

## MODELS

PRS100

PRS150HD

PRS175HD

PRS200

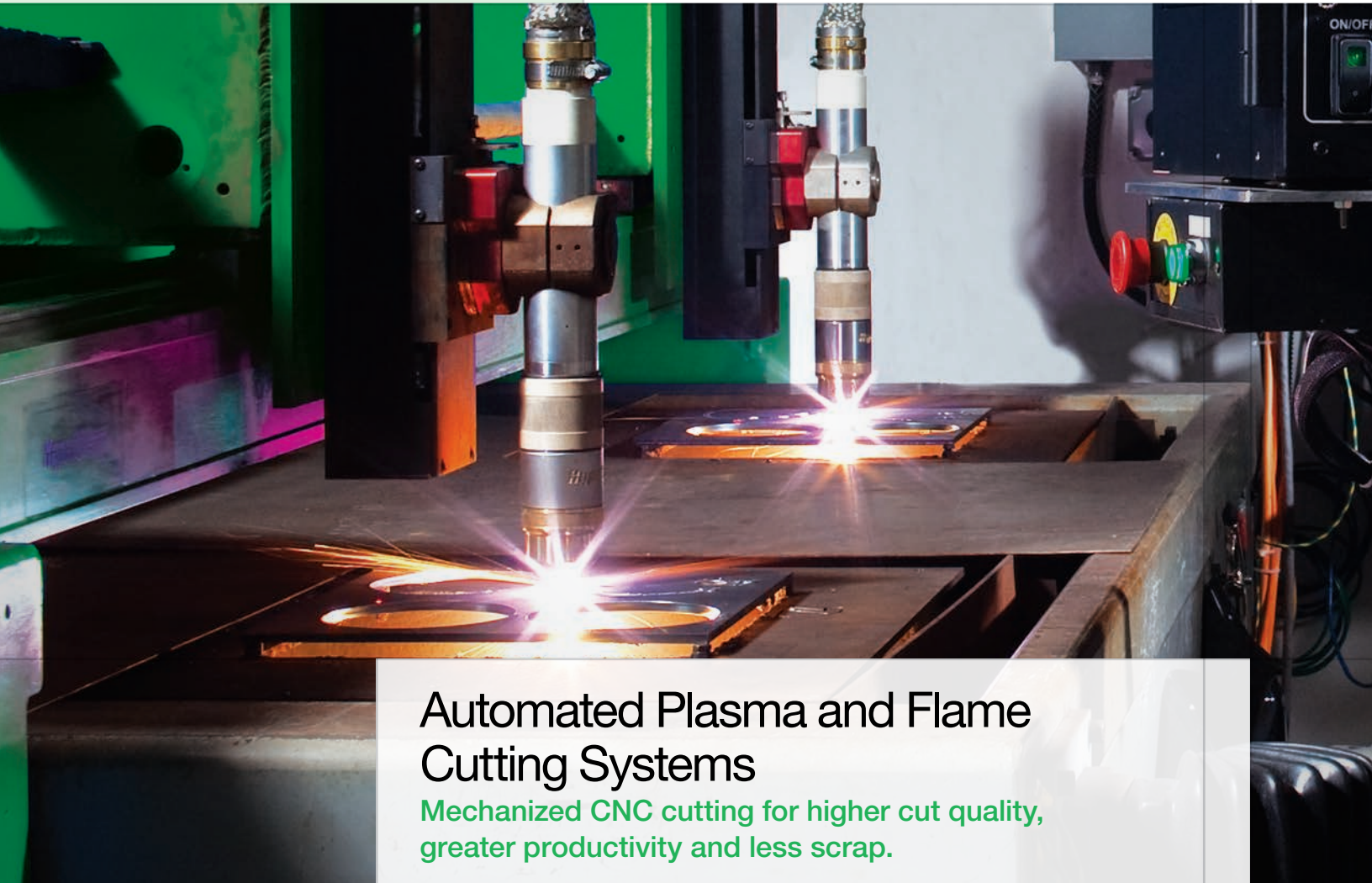
PRS300HD

PRS400HD

PRS500HD

PRS800HD

  
*Making our planet more productive™*



## Automated Plasma and Flame Cutting Systems

**Mechanized CNC cutting for higher cut quality, greater productivity and less scrap.**

## APPLICATIONS

**Shipbuilding**  
**Pressure vessels**  
**Heavy equipment**  
**Heavy plate cutting**  
**Wind tower manufacturing**  
**Job shops**  
**Steel service centers**  
**General manufacturing**

As part of our global commitment to making the planet more productive, Praxair has developed a line of medium- to heavy-duty fabrication plate processing systems to help move your project from start to finish. Whether you need simple plasma or flame cutting, or require beveling, drilling, tapping and other multi-function processes, Praxair has the right machine for you.

