

# Auger Boring



**24/30-150**

**36-600**

**36/42-600E**

**42/48-600**

**48/54-900**

**60-1200**

**72-1200**

**A AMERICAN  
AUGERS®**



# Auger Boring Machines

Utilities, Water, Gas, Sewer, Communications, Drainage

*Handcrafting the Latest in  
Auger Boring Technology  
for over 40 Years!*



Available in Sizes to Perform All Your  
Underground Boring Needs

72-1200



60-1200



48/54-900



42/48-600



36-600



24/30-150



## Quik Tran

The fast return system exclusively from American Augers. Quik Tran provides up to 10,000 lbs. (4,536 kg) or 20,000 lbs. (9,072 kg) with dual drives of push/pull at high speed with no dogging or winching during retract. It engages directly to the machine track for easier operation in challenging work conditions.

\*Not available on 24/30-150 model.

- An exceedingly productive rack & pinion system. No dogging or winching occurs when rapidly pulling the machine back to the starting position on the track.
- Fast! Necessary for pulling auger, steering rods and pushing product.
- High operator visibility into master pusher.
- Tremendous stability from the low centerline and wide stance.
- Power-assisted clutch (not available on the 24/30-150 model) is easy and comfortable to operate.
- No hook rollers because the machine locks safely to the track.
- Easy auger installation with ergonomic operating controls. Allows for feathering of the rotation and slow turn of the shaft.
- Gauge system includes engine tachometer, engine warning light, hour meter and thrust pressure reading.

## How to Determine Which Machine is Right for You

Maximum Casing Size — **48/54-900** — lbs. of thrust available x 1,000  
(In this case, 900,000 lbs.)

# Performance Specifications

\*Note: All performance specifications, components, weights, dimensions and other related information are subject to change without notice from the manufacturer.

## 24/30-150 Tier 4 interim

Power Train	
<b>Engine</b>	Deutz D2011L03i Tier 4i Diesel
<b>Rating</b>	46 HP (34.3 kW)
<b>Max. Engine Speed</b>	2,800 RPM
<b>Engine Torque</b>	89 ft. lbs. (120.7 Nm) 2,800 RPM 101 ft. lbs. (136.9 Nm) 1,700 RPM
<b>Fuel Capacity</b>	10 U. S. gal. (38 L)
<b>Hydraulic Capacity</b>	14.5 U.S. gal. (55 L)

### Transmission

<b>Type</b>	T-18, 4-speed, constant mesh
<b>Clutch</b>	Spring applied with 10 in. (254 mm) diameter single disk

### Gear Box

<b>Ratio</b>	46.7:1
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### Hydraulic System

<b>Max. Thrust</b>	150,000 lbs. (68 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(3) 4 in. bore x 36 in. stroke (102 mm x 914 mm)

### Master Pusher

<b>Diameter</b>	24 in. (610 mm)
<b>Working Range</b>	8 in. - 30 in. (203 mm - 762 mm)
<b>Hex Drive</b>	3 in. (76.2 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 24 in. (610 mm) compatible

## 24/30-150 Tier 4 final

Power Train	
<b>Engine</b>	CAT C2.2 Tier 4f Diesel
<b>Rating</b>	48.8 HP (36.4 kW)
<b>Max. Engine Speed</b>	2,800 RPM
<b>Engine Torque</b>	91.5 ft. lbs. (124 Nm) 2,800 RPM 121.7 ft. lbs. (165 Nm) 1,800 RPM
<b>Fuel Capacity</b>	19 U. S. gal. (72 L)
<b>Hydraulic Capacity</b>	15 U.S. gal. (56.8 L)

### Transmission

<b>Type</b>	T-18, 4-speed, constant mesh
<b>Clutch</b>	Spring applied with 10 in. (254 mm) diameter single disk

### Gear Box

<b>Ratio</b>	46.7:1
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### Hydraulic System

<b>Max. Thrust</b>	150,000 lbs. (68 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(2) 5 in. bore x 35 in. stroke (127 mm x 889 mm)

