

# PIT BULL® 500 SERIES II

Fusion Capability for 315mm – 500mm (12"-20") Polypropylene Pipe



Pit Bull® 500 Series II

## OVERVIEW

McElroy's **Pit Bull® 500 Series II** will butt fuse polypropylene pipe sizes from 315mm to 500mm (12"-20"). The machine is used for special applications where space is limited but the power of hydraulic facing is advantageous.

Designed to excel at polypropylene fusion sites, the strong hydraulic facer allows operators to face and prepare the pipe for fusion with speed and efficiency. Pit Bull 500 machines incorporate a 4-jaw carriage that can be converted to a 3-jaw carriage providing an even more compact fusion unit. The flexibility allows operators to configure the machine based on jobsite needs.

The Pit Bull 500 provides the rugged reliability you expect from McElroy equipment, and is engineered with the polypropylene fusion industry in mind.

## FEATURES

- McElroy's patented Center Line Guidance system delivers equal distribution of force around the pipe ends
- Industry-leading semi-automatic hydraulic control system
- Easily configurable 3- or 4-jaw carriage
- ISO-compliant industrial Teflon-coated heater plates
- DataLogger® compatible
- Thrust-bearing-equipped clamp knobs, and serrated jaws and inserts, minimize clamping force required to prevent slippage during the fusion process
- Powerful hydraulic facer for facing the toughest pipe with ease
- Advance Blade Design for smooth faceoff and long blade life
- Precision Microprocessor-controlled heater

## SPECIFICATIONS

### CAPACITY

Fuses Pipe Sizes: ..... 315mm – 500mm (12"-20")

### MODELS

AT5034002: ..... Carriage Package

T1810901: ..... 240V HPU Package

T1810902: ..... 220 - 240V HPU Package

### WEIGHT

4-Jaw Carriage Configuration: ..... 390 lbs. (176.9 Kg)

3-Jaw Carriage Configuration: ..... 289 lbs. (131.1 Kg)

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

Facer: ..... 84 lbs. (38.1 Kg)

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

12" IPS - 20" OD Heater: ..... 39 lbs. (17.7 Kg)

### POWER

Minimum Power Requirement: ..... (240V) 8.9 KVA/8.8 KW

Minimum Power Requirement: ..... (220 - 240V) 9.2 KVA/8.5 KW

Heater Power (12" IPS – 20" OD Heater): ..... 4,000 Watt

Facer Power: ..... Hydraulic

### HPU HYDRAULICS

Max Gauge Pressure: ..... 800 PSI (55.16 BAR)

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 Univas N46 or equivalent

Filtration: ..... 10 micron absolute

### HPU MOTOR

Electric: ..... 5 HP

### HPU POWER

Power Requirement: ..... 5.2 KVA/4.5 KW

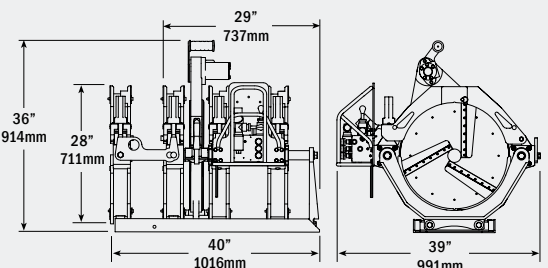
### CHASSIS

Frame: ..... Welded steel construction

### HPU MOBILITY

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

Transportation: ..... Two-wheel cart (HPU)



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### INCLUSIONS

The Pit Bull 500 Series II packages include fusion machine, facer, facer stand, 12" to 20" heater and insulated heater stand. Pit Bull HPU that includes extension hoses and lifting assembly is sold separately. Specifications subject to change without notice.