



**Approximate Machine Weight**  
 ROF 500 - 9,389 kg  
 Gripper - 5,795 kg

**!!!CUSTOMER NOTE!!!**  
 ROF 500 Coper Is Manufactured At A 1219mm Passline And Requires A CUSTOMER SUPPLIED Pit Or Platform To Achieve Any Other Passline Requested.

**GAS REQUIREMENTS: HPR 400**

(Req'd @ Each )  
 The Following Requirements Are Recommended For Cutting Mild Steel.  
**PLASMA GAS TYPES:** OXYGEN (O2)  
**SHIELD GAS TYPES:** AIR  
**GAS QUALITY:** 99.5% PURE, Clean, Dry, Oil-Free (LIQUID GAS RECOMMENDED)  
**REQUIRED FLOW RATES & INLET PRESSURES**  
 OXYGEN 8.3 bar AT 4250 l/hr  
 AIR 8.3 bar AT 11330 l/hr

**ROF 500 Coper NOTES:**

- 1.) Passline of Equipment Based on 1219mm from Floorline
- 2.) Concrete Under System to be a Minimum of 200mm Thick
- 3.) Primary 400 V., 3 Ph., 50 Hz. [Req'd @ each ]
- 4.) Total K.V.A. for Equipment = 40 K.V.A. (61 Amps)
- 5.) Air Requirement With Out Signoscript: 7.93 bar, 0.85 SCMM Min. Free Air [Req'd @ each ]
- 6.) Hydraulic Oil (Mobil DTE #24 or Equal) [Req'd @ Each ] {113 Gal. Total}
- 7.) Anchor Bolts (Machine & Gripper) 20mm Anchor Bolts or Equal [24 Req'd]
- 7.) Anchor Bolts (Entry Conveyor) 16mm Anchor Bolts or Equal [4 Req'd]
- 7.) Anchor Bolts (Crossover Platform & Filtration) 12mm Anchor Bolts or Equal [11 Req'd]
- 8.) Network/Internet Connection for Data Transfer and Remote Diagnostics [Req'd @ Each ]

E									
D									
C									
B									
A									
LET.									

**IMPORTANT Safety Note:**  
 Because of the different conditions, guard the responsibility of the system access by unauthorized personnel and to provide safe crossing.  
 DRAWN BY: *J. Macdon* SCALE: 1 : 40 DATE:  
 Peddinghaus Corp.  
 BEALEY, ILL. U.S.A.  
 Ring Of Fire (ROF 500)  
 for

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