

TRACSTAR® 412i

4" IPS – 12" DIPS (110 MM – 340 MM)

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 cowling 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



STANDARD FEATURES

- ✓ Autónoma, autopropulsada, todoterreno
- ✓ Sistema patentado de guía central que distribuye uniformemente la fuerza alrededor de la unión
- ✓ Accionada por un motor diésel
- ✓ Generador incorporado para alimentar el calentador
- ✓ Perillas de fijación con cojinetes de bola para disminuir la fuerza requerida para fijar y redondear la tubería
- ✓ Carro de 3 o 4 mordazas desmontable para uso en zanjas
- ✓ Los elevadores de tubos hidráulicos dobles ayudan a cargar y descargar tubos
- ✓ Insertos y mordazas con bordes dentados para evitar que el tubo se deslice durante la fusión
- ✓ Sistema de control hidráulico semiautomático estándar de la industria
- ✓ Coberturas rediseñadas para un mejor flujo de aire y facilidad de mantenimiento
- ✓ Desconexión de la batería para un fácil bloqueo
- ✓ Capacidad operativa del tanque de combustible de más de 8 horas
- ✓ Fijación hidráulica disponible
- ✓ Placas de calentador industriales recubiertas de teflón que cumplen con ISO
- ✓ Diseño avanzado de hojas para ofrecer un refrentado uniforme y una vida útil prolongada
- ✓ Frenos autoblocantes
- ✓ Compatible con DataLogger



DataLogger
COMPATIBLE

SEE SECOND PAGE FOR DETAILED SPECIFICATIONS

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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.	