

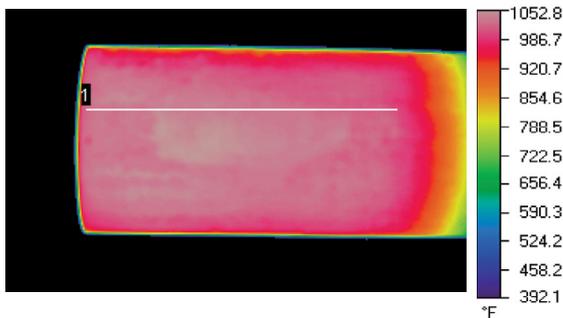


IROSS™ FluxManager® Heating Systems

Patented system delivers precise heating results

IROSS™ Fluxmanager® Phase 1 Heating System is designed specifically for heating a wide variety of tubular products while delivering the industry's best heat affected zone. These systems utilize patented Fluxmanager® technology that yield superior temperature uniformity compared to conventional designs. The Phase 1 heating system features variable frequency control, allowing precise heating on a wide variety of pipe sizes and wall thicknesses.

7 5/8" (194 mm) dia. - 3/4" (19 mm) wall • Heat length 12" (381 mm)



Above:

Superior heating performance was achieved without any soak time needed, yielding much faster cycle times than any other technology.

- Stress Relieving
- Preheat for welding
- Hardening
- Annealing / Normalizing
- Removal and cure of coatings
- Friction weld & Swage Preheat

FluxManager® Features / Benefits

- Versatile: 50/60Hz Configuration
- Deep & uniform temperature distribution, ID/OD laterally, and longitudinally along extended lengths of pipe ends even when tubes are positioned non-concentric, with distinct pattern
- Flexibility: 6 Coil diameters cover the complete OCTG pipe range
- Pyrometer or thermal imaging options
- Data logging capability for traceability
- Patented shaped flux concentrator for increased efficiency
- Deionised water not required



6 Coil diameters cover the complete OCTG pipe range



IROSS™ FluxManager® Equipment Specifications

Standard Power Ratings (Other sizes available upon request)	167 & 192 kVa, 50/60 Hz, Single Phase	
Cooling System	Standard water-to-water recirculation system	
Standard Coil Assembly Pipe Size (Other sizes available upon request)	#562	2.375" - 5.625" (61 - 143mm)
	# 762	5.625" - 7.625" (61 - 193 mm)
	# 1062	7.625" - 10.625" (193 - 269 mm)
	# 1462	10.625" - 14.625" (269 - 371 mm)
	# 2062	14.625" - 20.625" (371 - 473 mm)
Shipping Weight	Transformer / Controls: 2500 lbs. (1133 kg) Coil Table: 1000 lbs. (454 kg)	
Transformer / Controls / Dimensions (Width x Length x Height)	167kVA: 77" (1856mm) x 49" (1245mm) x 74" (1880mm)	
	192kVA: 85" (2159mm) x 44" (1117mm) x 72" (1828mm)	
Coil w/ Hydraulic Lift Table Dimensions (Width x Length x Height)	68" (1727mm) x 48" (1219mm) x 36" (914mm) (Maximum raised height to centerline of coil: 68" (1727 mm))	
Plant Water Requirements	10 gpm @ 50 psi @ 110°F max. (45 lpm @ 3 bar @ 43°C max.) To extract-150,000 Btu/hr	
Plant Air Requirements	10 CFM @ 60PSI for optional pneumatic actuated cart	
Input Voltage (Standard)	440, {460/480} volts.	
Input Voltage Options (International)	380, 400, 575 volts (Specify in advance)	
Safety Features	Extruded aluminium and expanded metal trim	
Options / Accessories	Infrared temperature control, Data Logging Recipe Management, Pneumatic Coil Shuttle	
*Specifications are subject to change without notice.		

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