

## ProStar™ PIPER High-Accuracy Pipe-Cutting Machine



PRSPIPER3T



Plasma & Oxy-Fuel  
Profiles up to 24 in. x 40 ft.

### Three-Ton, High-Accuracy Pipe Cutter

#### PRECISE 3D CUTTING & BEVELING

ProStar's Piper 3T is a well-standardized pipe-cutting machine that makes use of a three-jaw chuck to clamp and rotate the pipe during cutting. Pipe diameters up to 24 in. (610 mm) can be processed in a wide range of lengths and profile shapes. The ability to perform high-accuracy cutting using plasma and/or oxy-fuel, and a variety of standard features, qualifies the PRSPIPER3T as a good fit for almost shop and budget.

#### Standard Features

- Plasma & oxy-fuel systems
- Main drive 3-jaw chuck
- Pipe trolleys
- Cutting trolley
- Deltatau® motion control
- Panasonic® electronics and motors
- Wago® remote bus IO
- Airflow cooling
- Industrial PC with SSD drive
- Touch screen operator controls

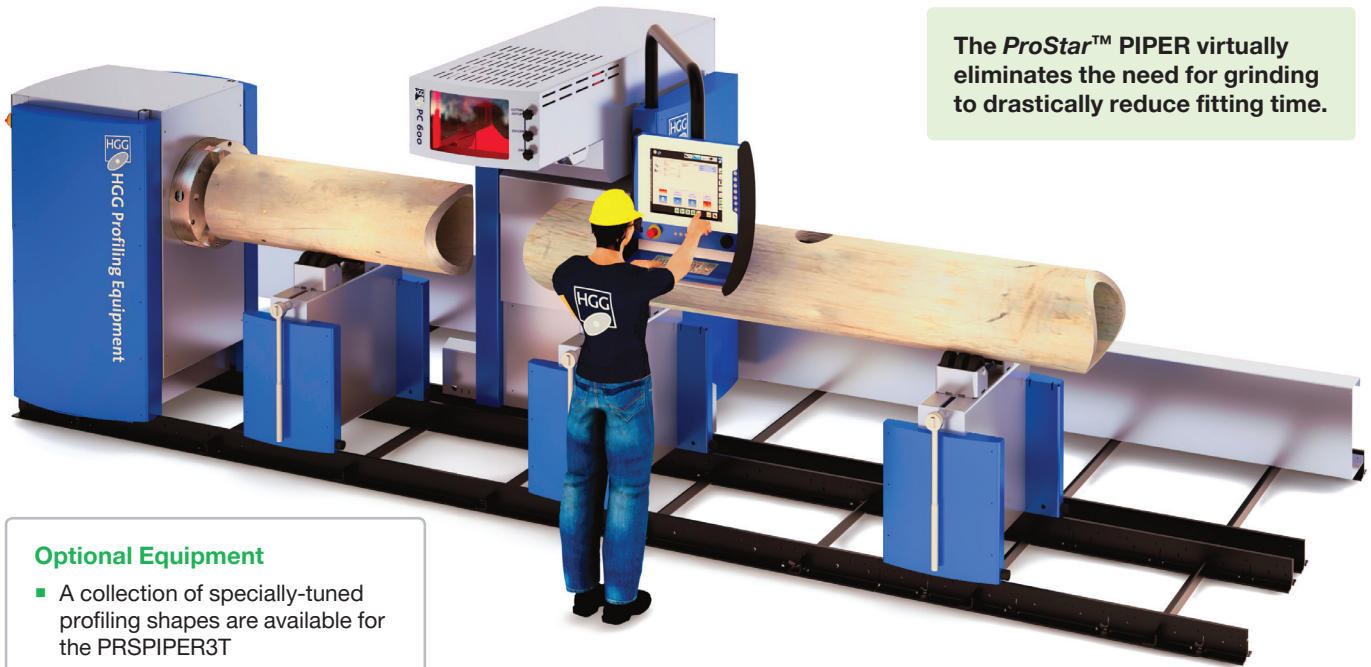
#### STANDARD CONFIGURATION

PART NO.	MIN OUTER DIA.		MAX OUTER DIA.		MAX PIPE WEIGHT		MAX PIPE LENGTH	
	2 in.	48 mm	24 in.	610 mm	3.31 t	3 t	20 ft. - 40 ft.*	6 m - 12 m*
PRSPIPER3T	2 in.	48 mm	24 in.	610 mm	3.31 t	3 t	20 ft. - 40 ft.*	6 m - 12 m*

\*40 ft. (12 m) pipe length optional

# Pipe & Vessel Cutting Machines

Ask Praxair to help your business compete more effectively in today's worldwide markets.



The ProStar™ PIPER virtually eliminates the need for grinding to drastically reduce fitting time.

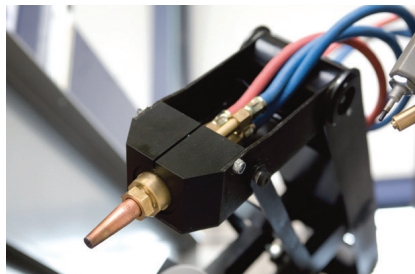
### Optional Equipment

- A collection of specially-tuned profiling shapes are available for the PRSPIPER3T
- Extended 40 ft. (12 m) length



### THREE-JAW CHUCK

Self-centering chuck provides high-accuracy cutting. The securely clamped pipe will not slip or creep during rotation.



### PLASMA AND/OR OXY-FUEL

A compact pantograph arm enables the PRSPIPER3T to perform 3D cutting, using both plasma and/or oxy-fuel processes.



### PIPE SUPPORTS

Adjustable pipe supports level the pipe at the cut location. For permanent horizontal support, add an available "rollerball" gutter.

MACHINE TECHNICAL DATA	POSITIONING	REPEATABILITY
MAIN DRIVE ROTATION Ø 600 MM	0.25°	0.13°
TORCH TILTING (PITCH AND ROLL)	0.50°	0.25°
MAIN DRIVE UP/DOWN MOVEMENT	Hydraulic (manual)	Hydraulic (manual)
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.