

# RIDGID®

## PCS-500 Pipe Saw The Best Cut Around



Cut pipe fast and efficiently with the RIDGID® Pipe Saw. From the fab shop to the field, this tool delivers quality cuts on 1" – 12". The tool secures onto the pipe in seconds making setup and operation a breeze. Fast and easy to use, the Pipe Saw lets you focus on the tasks that require more time and effort.

- **Capable:** Interchangeable cutting head works with 2 clamp sizes (1" - 6" and 6" - 12") to cut up to 12" pipe with a ½" wall thickness
- **Efficient:** Powerful motor and optimal blades cut through carbon steel, stainless steel (std. blade), plastic, cast iron and ductile iron (optional blades) with ease (example: 10" Schedule 40 Pipe in just over a minute)
- **Simple:** Quick adjustment features allow for mounting in seconds
- **Intuitive:** Pivot plunge design and speed monitoring with LED interface for optimal feed control
- **Quality:** 3-point roller system with one directional bearings secure the tool to the pipe ensuring quality cuts
- **Ergonomic:** Conveniently placed handlebars allow for easy, comfortable and controlled rotation

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# CLEAN, SQUARE CUTS ON 1" TO 12" PIPE WITH RIDGID® PIPE SAW

## SPECIFICATIONS

- |                                        |                                              |                                                |
|----------------------------------------|----------------------------------------------|------------------------------------------------|
| • Model .....                          | <b>Small Clamp (PC-106)</b>                  | <b>Large Clamp (PC-612)</b>                    |
| • Nominal Pipe Cutting Capacity .....  | 1" to 6" (25mm to 150mm)                     | 6" to 12" (150mm to 300mm)                     |
| • Actual Pipe Outside Diameter .....   | 1.26" to 6.625" (32mm to 168mm)              | 6.5" to 12.75" (165mm to 324mm)                |
| • Weight .....                         | 49 lbs. (22.2 kg) w/Small Clamp              | 52 lbs. (23.6 kg) w/Large Clamp                |
| • Dimension (w/saw plunged down) ..... | 21.25" x 16" x 14.5"<br>(540 x 406 x 368 mm) | 24.5" x 20.5" x 14.5"<br>(622 x 521 x 368 mm)  |
| • Dimension (w/saw up) .....           | 21.5" x 22" x 14.5"<br>(540 x 559 x 368 mm)  | 24.5" x 26.25" x 14.5"<br>(622 x 667 x 368 mm) |
| • Minimum Cut-off Length .....         | 1" (25mm) (Pipe Saw Not For Facing Pipe End) |                                                |
| • Cut Quality (Max. Offset) .....      | 0.050" (1.27mm)                              |                                                |
| • Saw Blade Type .....                 | 8" Outside Diameter with 5/8" Round Arbor    |                                                |
| • Motor:                               |                                              |                                                |
| Power .....                            | 1800 W                                       |                                                |
| Voltage .....                          | 110V - 120V a.c.                             |                                                |
| Current .....                          | 15 Amp                                       |                                                |
| • No Load Operating Speed .....        | 3900 RPM                                     |                                                |
| • Controls .....                       | ON/OFF (I/O) Switch                          |                                                |



Pipe Material (with Proper Blade)	Steel, Stainless Steel and Most Metal*	Plastic	Cast Iron
Blade Type	Cermet-Tipped	Carbide-Tipped	Diamond Abrasive
Maximum Wall Thickness	½" (12mm) For Plastic Only	0.70" (18mm)	½" (12mm)

\*Cermet-Tipped Blade is optimized for standard mild carbon steel. Reduced blade life can be expected on other materials. Ability to cut depends on a variety of factors, including material type, chemistry, hardness, amount of material being removed and other factors. In some cases, cuts may not be able to be made or may result in blade damage. If there are any questions about specific material to be cut, contact Ridge Tool Technical Service Department.

## ORDER INFORMATION

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			(lb.)	(kg)
66388	PCS-500 & PC-106	Pipe Saw Kit with Cutting Head & 1" – 6" Clamp	50	22.6
66393	PCS-500 & PC-612	Pipe Saw Kit with Cutting Head & 6" – 12" Clamp	53	23.9
66398	PCS-500, PC-106&PC-612	Pipe Saw Kit with Cutting Head 1" – 6" Clamp, 6" – 12" Clamp	77	34.8
66378	PC-106	1" – 6" Pipe Saw Clamp	24	11.0
66383	PC-612	6" – 12" Pipe Saw Clamp	27	12.2
67883	PCS-500	Pipe Saw Cutting Head	26	11.7



## ACCESSORIES

CATALOG NO.	DESCRIPTION
66413	Saw Blade for Steel and Stainless Steel
69053	Saw Blade for Plastic Pipe
69988	Saw Blade for Iron Pipe



All sales subject to Ridge Tool Company Terms and Conditions of Sales. Catalog Sheet No. R-20-R (621) Effective Date: March 19, 2021

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