

TRITAN[®] 560

12" IPS - 22" OD (315MM - 560MM)



MADE FOR

UNDERGROUND
CONSTRUCTION



STANDARD FEATURES

- ✓ Loads pipe from below for safer pipe handling
- ✓ Wireless operation, via a DataLogger[®] tablet, for efficient working environment and precise machine placement
- ✓ 360-degree vehicle swing allows machine operators to fuse in front of, or parallel, to the tracks on either side of the machine
- ✓ FusionGuide[™] Control System allows operators to choose their preferred level of software interaction while guiding them through the fusion process
- ✓ 6-motion boom arm to extend, raise, and curl carriage position
- ✓ Vehicle display for machine information and track control functions
- ✓ Utilizes inserts to step down in pipe size along with new quarter-jaw inserts to help maintain pipe centerline
- ✓ Self-contained, self-propelled, all-terrain
- ✓ Patented Centerline Guidance System for equal distribution of force around the joint
- ✓ A top speed of 2.75 MPH allows for better mobility and less time between pipe joints
- ✓ Powered by a 50 hp Stage V/Tier 4 Final Compliant Kubota engine
- ✓ Carriage is removable and can be used in top loading or bottom loading configuration for in-ditch or special operations
- ✓ On-board generator for powering heater



ABOUT THE TRITAN[®] 560

The Tritan[®] 560 brings a new level of efficiency and safety when working with 12" to 22" pipe sizes (315mm to 560mm). The self-contained turbo diesel engine and rugged dual rubber tracks allow the machine to be driven directly to the fusion site. With its 6-motion boom arm that provides 30° of curl, 65" of vertical travel, and 12" of lateral extension, plus a carriage that swings a full 360°, the Tritan is prepared to meet the pipe where it lays on the job site.

A revolutionary combination of features allows Tritan operators to load pipe into the carriage without the aid of extra pipe-handling equipment. The Tritan utilizes a unique bottom-loading carriage which eliminates the need to lift pipe overhead and into the machine. Taking operator safety a step further, the Tritan uses wireless controls that allow a single operator to manipulate the pipe, load the carriage, and fuse with added visibility and machine control.

The Tritan is one of McElroy's most technologically advanced machines to date. Both machine and fusion controls are done through the DataLogger[®] tablet. The integrated software automatically documents the entire fusion process and incorporates the FusionGuide[™] Control System. This system allows operators to choose between three different levels of machine control – from manual to fully automatic

ADDITIONAL IMAGES



DataLogger[®]
COMPATIBLE

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SPECIFICATIONS

MODELS		ENGINE		MACHINE DIMENSIONS	
AT560P0950080	High Force, Tritan 560	Engine Horse Power	49.6 HP	Machine Length	160" (4,064mm)
WEIGHTS		Engine Fuel Type	Diesel	Machine Width	75" (1,905mm)
Machine	9,775 lbs. (4,433.9 Kg)	Engine Fuel Tank Capacity	16 Gallons (60.6 Liters)	Machine Height	120" (3,048mm)
Vehicle	7,891 lbs. (3,579.3 Kg)	Engine Operational Fuel Tank Capacity	18 Hours	SHIPPING DIMENSIONS	
Carriage	1,638 lbs. (743 Kg)	Engine Starting System	Electric	Length	152" (3,860.8 mm)
Heater	91 lbs. (41.3 Kg)	POWER		Width	75" (1,905 mm)
Shipping Weight	9,800 lbs. (4,445.2 Kg)	Heater	5,791 Watts	Height	69" (1,752.6 mm)
HYDRAULICS		MOBILITY		INCLUDES	
System Pressure	3,250 PSI (224.1 BAR)	Mobility Type	Rubber crawler tracks	Includes heater, facer, Tritan vehicle, carriage, and 22" IPS quarter jaws, DataLogger [®] tablet and DataLogger Magnet Mount assembly.	
Fusion Pressure	3,000 PSI (206.8 BAR)	Transportation	Self-propelled		
Hydraulic Reservoir Capacity	18 Gallons (68.1 Liters)	Vehicle Speed	2.75 MPH		
		Starting System	Electric		