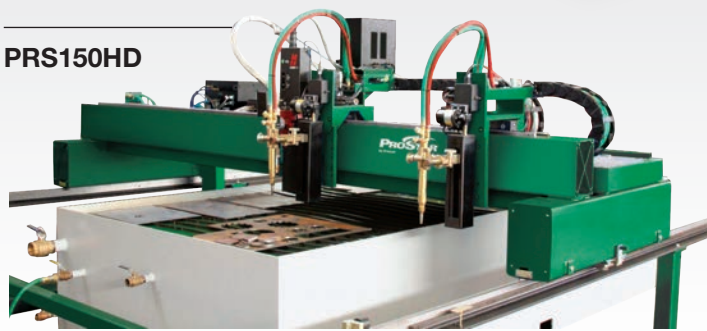
In addition, you can count on Praxair's specialists to provide expert *StarSolver*® audits of your existing machines and processes to suggest improvements in cut quality, machine throughput/productivity, scrap loss reduction and lowered operating costs.



PRS100



PRS175HD



PRS150HD



PRS200

## Cut into enhanced process performance with Praxair's complete line of CNC cutting systems.

The Praxair ProStar line of heavy-duty plasma and flame cutting systems are manufactured to the highest standards to serve your most demanding metal fabrication needs.

### Features/Benefits Exceptional Cut Quality

- Reduces angularity and nearly eliminates dross
- Reduces rework and post weld clean up

### Comprehensive range of models and services

- Provides industry-leading options for metfab shops big and small
- Maximizes budgets by extending the life of current machines through service and retrofit capabilities

### Improved Torch Design

- Extends life of consumables
- Reduces consumables costs over time

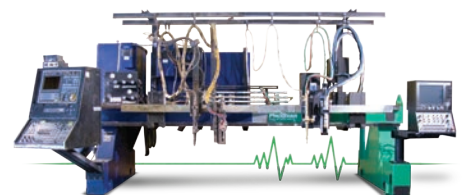
### Beveling and High-Speed Drilling Stations

- Increases throughput/productivity
- Reduces material handling

### Retro Fitting Services

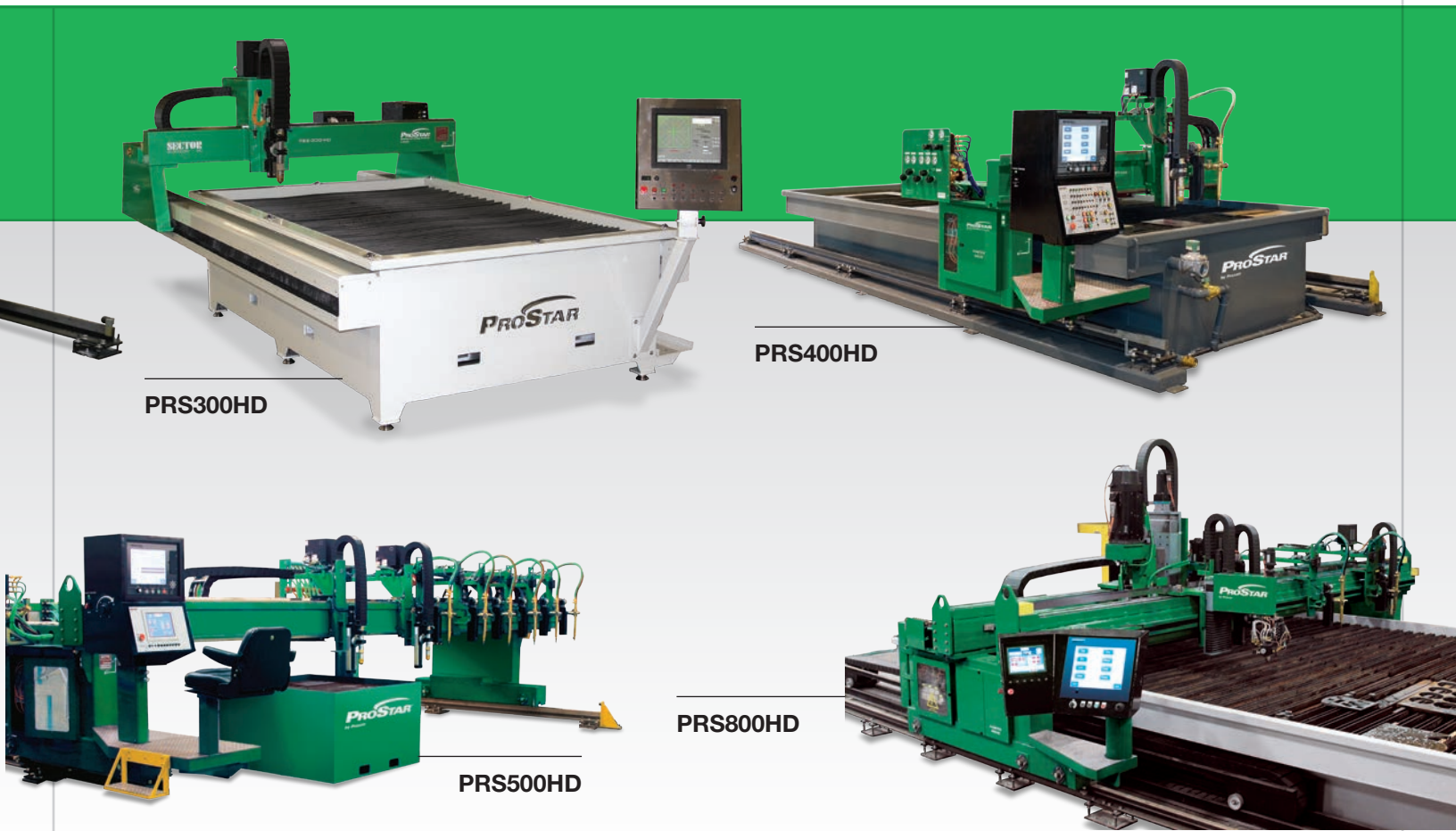
Praxair can give your old cutting machines new life. For a fraction of the cost of a new machine, Praxair will pickup, disassemble and retrofit your existing machine with new components like controllers, drive and motors, and gearboxes. We can even add additional stations and capabilities to bring new life and new levels of productivity to your cutting system.

