

# PIT BULL® 618

Fusion Capability for 6" IPS to 18" OD (180mm — 450mm)



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## OVERVIEW

Some fusions require a tough machine to get down and dirty. The **Pit Bull® 618** is used to butt fuse 6" IPS to 18" OD (180mm to 450mm) pipe sizes in special applications where wheeled or tracked 618 machines are not needed. The machine is compact, while retaining many of McElroy's popular features.

## FEATURES

- Patented Centerline Guidance System for equal distribution of force around the joint
- Industry-standard semi-automatic hydraulic control system
- ISO-compliant industrial Teflon-coated plates
- Removable 3- or 4-jaw carriage for in-ditch use
- DataLogger® compatible
- Serrated jaws and inserts keep pipe from slipping during fusion
- Thrust-bearing-equipped clamp knobs to minimize force required to clamp and round pipe
- Hydraulic facer for facing the heaviest wall pipe with ease
- Microprocessor-controlled heater
- Advanced blade design for smooth face and long life
- Hydraulic Power Unit (HPU) sold separately

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes:.....6" IPS – 18" OD (180mm – 450mm)

### MODELS

AT1807502:..... High Cylinder Force, 220V - 240V, 50/60Hz, 1 Phase Input Voltage Req.

AT1807501:..... Medium Cylinder Force, 220V - 240V, 50/60Hz, 1 Phase Input Voltage Req.

AT1807503:..... Low Cylinder Force, 220V - 240V, 50/60Hz, 1 Phase Input Voltage Req.

### WEIGHT

4-Jaw Carriage Configuration:..... 605 lbs (274.4 Kg)

3-Jaw Carriage Configuration:..... 416 lbs (188.7 Kg)

Facer:..... 91 lbs. (41.3 Kg)

6" IPS - 12" DIPS Heater:..... 28 lbs. (13 Kg)

12" IPS - 18" OD Heater:..... 34 lbs. (15.4 Kg)

HPU:..... 390 lbs. (176.9 Kg)

### POWER

Heater Power: .....3,000 Watt

Facer Power: .....Hydraulic

### CHASSIS

Frame:.....Welded steel construction

### HPU MODELS

T1810901:..... 240V, 60Hz, 1 Phase Input Voltage Req.

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

### HPU HYDRAULICS

System Pressure:.....1,500 PSI (103.42 BAR) Max.

Hydraulic Reservoir Capacity:..... 10 Gallons (37 Liters)

Pump Flow Rate 60 Hz:..... 6.1 GPM (23.1 LPM)

Pump Flow Rate 50 Hz:..... 5.0 GPM (18.9 LPM)

Fluid:..... Exxon Unisvis N46 or equivalent

Filtration:..... 10 micron absolute

### HPU MOTOR

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

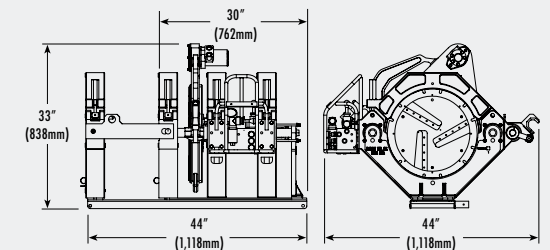
### HPU POWER

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

### HPU MOBILITY

Tires:.....High-flotation inflatable tires

Transportation:.....Two-wheel cart



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### INCLUSIONS

The Pit Bull 618 includes fusion carriage, facer, 12" IPS - 18" OD heater and insulated heater stand. HPU that includes extension hoses and lifting assembly is sold separately. Specifications are subject to change without notice.

