

60-1200

AUGER BORING MACHINE



FEATURES & BENEFITS

MAXIMUM POWER & THRUST

Equipped with either a Deutz® Tier 3 or Volvo® Tier 4F Diesel engine, the 60-1200 features an improved hydraulics system with a maximum thrust of 1,200,000 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.



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SPECIFICATIONS

POWER TRAIN

	U.S.	METRIC
Engine, Tier 3	Deutz® TCD914L06	Deutz® TCD914L06
Engine, Tier 4 final	Volvo® TAD571VE	Volvo® TAD571VE
Fuel	Diesel	
Manufacturer's gross power rating		
Tier 3	174 HP	129.8 kW
Tier 4 Final	173 HP	129 kW
Engine Speed, max @ 2,300 rpm		
Tier 3	373 ft-lbs	505.7 Nm
Engine Speed, max @ 1,600 rpm		
Tier 3	468 ft-lbs	634.5 Nm
Engine Speed, max @ 2,200 rpm		
Tier 4 final	395 ft-lbs	536 Nm
Engine speed, max @ 1,200 rpm		
Tier 4 final	597 ft-lbs	809 Nm
Fuel capacity		
Tier 3	39 gal	148 L
Tier 4 final	48 gal	182 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

	U.S.	METRIC
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

MASTER PUSHER

Diameter	60 in	1,524 mm
Working range	24-60 in	610-1,524 mm
Hex drive	5 in	127 mm

MISCELLANEOUS

Extension rack	2	
Master saddle (1)	60 in compatible	1,524 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.

