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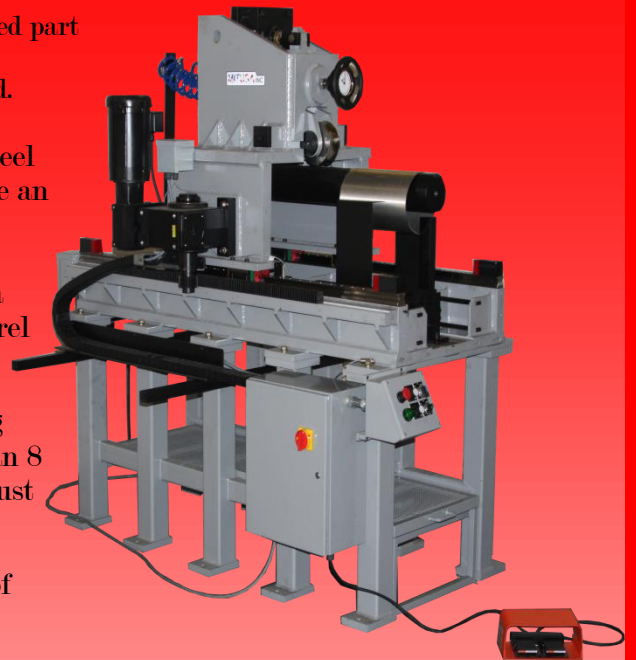
PL-1400 GANTRY ROLL PLANISHING MACHINE

Using up to 14,000 pounds of force between a steel roll and the supported part the weld nugget is cold worked and reduced in size. This operation can eliminate grinding, reduce weld reinforcement and strengthen the weld.

The PL 1400 Gantry Planisher, uses a 6 inch/152mm diameter steel roll to flatten the weld. The wheel is mounted to a carriage where an air ram pump exerts pressure between the part and roll. Part is mounted on the mandrel where it remains stationary during the planishing operation. Many part shapes can be planished using a combination of different wheel surface profiles or support mandrel geometries.

The motorized gantry carriage travels on four linear rail bearing blocks. Powered by a 2 Hp electric motor, the carriage contains an 8 inch/203mm stroke air ram pump. The hand wheel is used to adjust the ram's travel.

Unit has special control panel plus operator safety screen made of expanded metal.

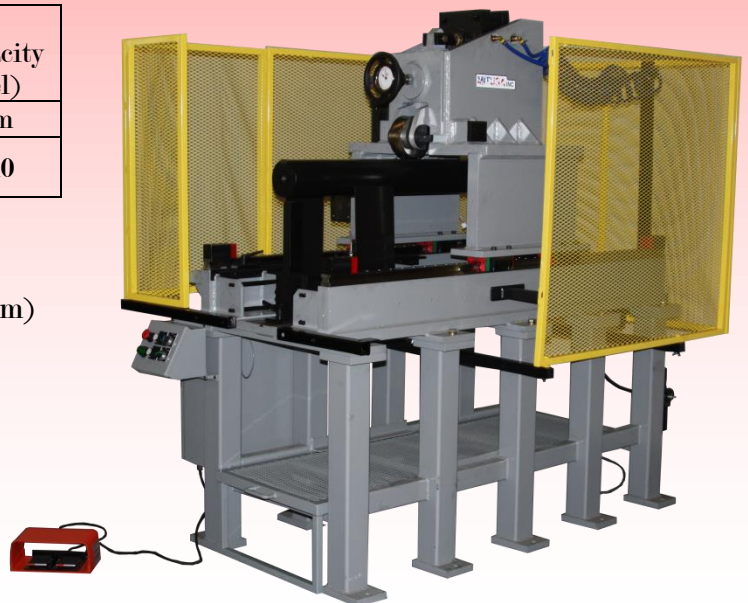


Model Number	Planishing Max Part Length		Min. Part Diameter		Max Part Diameter		Shipping Wt. (Approx.)	
	in	mm	in	mm	in	mm	lbs	Kg
PL-1400	36	914	5	127	18	457	5500	2495

Planishing Force		Maximum Thickness Capacity (steel)		Maximum Thickness Capacity (stainless steel)	
lbs	kg	in	mm	in	mm
14000	6350	0.188	4.78	0.122	3.10

Electrical Requirements: 220VAC single phase
Compressed Air: Clean, dry @ 80 PSI (5.6 Kg / sq cm)

	in	mm
Overall Length	90	2286
Overall Height	84	2134
Overall Width	54	1372



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