

# PIT BULL® 250

Fusion Capability for 63mm to 250mm (2" IPS to 8" DIPS)



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## OVERVIEW

McElroy 250 machines come in multiple configurations to ensure your pipe fusion needs are covered. The 250 machines butt fuse pipe sizes from 63mm to 250mm (2" IPS to 8" DIPS).

The **Pit Bull® 250** is used for special applications where the Rolling 250 or TracStar® 250 is not needed. All McElroy 250 machines incorporate a 4-jaw carriage that can be converted to a 3-jaw carriage to become an even more compact fusion unit.

Also available is a Pit Bull 250 Combination Unit (CU) that allows fusion of branch saddles with a maximum base diameter of 9.63" onto any size main.

## FEATURES

- Compact fusion unit for special applications
- DataLogger® compatible
- Hydraulic Power Unit (HPU) sold separately
- Available in a Combination Unit (CU) for sidewall fusion

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes:..... 63mm – 250mm (2" IPS – 8" DIPS)

### MODELS

AT2505501:..... High Cylinder Force, 220V-240V, 50/60Hz, 1 Phase Input Voltage Req.  
 AT2505503:..... Low Cylinder Force, 220V-240V, 50/60Hz, 1 Phase Input Voltage Req.  
 AT2505502:..... High Force Combination Unit (CU), 220V-240V, 50/60Hz, 1 Phase Input Voltage Req.  
 AT2505504:..... Low Force Combination Unit (CU), 220V-240V, 50/60Hz, 1 Phase Input Voltage Req.

### WEIGHT

4-Jaw Carriage:..... 112 Kg (247 lbs)  
 4-Jaw Combination Unit Carriage:..... 133 Kg (293 lbs)  
 3-Jaw Carriage:..... 56.2 Kg (124 lbs)  
 3-Jaw Combination Unit Carriage:..... 77.1 Kg (170 lbs)  
 Facer:..... 19 Kg (44 lbs)  
 Heater:..... 12.2 Kg (27 lbs)  
 HPU:..... 176.9 Kg (390 lbs)

### POWER

Minimum Power Requirement:..... 3 kW  
 Butt Fusion Heater:..... 3,000 Watt  
 Sidewall Heater:..... 2,270 Watt  
 Facer Power:..... Hydraulic

### HPU MODELS

T1810901:..... 240V, 60Hz, 1 Phase Input Voltage Req.  
 T1810902:..... 220-240V, 50/60Hz, 3 Phase Input Voltage Req.

### HPU HYDRAULICS

Maximum System Pressure:..... 103 BAR (1,500 PSI)  
 Hydraulic Reservoir Capacity:..... 37 Liters (10 Gallons)  
 Pump Flow Rate 60 Hz:..... 6.1 GPM (23.1 LPM)  
 Pump Flow Rate 50 Hz:..... 5.0 GPM (18.9 LPM)  
 Fluid:..... Exxon Univis N46 or equivalent  
 Filtration:..... 10 micron absolute

### HPU MOTOR

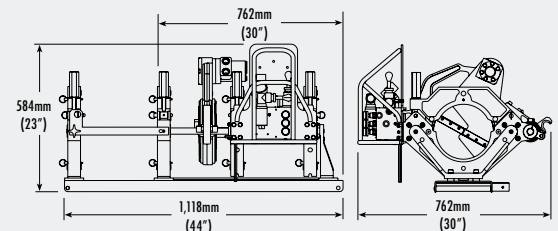
Electric:..... 5 HP, 21.5 Amp @ 60 Hz, 1 Ph / 5 HP, 13.4 Amp @ 50/60 Hz, 3 Ph

### HPU POWER

Power Requirement:..... 7.9 kVA, 7.8 kW @ 60 Hz, 1 Ph / 8.2 kVA, 7.5 kW @ 50/60 Hz, 3 Ph

### HPU MOBILITY

Tires:..... High-flotation inflatable tires  
 Transportation:..... Two-wheel cart



PIT BULL 250

### INCLUSIONS

Pit Bull 250 includes fusion carriage, facer and insulated heater stand. HPU that includes extension hoses and lifting assembly sold separately. Specifications are subject to change without notice.

