

# 72-1200

## AUGER BORING MACHINE



### FEATURES & BENEFITS

#### MAXIMUM POWER & THRUST

Equipped with a Volvo® Tier 3 or Tier 4f diesel engine, the 72-1200 is loaded with 248 horsepower and features an improved hydraulics system with a max thrust of 1,200,000 lbs.

#### EASE OF OPERATION

Quik Tran return system provides up to 20,000 lbs of push/pull at high speeds with no dogging or winching during retract. The return system also engages directly to the machine track for easier operation across working 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.

#### RESPONSIVE DESIGN

Low centerline and wide stance bring increased stability across working conditions. Quik Split frame 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.



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## SPECIFICATIONS

<b>POWER TRAIN</b>	<b>U.S.</b>	<b>METRIC</b>
<b>Engine</b>		
Tier 3	Volvo® TAD851VE Tier 3 Diesel	
Tier 4	Volvo® TAD871VE Tier 4f Diesel	
Fuel	Diesel	
<b>Manufacturer's gross power rating</b>		
Tier 3	248 HP	185 kW
Tier 4	248 HP	185 kW
<b>Engine speed, max</b>		
Tier 3	2,200 RPM	
Tier 4	2,200 RPM	
<b>Engine torque @ 2,200 RPM</b>		
Tier 3	592 ft-lbs	803 Nm
Tier 4	592 ft-lbs	803 Nm
<b>Engine torque 2 @ 1,500 RPM</b>		
Tier 3	625 ft-lbs	847 Nm
Tier 4	625 ft-lbs	847 Nm
<b>Fuel capacity</b>		
Tier 3	52 Gal	197 L
Tier 4	52 Gal	197 L
<b>Hydraulic capacity</b>		
Tier 3	48 Gal	181 L
Tier 4	48 Gal	181 L
<b>TRANSMISSION</b>		
Type	Eaton FS-6406A, 6 speed	
Clutch	Spring applied	
<b>HYDRAULIC SYSTEM</b>		
Thrust	1,200,000 lb	544 tonnes
Hydraulic thrust cycle (4)	9 in bore x 35 in stroke	229 mm bore x 889 mm stroke
<b>MASTER PUSHER</b>		
Diameter	72 in	1,829 mm
Working range	24-72 in	610-1,829 mm
Hex drive	5 in	127 mm
<b>MISCELLANEOUS</b>		
Extension track	2	
Master saddle (1)	72 in compatible	1,829 mm compatible
Work lights (3)	24 Volt	

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.

