

# Boom & Column Manipulators



**Prostar™ Manipulators Handle Small & Large Welding Jobs with Stroke to 35 Feet +**



PRS Double 8



PRS1400

SPECIFICATIONS	PRS4×4-M	PRS6×6-M	PRS Double 8	PRS1100	PRS1400	PRS1600
<b>BOOM STROKE</b>	48 in.	72 in.	8 in.	11 in.	14 in.	16 in.
<b>VERTICAL BOOM TRAVEL</b>	10 in. to 58 in.	10 in. to 82 in.	205/8 in. to 112 in.	167/8 in. to 11 ft. 97/8 in.	211/8 in. to 14 ft. 91/8 in.	263/8 in. to 16 ft. 83/8 in.
<b>OVERALL</b>	300 lbs.	300 lbs.	500 lbs.	1,000 lbs.	1,500 lbs.	2,200 lbs.
<b>HEIGHT</b>	66 in.	90 in.	11 ft. 10-3/4 in.	15 ft. 15/16 in.	18 ft. 10-1/2 in.	21 ft. 8-3/4 in.

Specifications subject to change without notice. Consult your Praxair representative when ordering.

TYPICAL MAX DEPOSITION RATES*	
<b>SINGLE WIRE</b>	Up to 20 lbs./hr
<b>TWIN WIRE</b>	Up to 26 lbs./hr

\* Using 1,000 amp sub-arc power source.

- STANDARD FEATURES**
- Heavy duty box-beam construction
  - Remote pendant with joystick
  - Precisely machined anti-fall device
  - 360 degree rotation
  - Rack-and-pinion drive system for boom movement
  - Precision machined ways

**Available Options**

- Free-standing base
- Forward/stop/reverse footswitch
- Fast-slow footswitch
- Preset digital tachometer
- Tach feedback
- Variable speed hoist
- "Step-Over" overlay control
- Flashing red lights at column top and boom end
- Operator seats
- Welding support platform
- Remote mounting of wire reels
- Bulk wire systems
- Flux delivery and recovery systems
- Power track for cable
- Operator catwalk and ladder
- Power column rotation
- Wiper brushes
- Weld current grounds
- Screw lift
- Slides and swivels
- Travel cars
- Weld head mountings
- Tilting boom
- Remote operator stations
- Programmable operation
- Small ID weld heads
- Fume exhaust mounting