

72-1200 PERFORMANCE SPECIFICATIONS

POWER TRAIN		
	Tier 3	Tier 4 final
Engine	Volvo TAD851VE Tier 3 Diesel	Volvo TAD871VE Tier 4f Diesel
Rating	248 HP (185 kW)	248 HP (185 kW)
Maximum Engine Speed	2200 RPM	2200 RPM
Engine Torque	592 ft-lbs. (803 Nm) @ 2100 RPM	592 ft-lbs. (803 Nm) @ 2100 RPM
	625 ft-lbs. (847 Nm) @ 1500 RPM	625 ft-lbs. (847 Nm) @ 1500 RPM
Fuel Capacity	52 U.S. Gallons (197 L)	52 U.S. Gallons (197 L)
Hydraulic Capacity	48 U.S. Gallons (181 L)	48 U.S. Gallons (181 L)

TRANSMISSION	
Type	Eaton FS-6406A
Clutch	Spring Applied with 15 in. (395 mm) Diameter Single Disk

GEARBOX	
Ratio	35.63:1

HYDRAULIC SYSTEM	
Maximum Thrust	1,200,000 lbs. (544 Tonnes)
Hydraulic Thrust Cylinder	(4) 9 in. Bore x 35 in. Stroke (229 mm x 889 mm)

MASTER PUSHER	
Diameter	72 in. (1,829 mm)
Working Range	24 in. – 72 in. (610 – 1.829 mm) Casing Diameter
Hex Drive	5 in. (125 mm)

QUIK SPLIT	QUIK TRAN
The Quik Split frame design allows the machine to be separated into sections to accommodate lighter and faster lifts into and out of the bore pit, and aids the operator in being able to facilitate better and safer machine positioning.	Quik Tran is the fast return system, made available exclusively from American Augers, as it provides up to 10,000 lbs. (4,536 kg) of push/pull at high speed, and there will be no dogging or winching during retract, as the Quik Tran system engages directly to the machine track. Quik Trans benefit will be easier machine operation in challenging work climates or conditions.

SPOIL DOOR
With a Safety-First commitment all American Augers horizontal earth boring machines are equipped with a gravity activated-manual spoil door, which deflects thrown debris from the spoil chamber.

DIMENSIONS	
Length	14 ft. 3 in. (4.34 m)
Width	8 ft. 5 in. (2.58 m)
Height	8 ft. 3 in. (2.51 m)
Master Track Length	15 ft. (4.5 m) w/1 1/2 in. (38 mm) back plate
Master Track Width	8 ft. (2.43 m)
Centerline	43.47 in. (1,105 mm)

Extension Track Length	10 ft. (3 m)
Extension Track Width	8 ft. (2.43 m)

WEIGHTS		
Base Unit (Split Weight)	12,000 lbs. (5,443 kg)	
Power Pack (Split Weight)	Tier 3: 11,000 lbs. (4,990 kg) (5,080 kg)	Tier 4f: 11,200 lbs.
Master Pusher	2,500 lbs. (998 kg)	
Master Track	7,700 lbs. (3,493 kg)	
Lifting Sling	700 lbs. (318 kg)	
Total Weight	TIER 3: 32,900 lbs. (14,923 kg) (15,014 kg)	TIER 4f: 33,100 lbs.
Extension Track	5,739 lbs. (1,814 kg) each	
Master Saddle	360 lbs. (163 kg)	

MISCELLANEOUS	
Work Lights	(3) 24 Volt
Extension Track	-2
Master Saddle	(1) 72 in. (1,829 mm) compatible

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