TRACSTAR® 28

2" IPS - 8" DIPS (63MM - 63MM)



MADE FOR

UNDERGROUND CONSTRUCTION



The TracStar® 28 shares a common vehicle with the 250, 412i and 618i range of TracStar machines 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 2” IPS to 8” DIPS (63mm to 225mm), the TracStar 28 offers a self-contained, self-propelled, track-mounted vehicle that can handle grades up to 30 percent.

A new cowling design increases airflow and increases the hydraulic fluid capacity. A standard battery disconnect is incorporated for easy lockout.

The TracStar 28 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.

The 28 can be ordered as a Combination Unit (CU) that allows fusion of branch saddles with a maximum base diameter of 9.63” onto any size main.

ADDITIONAL IMAGES











SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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

5 YEAR WARRANTY

DataLogger COMPATIBLE

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McELROY

TRACSTAR® 28

2" IPS - 8" DIPS (63MM - 225MM)

SPECIFICATIONS

MODELS

AT08P1011795	High Force
AT08P1011799	Low Force

WEIGHTS

Machine	1,919 lbs. (870.4 Kg)
Vehicle	1,765 lbs. (800.6 Kg)
Carriage	4-Jaw - 257 lbs. (116.6 Kg) 3-Jaw - 193 lbs. (87.5 Kg)
Heater	21 lbs. (9.5 Kg)
Facer	44 lbs. (20 Kg)
Shipping Weight	1,919 lbs. (870.4 Kg)

HYDRAULICS

System Pressure	2,300 PSI (158.6 BAR)
Fusion Pressure	1,500 PSI (103.4 BAR)
Hydraulic Reservoir Capacity	10 Gallons (37.9 Liters)

ENGINE

Engine Horse Power	20 HP
Engine Cooling	Liquid Cooling
Engine Fuel Type	Diesel
Engine Fuel Tank Capacity	5 Gallons (18.9 Liters)
Engine Operational Fuel Tank Capacity	8 Hours
Engine Starting System	Electric

POWER

Heater	100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph
Facer	Hydraulic
AC Output	120 & 240V, 60Hz, 15 Amp
Heater Plug type	NEMA 5-15P

CHASSIS

Frame	Welded steel construction
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

MACHINE DIMENSIONS

Machine Length	97.1" (2,466.3mm)
Machine Width	53" (1,346.2mm)
Machine Height	55.3" (1,404.6mm)

CARRIAGE DIMENSIONS

Length	4-Jaw - 44" (1,117.6mm) 3-Jaw - 30" (762mm)
Width	30" (762mm)
Height	23" (584.2mm)

SHIPPING DIMENSIONS

Length	97.1" (2,466.3 mm)
Width	53" (1,346.2 mm)
Height	55.3" (1,404.6 mm)

INCLUDES

Fusion machine, 8" IPS inserts, facer, heater, insulated heater stand and lifting assembly.

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