

TRACSTAR® 412i

4" IPS - 12" DIPS (110MM - 340MM)

MADE FOR
UNDERGROUND
CONSTRUCTION



The TracStar® /Series technology is now available for medium diameter pipe sizes. The TracStar 412i 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 4" IPS to 12" DIPS (110mm to 340mm), the TracStar 412i 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 412i is controlled via the DataLogger®, McElroy's ruggedized tablet that records fusion parameters and other pertinent data during the fusion process. The TracStar 412i/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



SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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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
- ✓ Battery disconnect for easy lockout
- ✓ 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
- ✓ DataLogger compatible



DataLogger
COMPATIBLE

McELROY

TRACSTAR® 412i

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SPECIFICATIONS

MODELS		ENGINE		MOBILITY	
AT12P1011815	High Force	Engine Horse Power	20 HP	Mobility Type	Rubber crawler tracks
AT12P1011819	Medium Force	Engine Cooling	Liquid Cooling	Transportation	Self-propelled
AT12P1011823	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	2,089 lbs. (947.6 Kg)	Engine Starting System	Electric	Starting System	Electric
Vehicle	1,765 lbs. (800.6 Kg)	MACHINE DIMENSIONS			
Carriage	585 lbs. (265.4 Kg)	Engine Operational Fuel Tank Capacity	8 Hours	Machine Length	97.1" (2,466.3mm)
Heater	24 lbs. (10.9 Kg)	Engine Starting System	Electric	Machine Width	55.6" (1,412.2mm)
Facer	62 lbs. (28.1 Kg)	POWER		Machine Height	55.3" (1,404.6mm)
Shipping Weight	2,200 lbs. (997.9 Kg)	Heater	3,000 Watts, 50 / 60 Hz, 1 Ph	CARRIAGE DIMENSIONS	
HYDRAULICS		Facer	Hydraulic	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	29" (736.6mm)
Hydraulic Reservoir Capacity	10 Gallons (37.9 Liters)	Brake	Self-locking	INCLUDES	
				Fusion machine, facer, heater, DataLogger tablet, 12" IPS/DIPS Master Inserts and lifting assembly.	