# TRACSTAR® 412 SERIES 2

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

MADE FOR







#### ABOUT TRACSTAR

Since 1997, McElroy has offered the TracStar line of pipe fusion machines which redefined mobility and productivity on jobsites throughout the industry. Each machine is self-contained with onboard power provided by a gasoline or diesel engine which eliminates the need for a separate generator. Mounted on self-propelled, independently controlled rubber tracks, the TracStar brings the best in all-terrain mobility to jobsites. They travel easily across mud, loose soil, snow and grades of up to 30%. Their rugged track systems feature a zero-degree turning radius while evenly dispersing the weight which keeps them from sinking into soft soil. Cranes are virtually eliminated because TracStars can be driven directly to and from the jobsite from the ramps of a trailer.

All TracStar machines are DataLogger® compatible with powerful hydraulic systems to help increase efficiency and multiple cylinder force options to fuse to any standard.

#### **TRACSTAR 412 SERIES 2**

The TracStar 412 Series 2 shares a common vehicle with the 28, 250 and 618 range of TracStars and is powered by a diesel engine. It incorporates 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 and converted to a 3-jaw carriage for an even more compact fusion unit.

A Wireless Remote Control comes equipped on the TracStar 412 Series 2 which ensures a safe, efficient working environment and precise machine placement. A new cowling design makes it easy to access the machine for maintenance and also aids in heat dissipation. An updated electrical system increases the circuit protection and a standard battery disconnect is incorporated for easy lockout.

An Automated TracStar 412 Series 2 is also available 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







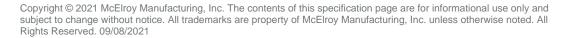


## STANDARD FEATURES

- 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
- Oual hydraulic pipe lifts aid in loading and unloading pipe
- Serrated jaws and inserts keep pipe from slipping during fusion
- Standard Hydraulic Clamping
- Hydraulic pivoting facer
- Wireless Remote Control ensures safe efficient working environment and precise machine placement
- Industry standard semi-automatic hydraulic control system
- Dual-speed tracks
- Redesigned cowlings for better airflow and ease of maintenance
- Battery disconnect for easy lockout
- 8+ hours operational fuel tank capacity
- Hvdraulic Clamping available
- ISO-compliant industrial Teflon-coated heater plates









# TRACSTAR® 412 SERIES 2

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

### **SPECIFICATIONS**

MODELS		ENGINE		MACHINE DIMENS	ions	
AT1223601	Medium Cylinder Force		20 HP	Machine Length	97" (2,463.8mm)	
AT1223602	High Cylinder Force			Machine Width	54" (1,371.6mm)	
AT1223603	Low Cylinder Force	Engine Cooling	Liquid Cooling	Machine Height	53" (1,346.2mm)	
WEIGHTS		Engine Fuel Type	Diesel	Heater Extended Height	61" (1,549.4mm)	
Machine	2,089 lbs. (947.6 Kg)	Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)	CARRIAGE DIMENSIONS		
Vehicle	1,620 lbs. (734.8 Kg)	Engine		3-Jaw - 29" (736.6mm) 4-Jaw -		
Carriage	3-Jaw - 282 lbs. (127.9 Kg) 4-Jaw - 442 lbs. (200.5 Kg)	Operational Fuel Tank Capacity	8 Hours	Length	44" (1,117.6mm)	
Heater	24 lbs. (10.9 Kg)	Engine Starting	Electric	Width         30" (762mm           Height         27" (685.8mm		
Facer	62 lbs. (28.1 Kg)	System	LIBOUIU		27" (685.8mm)	
Shipping Weight	2,200 lbs. (997.9 Kg)	POWER		SHIPPING DIMENSIONS		
		Heater	3,000 Watts, 50 / 60 Hz, 1 Ph	Length	90" (2,286 mm)	
HYDRAULICS	0.000 DOL (4.07.0 DAD)	Input Voltage	None, self-contained	Width	60" (1,524 mm)	
System Pressure	2,000 PSI (137.9 BAR)	Requirements	Trons, son somanios	Height 63" (1,600.2 mm		
Fusion Pressure	1,500 PSI (103.4 BAR)	AC Output	120V & 240V, 60Hz, 15 Amp		,	
Hydraulic Reservoir Capacity	8 Gallons (30.3 Liters)	Heater Plug type	DIN 49441	Standard machine with operator-controlled fusion processes designed to meet regulations in the US and similar markets.		
		Facer	Hydraulic			
		CHASSIS		Includes: Fusion machine, facer, heater, insulated		
		Frame	Welded steel construction	heater stand, 12" IPS butt fusion inserts and lifting assembly.		
		Brake	Self-locking			
		MOBILITY				
		Mobility Type	Rubber crawler tracks			
		Transportation	Self-propelled			
		Vehicle Speed	1.5 MPH			
		Lifting	Lift points and lifting assembly			
		Starting System	Electric			

