

ACROBAT™ 250

Fusion capability for 63mm to 250mm (2"-10") polypropylene pipe



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OVERVIEW

The **Acrobat 250** fusion machine has a lightweight design and small footprint allowing operators to fuse pipe in small trenches and other areas where space is limited. To further reduce its footprint, the carriage can be configured from 4 to 3 jaws without tools.

The Acrobat is compatible with two hydraulic power units (HPUs) designed to meet the maximum system pressure desired on your jobsite. Two carriage pressure configurations are available: low force, for fusing in low-drag situations or with thinner-walled pipe; and high-force, for fusing in high drag and vertical applications. Both allow the operator to preset the facing, heating and fusing pressures.

FEATURES

- Low- or high-force cylinders available for versatility
- Compatible with two HPUs to meet maximum system pressure desired
- Compact and lightweight with removable upper jaws for easy maneuvering in tight spaces
- Configures from 4 to 3 jaws without tools for quick adjustment
- Narrow jaws allow fusions to most flanges and fittings
- Inserts available in 6" IPS/DIPS and 8" IPS/DIPS
- DataLogger® compatible
- Lightweight heater and guide rod latching system eliminates the need to hold the heater in place during overhead fusions
- Hard-anodized aluminum wear surfaces resist corrosion, extend machine life

SPECIFICATIONS

CAPACITY

Fuses Pipe Sizes:..... 63mm – 250mm (2"-10")

MODEL

| CARRIAGE FORCE | VOLTAGE | HYDRAULIC POWER UNIT | PART NUMBER |
|----------------|----------|----------------------|-------------|
| Low | 110-120V | Acrobat HPU | A2500101 |
| | 220-240V | | A2500102 |
| High | 110-120V | | A2500109 |
| | 220-240V | | A2500110 |
| | 110-120V | DynaMc EP HPU | A2500111 |
| | 220-240V | | A2500112 |

POWER REQUIREMENTS

| | 120V | 240V |
|-------------|----------------|----------------|
| Heater | 1.75 kW | 3 kW |
| Facer | 10 Amp | 5 Amp |
| Acrobat HPU | .3 HP, 5.9 Amp | .3 HP, 2.4 Amp |
| DynaMc HPU | 2.2 HP, 14 Amp | 2.2HP, 7 Amp |

PLUG TYPE

120V: Nema 5-15

240V: CEE 7/7

WEIGHT

4-Jaw Carriage: 53.6 lbs. (24.3 Kg)

3-Jaw Carriage:..... 38.1 lbs. (17.3 Kg)

Facer: 39.8 lbs. (18.1 Kg)

Heater: 20 lbs. (9.1 Kg)

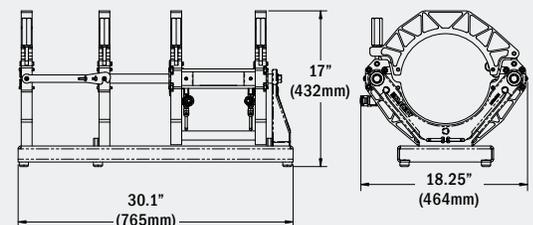
Acrobat HPU: 56 lbs. (25.4 Kg)

DynaMc HPU: 115 lbs. (52.1 Kg)

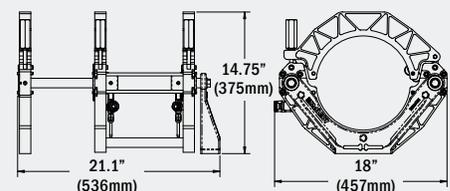
MAXIMUM GAUGE PRESSURE

Acrobat HPU: 800 PSI (55.2 BAR)

DynaMc HPU: 1500 PSI (103.4 BAR)



ACROBAT 250 4-JAW CARRIAGE



ACROBAT 250 3-JAW CARRIAGE

INCLUSIONS

Acrobat 250 package includes fusion machine, facer, heater, insulated heater basket, facer stand, HPU and shipping container. Specifications are subject to change without notice.