

# HORNET™ XL

20MM - 160MM OUTLETS ON MAINS 40MM AND LARGER



MADE FOR  
MECHANICAL  
HVAC  
PLUMBING



## STANDARD FEATURES

- ✓ Integrated chain clamp system allows operation across wide range of pipe sizes
- ✓ Rack and pinion drive for smooth operation
- ✓ Self-centering base design ensures fusion operations align on center of pipe
- ✓ Heater alignment guides for even melts
- ✓ Carriage brake locks in position
- ✓ Drive handle moves from side to side for extra clearance
- ✓ Quick change pull pin to easily change standard Acrobat™ inserts
- ✓ Pre-pupped outlets can be fused on using existing Acrobat 160 inserts



The Hornet XL is McElroy's largest all-in-one tool for polypropylene outlet fusion. It brings the same innovative alternative to manual outlet fusion methods in larger outlet sizes up to 160mm and offers a cost-effective option over prefabrication. The Hornet XL's patent-pending design allows it to self-align on the center of the pipe while a guided carriage facilitates the drilling of the outlet hole and fusion of the fitting.

The fitting and drill adapters easily swap in and out of the carriage which keeps the outlet hole and fitting aligned throughout the entire process — creating a more accurate fusion. The drill adapter also resists torque to create a better and smoother operator experience. Guide rod brackets and a built-in stripping mechanism make it easy to maintain control of the heater while pulling it away from molten material.

One person can operate the Hornet which is capable of fusing pipe in any orientation — making it ideal for overhead and vertical fusions. The unique design of the carriage makes it possible to perform socket fusions using standard heater adapters while keeping the machine on the main. The Hornet XL works with all existing McElroy socket and fusion outlet welding heads for polypropylene pipe. An integrated chain clamp system allows it attach to a wide range of main sizes from 110mm and larger while installing outlets for 63mm to 160mm branches.

## SPECIFICATIONS

### MODELS

<a href="#">ASW31401</a>	110-120V
<a href="#">ASW31402</a>	220-240V

### CAPACITY

Branch Size Capacity	63mm - 160mm
Main Size Capacity	110mm and up - 25,399,974.6mm

### WEIGHTS

Machine	42 lbs. (19.1 Kg)
16 - 63mm Heater	3.5 lbs. (1.6 Kg)
16-125mm Heater	5.5 lbs. (2.5 Kg)

### POWER

120V Heater	1,600 Watts
16-125mm Heater	1,600 Watts, 50 / 60 Hz, 1 Ph
16 - 63mm Heater	800 Watts, 50 / 60 Hz, 1 Ph
16 - 63mm Heater Plug type	CEE 7/7
240V Heater Plug type	DIN 49441
120V Heater Plug type	NEMA 5-15P

### MACHINE DIMENSIONS

Machine Length	22.5" (571.5mm)
Machine Width	19.5" (495.3mm)
Machine Height	13.5" (342.9mm)
Maximum Stroke Length	12.5" (317.5mm)

### DRILL ADAPTER

Hex Drive	0.3" (7.9mm)
Drill Shank Sizes	3/8" - 1/2"

### INCLUDES

Hornet XL fusion machine, heater, drill adapter, drill adapter sleeve, 7/16" socket, 3/8" square drive, fitting adapter, fitting clamp puck kit, chain extensions, 63mm inserts, accessory case and carrying case.