### Master Pusher

<b>Diameter</b>	24 in. (610 mm)
<b>Working Range</b>	8 in. - 30 in. (203 mm - 762 mm)
<b>Hex Drive</b>	3 in. (76.2 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 24 in. (610 mm) compatible

## 36-600 Tier 3

Power Train	
<b>Engine</b>	Deutz D914L06 Tier 3 Diesel
<b>Rating</b>	116 HP (86.5 kW)
<b>Max. Engine Speed</b>	2,300 RPM
<b>Engine Torque</b>	228 ft. lbs. (309.1 Nm) 2,300 RPM 276 ft. lbs. (374.2 Nm) 1,600 RPM
<b>Fuel Capacity</b>	18.5 U. S. gal. (70 L)
<b>Hydraulic Capacity</b>	22.6 U.S. gal. (86 L)

### Transmission

<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator

### Gear Box

<b>Ratio</b>	54.2:1
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### Hydraulic System

<b>Max. Thrust</b>	600,000 lbs. (272 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)

### Master Pusher

<b>Diameter</b>	36 in. (914 mm)
<b>Working Range</b>	12 in. - 42 in. (305 mm - 1,067 mm)
<b>Hex Drive</b>	4 in. (102 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 36 in. (914 mm) compatible
<b>Work Lights</b>	(3) 12 Volt

## 36-600 Tier 4 final

Power Train	
<b>Engine</b>	CAT C4.4 Tier 4f Diesel
<b>Rating</b>	137 HP (102.2 kW)
<b>Max. Engine Speed</b>	2,200 RPM
<b>Engine Torque</b>	326 ft. lbs. (442 Nm) 2,200 RPM 391 ft. lbs. (530 Nm) 1,400 RPM
<b>Fuel Capacity</b>	22 U. S. gal. (83.3 L)
<b>Hydraulic Capacity</b>	24 U.S. gal. (91 L)

### Transmission

<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator

### Gear Box

<b>Ratio</b>	54.2:1
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### Hydraulic System

<b>Max. Thrust</b>	600,000 lbs. (272 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)

### Master Pusher

<b>Diameter</b>	36 in. (914 mm)
<b>Working Range</b>	12 in. - 42 in. (305 mm - 1,067 mm)
<b>Hex Drive</b>	4 in. (102 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 36 in. (914 mm) compatible
<b>Work Lights</b>	(3) 12 Volt

## 42/48-600 Tier 3

Power Train	
<b>Engine</b>	Deutz D914L06 Tier 3 Diesel
<b>Rating</b>	116 HP (86.5 kW)
<b>Max. Engine Speed</b>	2,300 RPM
<b>Engine Torque</b>	228 ft. lbs. (309.1 Nm) 2,300 RPM 276 ft. lbs. (374.2 Nm) 1,600 RPM
<b>Fuel Capacity</b>	18.5 U. S. gal. (70 L)
<b>Hydraulic Capacity</b>	22.6 U.S. gal. (86 L)

### Transmission

<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator

### Gear Box

<b>Ratio</b>	54.2:1
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### Hydraulic System

<b>Max. Thrust</b>	600,000 lbs. (272 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)

### Master Pusher

<b>Diameter</b>	42 in. (1,067 mm)
<b>Working Range</b>	12 in. - 42 in. (305 mm - 1,067 mm)
<b>Hex Drive</b>	4 in. (102 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 42 in. (1,067 mm) compatible
<b>Work Lights</b>	(3) 12 Volt

## 42/48-600 Tier 4 final

Power Train	
<b>Engine</b>	CAT C4.4 Tier 4f Diesel
<b>Rating</b>	137 HP (102.2 kW)
<b>Max. Engine Speed</b>	2,200 RPM
<b>Engine Torque</b>	326 ft. lbs. (442 Nm) 2,200 RPM 391 ft. lbs. (530 Nm) 1,400 RPM
<b>Fuel Capacity</b>	22 U. S. gal. (83.3 L)
<b>Hydraulic Capacity</b>	24 U.S. gal. (91 L)

### Transmission

<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator

### Gear Box

<b>Ratio</b>	54.2:1
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### Hydraulic System

<b>Max. Thrust</b>	600,000 lbs. (272 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)

### Master Pusher

<b>Diameter</b>	42 in. (1,067 mm)
<b>Working Range</b>	12 in. - 42 in. (305 mm - 1,067 mm)
<b>Hex Drive</b>	4 in. (102 mm)

### Misc.

<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 42 in. (1,067 mm) compatible
<b>Work Lights</b>	(3) 12 Volt

# Performance Specifications

\*Note: All performance specifications, components, weights, dimensions and other related information are subject to change without notice from the manufacturer.

