

ProStar™ Vessel Profiler Dedicated Vessel Processing Line



Process Vessel Heads • Shells • Nozzles • Reinforcement Pads • Hillside Holes

The PRSDVP Series dedicated vessel processing machines automate critical production tasks, such as cutting and beveling, integrated work preparation, and layout. What's more, the PRSDVP enables your shop or factory to manufacture every part, pre-beveled for weld preparation, and all from one machine.

CONTACT PRAXAIR TO GET STARTED

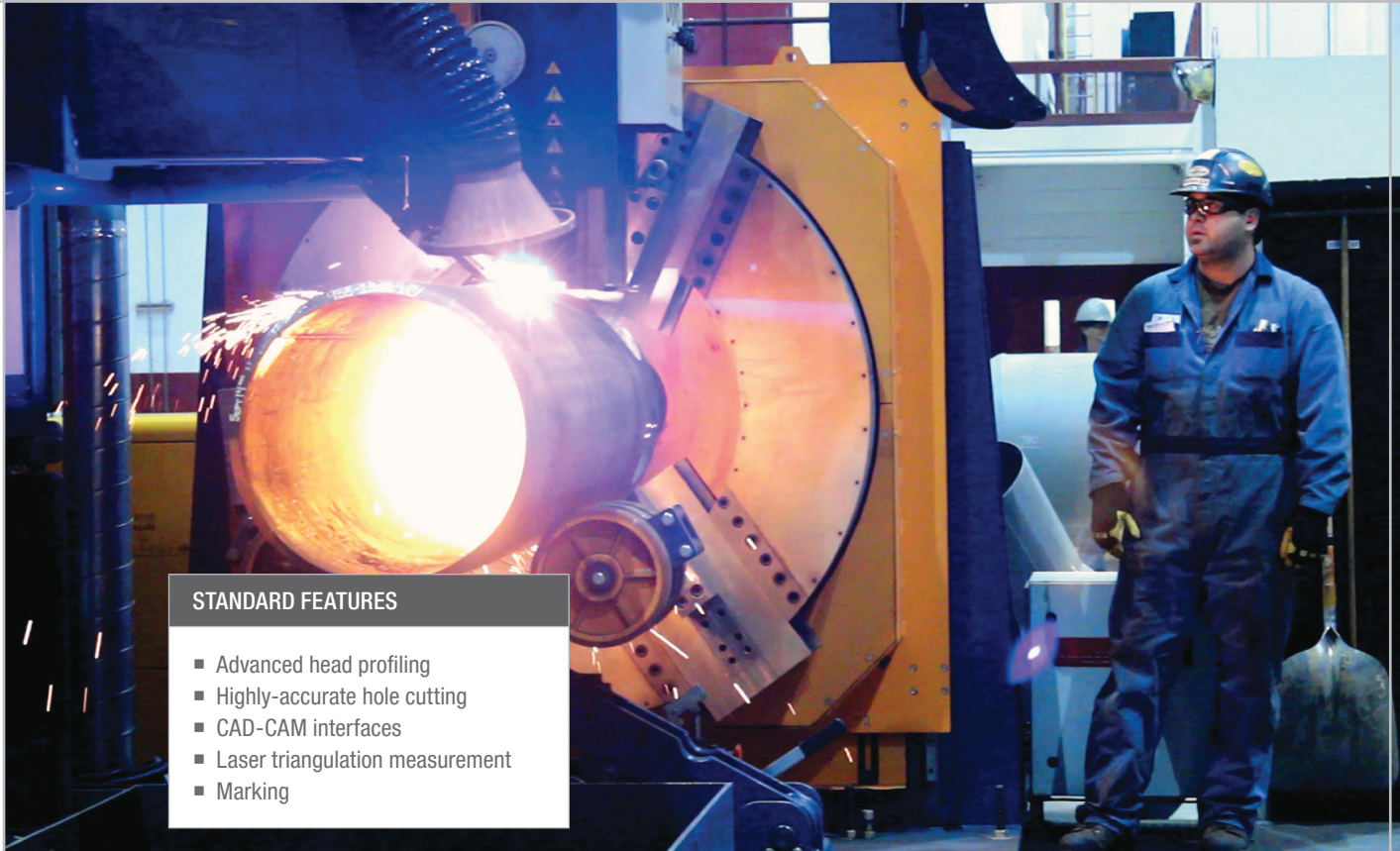
Praxair's manufacturing engineers can develop a custom solution that will increase productivity, reduce costs, and boost your bottom line. Call your Praxair productivity specialist to assess your requirements and address your questions.

MACHINE TECHNICAL DATA†	POSITIONING	REPEATABILITY
MAIN DRIVE/ROTARY TABLE ROTATION Ø 1500 MM	2.950 in.	1.500 in.
MAIN DRIVE/ROTARY TABLE ROTATION Ø 2000 MM	0.040 in.	0.020 in.
MAIN DRIVE/ROTARY TABLE ROTATION Ø 2500 MM	4.920 in.	2.480 in.
MAIN DRIVE/ROTARY TABLE ROTATION Ø 3000 MM	0.060 in.	0.030 in.
TORCH JAW/PITCH MOVEMENT	0.50 deg.	0.25 deg.
MAIN DRIVE UP/DOWN MOVEMENT	0.020 in.	0.010 in.
CUTTING TROLLEY LONGITUDINAL MOVEMENT	0.020 in.	0.010 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.

Pipe & Vessel Cutting Machines

For over one hundred years, customers worldwide have turned to Praxair for industrial gases and equipment.



STANDARD FEATURES

- Advanced head profiling
- Highly-accurate hole cutting
- CAD-CAM interfaces
- Laser triangulation measurement
- Marking

STANDARD CONFIGURATIONS

**CUSTOM BUILDS
ARE OUR SPECIALTY**

PRSDVP SERIES	MIN OUTER DIA.		MAX OUTER DIA.		MAX SHELL WEIGHT		MAX SHELL LENGTH*	
	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
PRSDVP150012T	3 in.	75 mm	60 in.	1,525 mm	13.23 t	12 t	6 m/12 m*	20 ft./40 ft.*
PRSDVP150018T	3 in.	75 mm	60 in.	1,525 mm	19.84 t	18 t		
PRSDVP150030T	8 in.	200 mm	60 in.	1,525 mm	33.07 t	30 t		
PRSDVP200018T	4 in.	100 mm	80 in.	2,035 mm	19.84 t	18 t		
PRSDVP200030T	8 in.	200 mm	80 in.	2,035 mm	33.07 t	30 t		
PRSDVP250018T	4 in.	100 mm	98 in.	2,500 mm	19.84 t	18 t		
PRSDVP250030T	8 in.	200 mm	98 in.	2,500 mm	33.07 t	30 t		
PRSDVP250040T	8 in.	200 mm	98 in.	2,500 mm	44.09 t	40 t		
PRSDVP300018T	4 in.	100 mm	118 in.	3,000 mm	19.84 t	18 t		
PRSDVP300030T	8 in.	200 mm	118 in.	3,000 mm	33.07 t	30 t		
PRSDVP300040T	8 in.	200 mm	118 in.	3,000 mm	44.09 t	40 t		
PRSDVP300060T	8 in.	200 mm	118 in.	3,000 mm	66.14 t	60 t		

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