

# TRACSTAR® 618 SERIES 2

200MM - 450MM (8" - 18")



The TracStar 618 Series 2 has been completely redesigned based on feedback that came directly from the field. The new machine now shares the same vehicle with the 250 and 412 range of TracStars and is powered by a powerful diesel engine – which is especially useful on jobsites where gasoline is not permitted.

Designed to butt fuse polypropylene pipes and fittings from 200mm — 450mm (8"-18"), the TracStar 618 Series 2 offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent.

A new cowling design aids in heat dissipation while providing easier access when machine maintenance is required. An updated electrical system increases the circuit protection and a standard battery disconnect is now incorporated for easy lockout.

The TracStar 618 Series 2 fusion machines incorporate an interchangeable 4-jaw carriage that can be easily removed for in-ditch fusions. For tight installations, the outer fixed jaw and skid can be removed from the carriage converting it to a 3-jaw carriage for an even more compact fusion unit.

## ADDITIONAL IMAGES



MADE FOR

MECHANICAL  
HVAC  
PLUMBING



## STANDARD FEATURES

- ✓ McElroy's patented Centerline Guidance System delivers equal distribution of force around the pipe ends
- ✓ Self-contained, self-propelled, all-terrain
- ✓ Powered by a low-vibration, diesel engine
- ✓ DataLogger® compatible
- ✓ Industry-leading semi-automatic hydraulic control system
- ✓ Easily configurable 3- or 4-jaw carriage
- ✓ Precision microprocessor-controlled heater
- ✓ ISO-compliant industrial Teflon-coated heater plates
- ✓ On-board generator for powering heater
- ✓ Powerful hydraulic facer for facing the toughest pipe with ease
- ✓ Advanced blade design for smooth faceoff and long blade life
- ✓ Fits in a standard long boc truck bed for easy transport
- ✓ 8+ hours operational fuel tank capacity
- ✓ Dual hydraulic pipe lifts



DataLogger  
COMPATIBLE

**SEE SECOND PAGE FOR DETAILED SPECIFICATIONS**

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**McELROY**

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## SPECIFICATIONS

MODELS		POWER		CARRIAGE DIMENSIONS	
<a href="#">AT1830003</a>	Low Force	Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Length	<b>3-Jaw</b> - 28.9" (734.1mm) <b>4-Jaw</b> - 44.3" (1,125.2mm)
WEIGHTS		AC Output	120V & 240V, 60Hz, 15Amp	Width	<b>4-Jaw</b> - 43.3" (1,099.8mm) <b>3-Jaw</b> - 43.3" (1,099.8mm)
Machine	2,273 lbs. (1,031 Kg)	Heater Plug type	NEMA 6-15P	Height	<b>3-Jaw</b> - 31.3" (795mm) <b>4-Jaw</b> - 33.1" (840.7mm)
Vehicle	1,620 lbs. (734.8 Kg)	Facer	Hydraulic	SHIPPING DIMENSIONS	
Carriage	<b>3-Jaw</b> - 416 lbs. (188.7 Kg) <b>4-Jaw</b> - 605 lbs. (274.4 Kg)	CHASSIS		Length	90" (2,286 mm)
Heater	34 lbs. (15.4 Kg)	Frame	Welded steel construction	Width	60" (1,524 mm)
Facer	91 lbs. (41.3 Kg)	Brake	Self-locking	Height	63" (1,600.2 mm)
Shipping Weight	2,791 lbs. (1,266 Kg)	MOBILITY		INCLUDES	
HYDRAULICS		Mobility Type	Rubber crawler tracks	Fusion machine, facer, 12"-18" heater, insulated heater stand and lifting assembly.	
System Pressure	2,000 PSI (137.9 BAR)	Transportation	Self-propelled		
Fusion Pressure	1,500 PSI (103.4 BAR)	Vehicle Speed	1.5 MPH		
Hydraulic Reservoir Capacity	8 Gallons (30.3 Liters)	Lifting	Lift points and lifting assembly		
ENGINE		Starting System	Electric		
Engine Horse Power	20 HP	MACHINE DIMENSIONS			
Engine Cooling	Liquid Cooling	Machine Length	97" (2,463.8mm)		
Engine Fuel Type	Diesel	Machine Width	56" (1,422.4mm)		
Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	Machine Height	53" (1,346.2mm)		
Engine Operational Fuel Tank Capacity	8 Hours	Heater Extended Width	58" (1,473.2mm)		
Engine Starting System	Electric	Heater Extended Height	67" (1,701.8mm)		