

iROSS™ Fluxmanager®

Tube & Pipe End Heating Systems

iROSS™ Fluxmanager® Pipe End Heating

Units are designed for heating a variety of tubular products. These systems utilize patented Fluxmanager® induction heat treatment technology that yields superior temperature uniformity compared to conventional medium frequency designs.



APPLICATIONS

- Stress relieving
- Preheat for welding
- Annealing
- Normalizing
- Removal and curing of coatings
- Friction welding and swage preheating

ACCESSORIES

- Hydraulic lift table
- Dual coil simultaneous operation
- Data archival recipe management
- Pneumatic coil shuttle options
- Standalone water/chiller system

FEATURES

- Deep and uniform temperature distribution, ID/OD, circumferentially and longitudinally
- Flexibility: 6 coil diameters cover all OCTG pipe sizes
- Modular: Robust and unitized system
- Infrared monitoring options
- Data logging capability for traceability
- Shaped flux concentrator for increased efficiency
- Versatile: 50 or 60Hz / 380 – 600VAC input
- Maintains 96.5% electrical efficiency at .95 power factor

TECH SPECS	
Dimensions (W x D x H)	Coil : 76" (1930 mm) x 36" (915 mm) x 80" (2032 mm)
Standard Power Rating	150 kW, Variable 60-150 Hz, 3 Phase
Standard Coil Assembly For Pipe O.D. Sizes: (Other sizes available upon request)	# 562 2.375" – 5.625" (61 – 143 mm)
	# 762 4.000" – 7.625" (102 – 193 mm)
	# 1062 7.625" – 10.625" (193 – 269 mm)
	# 1462 10.625" – 14.625" (269 – 371 mm)
	# 1762 14.625" – 17.625" (371 – 448 mm)
	# 2062 17.625" – 20.625" (448 – 524 mm)
International voltages are standard	

(75/8" (194 mm) dia. - 3/4" (19 mm) wall, heat length 10" (254 mm)