48/54-900 Tier 3		48/54-900 Tier 4 final	
<b>Power Train</b>		<b>Power Train</b>	
<b>Engine</b>	Deutz TCD914LO6 Tier 3 Diesel	<b>Engine</b>	Volvo TAD571VE Tier 4f Diesel
<b>Rating</b>	174 HP (129.8 kW)	<b>Rating</b>	173 HP (129 kW)
<b>Max. Engine Speed</b>	2,300 RPM	<b>Max. Engine Speed</b>	2,200 RPM
<b>Engine Torque</b>	373 ft. lbs. (505.7 Nm) 2,300 RPM 468 ft. lbs. (634.5 Nm) 1,600 RPM	<b>Engine Torque</b>	395 ft. lbs. (536 Nm) 2,200 RPM 597 ft. lbs. (809 Nm) 1,200 RPM
<b>Fuel Capacity</b>	39 U. S. gal. (148 L)	<b>Fuel Capacity</b>	33 U. S. gal. (125 L)
<b>Hydraulic Capacity</b>	22 U.S. gal. (83 L)	<b>Hydraulic Capacity</b>	22 U.S. gal. (83 L)
<b>Transmission</b>		<b>Transmission</b>	
<b>Type</b>	Eaton FS-5205A, 5-speed	<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk hydraulically-assisted clutch actuator	<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk pneumatically-assisted clutch actuator
<b>Gear Box</b>		<b>Gear Box</b>	
<b>Ratio</b>	38.8:1	<b>Ratio</b>	38.8:1
<b>Hydraulic System</b>		<b>Hydraulic System</b>	
<b>Max. Thrust</b>	900,000 lbs. (408 tonnes)	<b>Max. Thrust</b>	900,000 lbs. (408 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(3) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	<b>Hydraulic Thrust Cyl.</b>	(3) 9 in. bore x 35 in. stroke (229 mm x 889 mm)
<b>Master Pusher</b>		<b>Master Pusher</b>	
<b>Diameter</b>	48 in. (1,219 mm)	<b>Diameter</b>	48 in. (1,219 mm)
<b>Working Range</b>	24 in. - 54 in. (610 mm - 1,372 mm)	<b>Working Range</b>	24 in. - 54 in. (610 mm - 1,372 mm)
<b>Hex Drive</b>	5 in. (127 mm)	<b>Hex Drive</b>	5 in. (127 mm)
<b>Misc.</b>		<b>Misc.</b>	
<b>Extension Track</b>	(2)	<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 48 in. (1,219 mm) compatible	<b>Master Saddle</b>	(1) 48 in. (1,219 mm) compatible
<b>Work Lights</b>	(3) 24 Volt	<b>Work Lights</b>	(3) 24 Volt

