

TRACSTAR® 28 SERIES 2

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



The TracStar® 28 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 250, 412 and 618 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 2" IPS to 8" DIPS (63mm to 225mm), the TracStar 28 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 28 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.

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. It is also available as an Auto machine.

ADDITIONAL IMAGES



MADE FOR

UNDERGROUND
CONSTRUCTION



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

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

Copyright © 2022 McElroy Manufacturing, Inc. The contents of this specification page are for informational use only and subject to change without notice. All trademarks are property of McElroy Manufacturing, Inc. unless otherwise noted. All Rights Reserved. 10/05/2022

McELROY

TRACSTAR® 28 SERIES 2

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

SPECIFICATIONS

| MODELS | | ENGINE | | MACHINE DIMENSIONS | |
|------------------------------|---|---------------------------------------|---|--|--|
| AT812101 | High Force | Engine Horse Power | 20 HP | Machine Length | 97" (2,463.8mm) |
| AT812103 | Low Force | Engine Cooling | Liquid Cooling | Machine Width | 53" (1,346.2mm) |
| WEIGHTS | | Engine Fuel Type | Diesel | Machine Height | 53" (1,346.2mm) |
| Machine | 1,919 lbs. (870.4 Kg) | Engine Fuel Tank Capacity | 5 Gallons (18.9 Liters) | CARRIAGE DIMENSIONS | |
| Vehicle | 1,620 lbs. (734.8 Kg) | Engine Operational Fuel Tank Capacity | 8 Hours | Length | 3-Jaw - 30" (762mm) 4-Jaw - 44" (1,117.6mm) |
| Carriage | 3-Jaw - 142 lbs. (64.4 Kg) 4-Jaw - 257 lbs. (116.6 Kg) | Engine Starting System | Electric | Width | 30" (762mm) |
| Heater | 21 lbs. (9.5 Kg) | POWER | | Height | 23" (584.2mm) |
| Facer | 44 lbs. (20 Kg) | Heater | 100-120V, 1,750 Watts, 50 / 60 Hz, 1 Ph | SHIPPING DIMENSIONS | |
| Shipping Weight | 2,395 lbs. (1,086.4 Kg) | AC Output | 120 & 240V, 60Hz, 15 Amp | Length | 90" (2,286 mm) |
| HYDRAULICS | | Heater Plug type | NEMA 5-15P | Width | 60" (1,524 mm) |
| System Pressure | 2,000 PSI (137.9 BAR) | Facer | Hydraulic | Height | 63" (1,600.2 mm) |
| Fusion Pressure | 1,500 PSI (103.4 BAR) | CHASSIS | | INCLUDES | |
| Hydraulic Reservoir Capacity | 8 Gallons (30.3 Liters) | Frame | Welded steel construction | Standard machine with operator-controlled fusion processes designed to meet regulations in the US and similar markets. | |
| | | Brake | Self-locking | Includes: Fusion machine, 8" IPS inserts, facer, heater, insulated heater stand and lifting assembly. | |
| MOBILITY | | MOBILITY | | | |
| Mobility Type | Rubber crawler tracks | Mobility Type | Rubber crawler tracks | | |
| Transportation | Self-propelled | Transportation | Self-propelled | | |
| Vehicle Speed | 1.5 MPH | Vehicle Speed | 1.5 MPH | | |
| Lifting | Lift points and lifting assembly | Lifting | Lift points and lifting assembly | | |
| Starting System | Electric | Starting System | Electric | | |