

# ACROBAT™ 315

90MM - 315MM (4" - 12")

MADE FOR  
MECHANICAL  
HVAC  
PLUMBING



## STANDARD FEATURES

- ✓ 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
- ✓ 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
- ✓ DataLogger® compatible



**DataLogger**  
COMPATIBLE



The Acrobat™ 315 fusion machine has a lightweight, compact design for easy maneuvering in tight indoor workspaces specific to the polypropylene industry. To further reduce its footprint, the carriage can be configured from 4 to 3 jaws without tools. A single-size insert design can accommodate a variety of pipe sizes, and its narrow jaws allow fusions to most flanges and fittings.

It comes with a lightweight heater and guide rod latching system which eliminates the need to hold the heater in place manually during overhead fusions. Its ergonomic handlebar design makes it easy to use in different orientations, including overhead.

**SEE SECOND PAGE FOR DETAILED SPECIFICATIONS**

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## SPECIFICATIONS

MODELS		POWER		CARRIAGE DIMENSIONS	
<a href="#">A31500101</a>	Low Force, 120V	120V Heater	100-120V, 1,850 Watts, 50 / 60 Hz, 1 Ph	Length	4-Jaw - 30" (762mm) 3-Jaw - 23.9" (607.1mm)
<a href="#">A31500102</a>	Low Force, 240V				
<a href="#">A315P1024001</a>	Low Force, 120V	110-120V Heater	110-120V, 1,850 Watts, 50 / 60 Hz, 1 Ph	Width	4-Jaw - 25" (635mm) 3-Jaw - 24.3" (617.2mm)
WEIGHTS		240V Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Height	4-Jaw - 21.2" (538.5mm) 3-Jaw - 18.7" (475mm)
Carriage	4-Jaw - 97 lbs. (44 Kg) 3-Jaw - 72 lbs. (32.7 Kg)	Facer	2.3 HP, 50 / 60 Hz, 1 Ph	SHIPPING DIMENSIONS	
120V Heater	22 lbs. (10 Kg)	110-120V Heater Plug type	CEE 7/7 (DIN 49441)	Length	46" (1,168.4 mm)
110-120V Heater	24.7 lbs. (11.2 Kg)	120V Heater Plug type	NEMA 5-15P	Width	50" (1,270 mm)
Facer	46.1 lbs. (20.9 Kg)	Facer Plug type	CEE 7/7 (DIN 49441)	Height	32" (812.8 mm)
Shipping Weight	461 lbs. (209.1 Kg)	MACHINE DIMENSIONS		INCLUDES	
HYDRAULICS				Fusion machine, 250mm and 200mm inserts, facer, heater, insulated heater stand, facer stand, EP800AD HPU (Hydraulic Power Unit) and shipping container.	
Fusion Pressure	800 PSI (55.2 BAR)	Machine Length	30" (762mm)		
		Machine Width	25" (635mm)		
		Machine Height	21.2" (538.5mm)		