60-1200 Tier 3		60-1200 Tier 4 final	
<b>Power Train</b>		<b>Power Train</b>	
<b>Engine</b>	Deutz TCD914LO6 Tier 3 Diesel	<b>Engine</b>	Volvo TAD571VE Tier 4f Diesel
<b>Rating</b>	174 HP (129.8 kW)	<b>Rating</b>	173 HP (129 kW)
<b>Max. Engine Speed</b>	2,300 RPM	<b>Max. Engine Speed</b>	2,200 RPM
<b>Engine Torque</b>	373 ft. lbs. (505.7 Nm) 2,300 RPM 468 ft. lbs. (634.5 Nm) 1,600 RPM	<b>Engine Torque</b>	395 ft. lbs. (536 Nm) 2,200 RPM 597 ft. lbs. (809 Nm) 1,200 RPM
<b>Fuel Capacity</b>	39 U. S. gal. (148 L)	<b>Fuel Capacity</b>	48 U. S. gal. (182 L)
<b>Hydraulic Capacity</b>	22 U.S. gal. (83 L)	<b>Hydraulic Capacity</b>	22 U.S. gal. (83 L)
<b>Transmission</b>		<b>Transmission</b>	
<b>Type</b>	Eaton FS-5205A, 5-speed	<b>Type</b>	Eaton FS-5205A, 5-speed
<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk hydraulically-assisted clutch actuator	<b>Clutch</b>	Spring applied with 14 in. (356 mm) diameter single disk pneumatically-assisted clutch actuator
<b>Gear Box</b>		<b>Gear Box</b>	
<b>Ratio</b>	38.8:1	<b>Ratio</b>	38.8:1
<b>Hydraulic System</b>		<b>Hydraulic System</b>	
<b>Max. Thrust</b>	1,200,000 lbs. (544 tonnes)	<b>Max. Thrust</b>	1,200,000 lbs. (544 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	<b>Hydraulic Thrust Cyl.</b>	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)
<b>Master Pusher</b>		<b>Master Pusher</b>	
<b>Diameter</b>	60 in. (1,524 mm)	<b>Diameter</b>	60 in. (1,524 mm)
<b>Working Range</b>	24 in. - 60 in. (610 mm - 1,524 mm)	<b>Working Range</b>	24 in. - 60 in. (610 mm - 1,524 mm)
<b>Hex Drive</b>	5 in. (127 mm)	<b>Hex Drive</b>	5 in. (127 mm)
<b>Misc.</b>		<b>Misc.</b>	
<b>Extension Track</b>	(2)	<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 60 in. (1,524 mm) compatible	<b>Master Saddle</b>	(1) 60 in. (1,524 mm) compatible
<b>Work Lights</b>	(3) 24 Volt	<b>Work Lights</b>	(3) 24 Volt

72-1200 Tier 3		72-1200 Tier 4 final	
<b>Power Train</b>		<b>Power Train</b>	
<b>Engine</b>	Volvo TAD851VE Tier 3 Diesel	<b>Engine</b>	Volvo TAD871VE Tier 4f Diesel
<b>Rating</b>	248 HP (185 kW)	<b>Rating</b>	248 HP (185 kW)
<b>Max. Engine Speed</b>	2,200 RPM	<b>Max. Engine Speed</b>	2,200 RPM
<b>Engine Torque</b>	592 ft. lbs. (803 Nm) 2,200 RPM 625 ft. lbs. (847 Nm) 1,500 RPM	<b>Engine Torque</b>	592 ft. lbs. (803 Nm) 2,200 RPM 625 ft. lbs. (847 Nm) 1,500 RPM
<b>Fuel Capacity</b>	52 U. S. gal. (197 L)	<b>Fuel Capacity</b>	52 U. S. gal. (197 L)
<b>Hydraulic Capacity</b>	48 U.S. gal. (181 L)	<b>Hydraulic Capacity</b>	48 U.S. gal. (181 L)
<b>Transmission</b>		<b>Transmission</b>	
<b>Type</b>	Eaton FS-6406A	<b>Type</b>	Eaton FS-6406A
<b>Clutch</b>	Spring applied with 15.6 in. (395 mm) diameter single disk pneumatically-assisted clutch actuator	<b>Clutch</b>	Spring applied with 15.6 in. (395 mm) diameter single disk pneumatically-assisted clutch actuator
<b>Gear Box</b>		<b>Gear Box</b>	
<b>Ratio</b>	35.63:1	<b>Ratio</b>	35.63:1
<b>Hydraulic System</b>		<b>Hydraulic System</b>	
<b>Max. Thrust</b>	1,200,000 lbs. (544 tonnes)	<b>Max. Thrust</b>	1,200,000 lbs. (544 tonnes)
<b>Hydraulic Thrust Cyl.</b>	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	<b>Hydraulic Thrust Cyl.</b>	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)
<b>Master Pusher</b>		<b>Master Pusher</b>	
<b>Diameter</b>	72 in. (1,829 mm)	<b>Diameter</b>	72 in. (1,829 mm)
<b>Working Range</b>	24 in. - 72 in. (610 mm - 1,829 mm)	<b>Working Range</b>	24 in. - 72 in. (610 mm - 1,829 mm)
<b>Hex Drive</b>	5 in. (127 mm)	<b>Hex Drive</b>	5 in. (127 mm)
<b>Misc.</b>		<b>Misc.</b>	
<b>Extension Track</b>	(2)	<b>Extension Track</b>	(2)
<b>Master Saddle</b>	(1) 72 in. (1,829 mm) compatible	<b>Master Saddle</b>	(1) 72 in. (1,829 mm) compatible
<b>Work Lights</b>	(3) 24 Volt	<b>Work Lights</b>	(3) 24 Volt



