

ACROBAT™ 315

Fusion capability for 200mm to 315mm (8"-12") polypropylene pipe



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OVERVIEW

The **Acrobat 315** 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 280mm, 10" IPS, 10" DIPS; also compatible with Acrobat 250 inserts
- Facer with inline motor and gear reduction for lightweight, compact assembly; squeeze trigger makes locking and unlocking from the carriage easier
- 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:..... 200mm – 315mm (8"-12")

MODEL

CARRIAGE FORCE	VOLTAGE	HYDRAULIC POWER UNIT	PART NUMBER
Low	110-120V	Acrobat HPU	A31500101
	220-240V		A31500102
High	110-120V		A31500103
	220-240V		A31500104
	110-120V	A31500105	
	220-240V	DynaMc EP HPU	A31500106

POWER REQUIREMENTS

	120V	240V
Heater	1.85 kW	3 kW
Acrobat HPU	.3 HP, 5.9 Amp	.3 HP, 2.4 Amp
DynaMc HPU	2.2 HP, 14 Amp	2.2 HP, 7 Amp

PLUG TYPE

120V: Nema 5-15

240V: CEE 7/7

WEIGHT

4-Jaw Carriage:..... 97 lbs. (44 Kg)

3-Jaw Carriage:..... 72 lbs. (32.7 Kg)

Facer:..... 38 lbs. (17.2 Kg)

Heater:..... 22 lbs. (10 Kg)

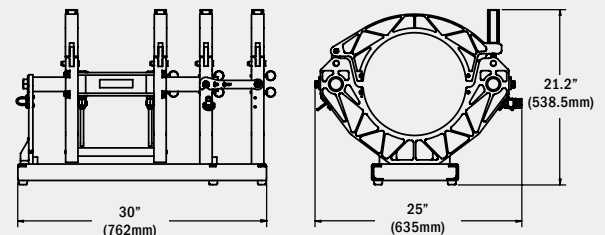
Acrobat HPU:..... 56 lbs. (25.4 Kg)

DynaMc HPU:..... 115 lbs. (52.1 Kg)

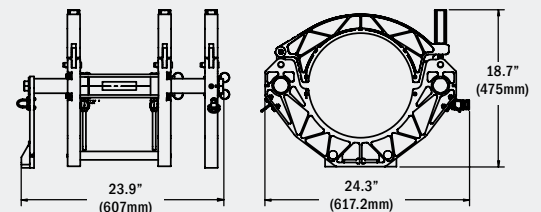
MAXIMUM GAUGE PRESSURE

Acrobat HPU:..... 800 PSI (55.2 BAR)

DynaMc HPU:..... 1,500 PSI (103.4 BAR)



ACROBAT 315 4-JAW CARRIAGE



ACROBAT 315 3-JAW CARRIAGE

INCLUSIONS

Acrobat 315 package includes fusion machine, facer, heater, insulated heater basket, facer stand, HPU and shipping container. Specifications are subject to change without notice.