

ProStar™ PIPER PRO
 High-Productivity, Pipe Cutting Machine



Infeed and Outfeed Tables + Integrated Roller Bed Conveyor



**Vibration-Free Transit
 Precise Pipe Rotation**

BUILT FOR 3 IN. TO 48 IN. OD PIPE & ANY PRACTICAL LENGTH

The Piper Pro is designed to equip your shop with the benefits of two types of pipe cutters. This machine combines a chuck (for precision pipe rotation) with a roller-bed conveyor (for high-production volume). Pipe diameters up to 48 inches and 13 tons can be processed in a great variety of parts, lengths, and profile shapes. Due to its multiple characteristics, sizes, and weight capacities, this machine is capable of meeting most parts specifications.

STANDARD CONFIGURATION

PART NO.	MIN OUTER DIA.		MAX OUTER DIA.		MAX PIPE WEIGHT		MAX PIPE LENGTH	
	3 in.	75 mm	48 in.	1225 mm	13.23 t	12 t	20 ft. - 40 ft.*	6 m - 12 m*
PRSPR0512TRB	3 in.	75 mm	48 in.	1225 mm	13.23 t	12 t	20 ft. - 40 ft.*	6 m - 12 m*

*Any practical length is possible adding increments of 2 m (± 6 ft.)

Pipe & Vessel Cutting Machines

Some of today's toughest, most productive fabrication workhorses are built by Praxair.



STANDARD FEATURES

- Plasma and oxy-fuel systems
- Pipe roller bed conveyor
- Main drive 3-jaw chuck
- Synchronized infeed and outfeed tables
- Cutting trolley
- *Deltatau*® motion control
- Control Techniques® electronics and motors
- *Wago*® remote bus IO
- Equipped with air conditioning
- Network interface
- Industrial PC with SSD drive
- Touch screen operator controls

3D PROFILING

A patented biaxial cutting head can be used to cut with both oxy-fuel and plasma.

**ANY LENGTH
IS POSSIBLE***

SMARTER. FASTER.

The *ProStar*™ Piper PR012RB provides rapid, synchronized material loading and unloading.



THREE-JAW CHUCK

Comes standard to ensure precision pipe rotation during the cutting process.



ROLLER BED

A roller bed is used for pipe support. Tandem wheels prevent vibration during cutting.

MACHINE TECHNICAL DATA†	POSITIONING	REPEATABILITY
MAIN DRIVE ROTATION Ø 1200 MM	0.020 in.	0.0010 in.
TORCH JAW/PITCH MOVEMENT	0.50°	0.25°
MAIN DRIVE UP/DOWN MOVEMENT	0.020 in.	0.0010 in.
CUTTING TROLLEY LONGITUDINAL MOVEMENT	0.020 in.	0.0010 in.
TORCH/MATERIAL DISTANCE	0.0040 in.	0.020 in.

† Machine accuracy does not concern the accuracy of the cutting process. Specifications subject to change without notice. Consult your Praxair representative when ordering.