Aluminum & Copper	
33185	E-3469	12	.149									●	●					●	●		●		●							●						Aluminum & Copper	
34695	E-3495	1	.290																																	Aluminum	
33190	E-4546	6	.120						●										▲	▲		▲		▲						▲						Steel – SS	
33195	E-5272	6	.290																																		PVC, ABS, Std. Wall
33180	E-5299	6	.412											▲	▲		●											▲		▲							PVC, ABS, Std. Wall
33160	F-158	12	.149	●	●					●																											Aluminum & Copper
88260	E-10279	1	.185																									▲		▲							Thin-Wall PVC
96397	E-1525	1	.120				●																														Stainless Steel
33551	122SS	1	.292																															▲	●		Stainless Steel
29973	E-635	1	.120					●	●																												Stainless Steel
33190	E-4546	1	.120						●																												Stainless Steel
57028	E-3410	1	.142																																●	●	Copper

● Denotes Cutter Wheels furnished with original product. ▲ Denotes alternate Cutter Wheel.