

TRACSTAR® 618i

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

MADE FOR

UNDERGROUND
CONSTRUCTION



The TracStar® /Series technology is now available for medium diameter pipe sizes. The TracStar 618/ incorporates the FusionGuide™ Control System seen on other TracStar /Series models, giving operators the choice of three levels of control during the fusion process. Each level has varying degrees of assistance, from manual control to fully automatic fusion.

Designed to butt fuse pipe sizes from 6" IPS to 18" OD (160mm to 450mm), the TracStar 618/ offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent. Its improved cowl design aids in heat dissipation, and its powerful diesel engine allows it to be used on jobsites where gasoline is not permitted.

Like other TracStar /Series machines, the TracStar 618/i is controlled via the DataLogger®, McElroy's ruggedized tablet that records fusion parameters and other pertinent data during the fusion process. The TracStar 618/s enhanced guided workflow manages machine pressures, carriage, shift sequence, and more to ensure standards compliance and a successful fusion.

All required fusion operations, including machine pressures, carriage open/close, and shift sequence are controlled using the DataLogger®.

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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SPECIFICATIONS

MODELS		ENGINE		MOBILITY	
AT18P1011839	High Force	Engine Horse Power	20 HP	Mobility Type	Rubber crawler tracks
AT18P1011843	Medium Force	Engine Cooling	Liquid Cooling	Transportation	Self-propelled
AT18P1011847	Low Force	Engine Fuel Type	Diesel	Vehicle Speed	1.5 MPH
WEIGHTS		Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	Lifting	Lift points and lifting assembly
Machine	2,273 lbs. (1,031 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Starting System	Electric
Vehicle	1,765 lbs. (800.6 Kg)	Engine Starting System	Electric	MACHINE DIMENSIONS	
Carriage	810 lbs. (367.4 Kg)	POWER		Machine Length	97.1" (2,466.3mm)
Heater	34 lbs. (15.4 Kg)	220-240V Heater	4,300 Watts, 50 / 60 Hz, 1 Ph	Machine Width	57.7" (1,465.6mm)
Facer	91 lbs. (41.3 Kg)	220-240V Heater	220-240V, 50 / 60 Hz, 1 Ph	Machine Height	55.3" (1,404.6mm)
Shipping Weight	3,000 lbs. (1,360.8 Kg)	Facer	Hydraulic	CARRIAGE DIMENSIONS	
HYDRAULICS		AC Output	120V & 240V, 60Hz, 15Amp	Length	44" (1,117.6mm)
System Pressure	2,300 PSI (158.6 BAR)	CHASSIS		Width	43" (1,092.2mm)
Fusion Pressure	1,500 PSI (103.4 BAR)	Frame	Welded steel construction	Height	33" (838.2mm)
Hydraulic Reservoir Capacity	10 Gallons (37.9 Liters)	Brake	Self-locking	INCLUDES	
				Fusion machine, facer, heater, DataLogger tablet, and lifting assembly.	