

48/54-900

AUGER BORING MACHINE



FEATURES & BENEFITS

MAXIMUM POWER & THRUST

Equipped with either a Deutz® Tier 3 or Volvo® Tier 4F Diesel engine, the 48/54-900 is loaded with up to 174 horsepower and features an improved hydraulics system with a maximum thrust of 900,000 lbs.

RESPONSIVE DESIGN

Low centerline and wide stance bring increased stability across working conditions. Quik Split frame design allows the machine to be separated for lighter and faster lifts in and out of the bore pit. Intuitive machine design allows for increased visibility of master pusher and other important machine functions.

OPERATOR'S STATION

Operator's Station is equipped with a machine display that features vivid graphics that help facilitate safe, proper machine operation. The station also features an updated gauge system that includes an improved engine tachometer, warning light, and hydraulic thrust pressure reader.

EASE OF OPERATION

Quik Tran return system provides up to 10,000 lbs. of push/pull at high speeds with no dogging or wincing during retract. The return system also engages directly to the machine track for easier operation across challenging work conditions. Ergonomic controls allow machine operator to feather the rotation and slow turn the shaft for easier auger installation. The machine is fitted with a hydraulically assisted clutch for an easier, more comfortable operator experience.

SAFETY

Designed with no hook rollers, the machine locks safely to the track and features an emergency shutdown switch, as well as an operator presence tethered switch, for safer shutdown and overall operation. Gravity-activated spoil door deflects debris from the spoil chamber for added safety during operation.



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SPECIFICATIONS

POWER TRAIN	U.S.	METRIC
Engine	Volvo® TAD571VE	
Fuel type	Diesel	
Manufacturer's gross power rating	173 hp	129 kW
Emissions compliance	Tier 4 Final	
Engine speed, max	2,200 rpm	
Engine torque @ 2,200 rpm	395 ft·lb	536 Nm
Engine torque @ 1,200 rpm	597 ft·lb	809 Nm
Fuel capacity	33 gal	125 L
Hydraulic capacity	22 gal	83 L

TRANSMISSION

Type	Eaton FS-5205A, 5-speed	
Clutch	Spring applied	
Single disk diameter	14 in	356 mm

GEAR BOX

Ratio	38.8:1	
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HYDRAULIC SYSTEM

Thrust, max	900,000 lb	408 tonnes
Hydraulic thrust cycle	9 in bore x 35 in stroke (3)	229 mm bore x 889 mm stroke (3)

MASTER PUSHER

Diameter	48 in	1,219 mm
Working range	24-54 in	610-1,372 mm
Hex drive	5 in	127 mm

MISCELLANEOUS

Extension track	2	
Master saddle	48 in - compatible	1,219 mm - compatible
Work lights	24 volt (3)	

Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.

