

TRACSTAR® 618 SERIES 2

6" IPS - 18" OD (160MM - 450MM)



MADE FOR

UNDERGROUND
CONSTRUCTION



The TracStar® 618 Series 2 has been completely redesigned based on feedback that came directly from the field. The new machine now shares a common vehicle with the 28, 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 pipe sizes from 6" IPS to 18" OD (180mm to 450mm), the TracStar 618 Series 2 offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent.

A new cowl 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.

Also available is the Automated TracStar 618 Series 2 which guides the operator through a step-by-step procedure for fusing pipe. This option provides automated control over the heat, soak, fuse and cool cycles.

ADDITIONAL IMAGES



STANDARD FEATURES

- ✓ Self-contained, self-propelled, all-terrain
- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ Powered by a diesel engine
- ✓ On-board generator for powering heater
- ✓ Thrust-bearing-equipped clamp knobs to minimize force required to clamp and round pipe
- ✓ Removable 3- or 4-jaw carriage for in-ditch use
- ✓ Dual hydraulic pipe lifts aid in loading and unloading pipe
- ✓ Serrated jaws and inserts keep pipe from slipping during fusion
- ✓ Industry-standard semi-automatic hydraulic control system
- ✓ Redesigned cowlings for better airflow and ease of maintenance
- ✓ 8+ hours operational fuel tank capacity
- ✓ Hydraulic Clamping available
- ✓ ISO-compliant industrial Teflon-coated heater plates
- ✓ Advanced blade design for smooth face and long life
- ✓ Self-locking brakes
- ✓ Battery disconnect for easy lockout
- ✓ DataLogger compatible



DataLogger
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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McELROY

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6" IPS - 18" OD (160MM - 450MM)

SPECIFICATIONS

MODELS		POWER		CARRIAGE DIMENSIONS	
AT1830002	High Force	6" IPS - 12" DIPS Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Length	3-Jaw - 28.9" (734.1mm) 4-Jaw - 44.3" (1,125.2mm)
AT1830001	Medium Force	12" IPS - 18" Heater	220-240V, 3,000 Watts, 50 / 60 Hz, 1 Ph	Width	4-Jaw - 43.3" (1,099.8mm) 3-Jaw - 43.3" (1,099.8mm)
AT1830003	Low Force			Height	3-Jaw - 31.3" (795mm) 4-Jaw - 33.1" (840.7mm)
WEIGHTS		CHASSIS		SHIPPING DIMENSIONS	
Machine	2,273 lbs. (1,031 Kg)	Frame	Welded steel construction	Length	61" (1,549.4 mm)
Vehicle	1,620 lbs. (734.8 Kg)	Brake	Self-locking	Width	91" (2,311.4 mm)
Carriage	3-Jaw - 416 lbs. (188.7 Kg) 4-Jaw - 605 lbs. (274.4 Kg)	MOBILITY		Height	64" (1,625.6 mm)
6" IPS - 12" DIPS Heater	28 lbs. (12.7 Kg)	Mobility Type	Rubber crawler tracks	INCLUDES	
12" IPS - 18" Heater	34 lbs. (15.4 Kg)	Transportation	Self-propelled	Standard machine with operator-controlled fusion processes designed to meet regulations in the US and similar markets.	
Facer	91 lbs. (41.3 Kg)	Vehicle Speed	1.5 MPH	Includes: Fusion machine, facer, 12" DIPS - 18" OD heater, insulated heater stand, and lifting assembly.	
Shipping Weight	3,000 lbs. (1,360.8 Kg)	Lifting	Lift points and lifting assembly		
HYDRAULICS		Starting System	Electric		
System Pressure	2,000 PSI (137.9 BAR)	MACHINE DIMENSIONS			
Fusion Pressure	1,500 PSI (103.4 BAR)	Machine Length	97" (2,463.8mm)		
Hydraulic Reservoir Capacity	8 Gallons (30.3 Liters)	Machine Width	56" (1,422.4mm)		
ENGINE		Machine Height	53" (1,346.2mm)		
Engine Horse Power	20 HP	Heater Extended Width	58" (1,473.2mm)		
Engine Cooling	Liquid Cooling	Heater Extended Height	67" (1,701.8mm)		
Engine Fuel Type	Diesel				
Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)				
Engine Operational Fuel Tank Capacity	8 Hours				
Engine Starting System	Electric				