

# 3-Roll Bending Machines



ProStar™ PRS3RHD Series

MADE IN USA



Premium Performance with Superior Features  
 Simple, reliable and precise. Auto roll inclination for cones.

3 FT. TO 16 IN. LENGTH  
 16 GA TO 4 IN. CAPACITY  
 PRS3RHD is shown.

**APPLICATIONS**

- Tanks
- Cones
- Petrochemical
- Vessels
- Aerospace
- Playgrounds
- Shipyards

*ProStar* three-roll, double-pinch plate rollers are ruggedly built. With more than 50 sizes and styles, Praxair provides you with the flexibility and coverage to meet almost any plate rolling requirement.

*ProStar* plate rolls can be configured and built to handle specific requirements such as shorter or longer lengths, custom roll cambers, slotted rolls for parts with flanges, ribs, and patterns for corrugated sheet, vertical rolling, tank applications, and more.

Contact your Praxair productivity specialist to ask about our standard configurations or request a custom build.

**Three Independent, Driven Rolls**

- 3 Independent direct-coupled drives deliver 100% of available torque to the workpiece
- Massive reinforced single weldment end frames
- Push-button, NC, or CNC controls
- Overhead and lateral supports with in-feed tables
- Available vertical rolling applications
- Custom specifications accepted

# 3-Roll Bending Machines

Contact your Praxair productivity specialist for questions, custom builds, and ordering assistance.



Select part numbers shown provide a general range of available models. Call Praxair for a list of standard configurations, or to discuss your unique needs.

**VERTICAL CONFIGURATIONS  
CUSTOM BUILDS ARE NO PROBLEM**

### STANDARD FEATURES

- Capacities from 1/8 in. to 4 in.
- Straight guide “Friction Free” movements of lower rolls
- Automatic digital cone roll inclination
- Mobile console with 7 inch Digimatic Color Touch Screen Control
- Redundant push button controls, 24 VAC
- Programmable 6 LED displays on touch screen
- Automatic digital/proportional roll parallelism
- Circumferential safety trip wire guard with 3-way switch
- E-Stops on controls
- Drop end guard and safety lock-out

### Available Options

- Induction hardened rolls, 56 to 60 HRC
- High-polish finish on all roll surfaces
- Cone rolling devices
- Hydraulic overhead & lateral supports
- NC & CNC controls for special applications
- Hydraulic oil coolers & heaters
- Stepless variable speed drives
- Slotted and/or patterned rollers

PRS3RHD SERIES	LENGTH (FT)	CAPACITY		ROLL DIAMETERS	POWER (HP)	WEIGHT (LBS)
		PRE-BENDING	ROLLING	TOP ROLL		
PRS3RHD-5	5	9 GA - 1-3/8 in.	3/16 in. - 1-3/4 in.	5.12 in. - 15.35 in.	6.5 - 60	3,100 - 31,000
PRS3RHD-6	6	10 GA - 1-1/2 in.	3/16 in. - 2 in.	5.51 in. - 18.11 in.	6.5 - 72	4,100 - 50,000
PRS3RHD-8	8	10 GA - 1-3/8 in.	9 GA - 1-3/4 in.	5.51 in. - 18.11 in.	6.5 - 72	4,800 - 55,000
PRS3RHD-10	10	14 GA - 1-1/4 in.	10 GA - 1-1/2 in.	5.51 in. - 18.11 in.	6.5 - 72	4,800 - 59,000
PRS3RHD-12	12	10 GA - 1 in.	9 GA - 1-1/4 in.	8.27 in. - 18.11 in.	12 - 72	11,800 - 68,000
PRS3RHD-14	14	10 GA - 1 in.	3/16 in. - 1-1/4 in.	10.63 in. - 19.69 in.	18 - 72	20,600 - 78,000

\* Models and specifications are indicative of range of standard models. Higher capacity machines and longer, or shorter, lengths on request. Technical data are approximate and subject to modification without prior notice. Capacities assume yields of 36,000 psi. Specifications subject to change without notice. Consult your Praxair representative when ordering.