### Cost-effective, Productivity focused Retrofit



Before "CPR"

After "CPR"



PRS300HD

PRS400HD

PRS500HD

PRS800HD

		PRS100	PRS150HD	PRS175HD	PRS200	PRS300HD	PRS400HD	PRS500HD	PRS800HD
<b>Effective Cut Dimensions (Feet)</b>									
<b>Width</b>		4-6	4-8	5-8	6-10	4-10	6-16	10-40	10-40
<b>Length</b>		4-20	4-24	4-32	10-50	8-40	10-150	10-300	10-300
<b>Rail Type</b>									
		Pedestal	Pedestal	Floor	Pedestal	Unitized	Floor	Floor	Floor
<b>Machine Speed (Inches per minute)</b>									
<b>Traversing Speed</b>		1000	1000	1000	1000	2500	1000	1000	1000
<b>Cutting Speed</b>		500	500	500	500	500	500	400	400
<b>Process Capabilities (Max pierce capacity)</b>									
<b>Plasma</b>	Capacity (Thickness)	1.5"	2"	2"	2"	2"	2"	2"	2"
	Stations	1	2	2	2	2	2	4	4
<b>Plasma Bevel</b>	Type	-	-	-	X, Y, V, A, K	-	X, Y, V, A, K, Contour	X, Y, V, A, K, Contour	X, Y, V, A, K, Contour
	Stations	-	-	-	1	-	1	2	2
<b>Oxy-Fuel</b>	Capacity (Thickness)	2"	4"	4"	4"	2"	6"	10"	10"
	Stations	1	2	2	4	1	8	24	24
<b>Oxy-Fuel Bevel</b>	Type	-	-	-	-	-	Manual X, Y	X, Y, V, A, K, Contour	X, Y, V, A, K, Contour
	Stations	-	-	-	-	-	8	1	1
<b>Drill*</b>	Capacity (Diameter)	-	-	-	-	-	1.25"	1.5"	2.5"
	Stations	-	-	-	-	-	1	2	2

\*Options for tapping, countersinking, counterboring available. Contact your Praxair Representative





Praxair. Experts in CNC  
Cutting & More.

## Pure Gases, Gas Blends and Supplies

For more than a hundred years, metal fabricators in the largest industrial sectors have relied on Praxair consumables and ultra-high purity gases, specialty gases and gas blends in cylinders, Microbulk and bulk supply.

- Bulk & Microbulk Gas (O2, N2 & Fuel Gases)
- Cylinder Gas (N2, H35, N5)
- Plasma Arc & Oxy/Fuel Consumables
- CM & Plasma Arc Replacement Parts

## Welding Equipment & Industrial Supplies

Praxair's ProStar® line of heavy duty metal fabrication equipment and welding products are manufactured to the highest standards by some of the leading names in the business.

## StarSolver

Increase Productivity. Cut Costs.

Praxair's StarSolver® Productivity Enhancement Program can help you improve the cut and quality of your metal products. In our experience, this no-cost program can reduce production costs by 20 to 40 percent. A Praxair metfab expert will tailor a program suited to your needs, work setting and production goals.

- Avoid reworking metal to save time and materials
- Minimize scrap loss to boost profitability
- Enhance productivity in multiple ways
- Reduce the operational costs, overhead and labor

## Industry-Leading Customer Service and Support

It's easy and smart to do business with Praxair. Not only are our order and delivery processes efficient and reliable, but Praxair's Productivity Specialists provide sales, onsite service and support throughout the USA and Canada.



Contact your local Praxair dealer for all your welding gas needs and the ProStar line of welding and cutting equipment.



800.225.8247



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praxairdirect.com/stores



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