# Weights & Dimensions

\*Note: All performance specifications, components, weights, dimensions and other related information are subject to change without notice from the manufacturer.

## 24/30-150

### Dimensions

<b>Length</b>	11 ft. 4 in. (3.43 m)
<b>Width</b>	3 ft. (0.91 m))
<b>Height</b>	Tier 4i: 4 ft. 7 in. (1.4 m) Tier 4f: 5 ft. (1.53 m)
<b>Master Track Length</b>	11 ft. (3.4 m) with 1 in. (25 mm) backplate
<b>Master Track Width</b>	4 ft. 6 in. (1.37 m)
<b>Centerline</b>	18.12 in. (460 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	4 ft. 6 in. (1.37 m)

### Weight

<b>Base Unit</b>	Base Unit/Power Pack Tier 4i: 4,050 lbs. (1,837 kg) Tier 4f: 4,142 lbs. (1,879 kg)
<b>Master Pusher</b>	450 lbs. (204 kg)
<b>Master Track</b>	1,300 lbs. (590 kg)
<b>Lifting Sling</b>	140 lbs. (63.5 kg)

### Total Weight

<b>Extension Track</b>	1,060 lbs. (481 kg)
<b>Master Saddle</b>	60 lbs. (27 kg)
<b>Total Weight</b>	Tier 4i: 5,940 lbs. (2,694 kg) Tier 4f: 6,032 lbs. (2,736 kg)

## 36-600

### Dimensions

<b>Length</b>	12 ft. 6 in. (3.81 m)
<b>Width</b>	5 ft. 7 in. (1.69 m)
<b>Height</b>	Tier 3: 5 ft. 9 in. (1.75 m) Tier 4f: 6 ft. 8 in. (2.03 m)
<b>Master Track Length</b>	13 ft. (3.96 m) with 1 in. (25 mm) backplate
<b>Master Track Width</b>	6 ft. 3 in. (1.92 m)
<b>Centerline</b>	29.27 in. (744 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	5 ft. 3 in. (1.6 m)

### Weight

<b>Base Unit (Split Weight)</b>	5,100 lbs. (2,313 kg)
<b>Power Pack (Split Weight)</b>	Tier 3: 6,800 lbs. (3,084 kg) Tier 4f: 7,240 lbs. (3,284 kg)
<b>Master Pusher</b>	1,100 lbs. (499 kg)
<b>Master Track</b>	3,500 lbs. (1,587 kg)
<b>Lifting Sling</b>	300 lbs. (136 kg)

### Total Weight

<b>Extension Track</b>	2,800 lbs. (1,270 kg)
<b>Master Saddle</b>	250 lbs. (114 kg)
<b>Total Weight</b>	Tier 3: 16,800 lbs. (7,620 kg) Tier 4f: 17,240 lbs. (7,820 kg)

## 42/48-600

### Dimensions

<b>Length</b>	12 ft. 6 in. (3.81 m)
<b>Width</b>	5 ft. 7 in. (1.69 m)
<b>Height</b>	Tier 3: 5 ft. 9 in. (1.75 m) Tier 4f: 6 ft. 8 in. (2.03 m)
<b>Master Track Length</b>	13 ft. (3.96 m) with 1 in. (25 mm) backplate
<b>Master Track Width</b>	6 ft. 3 in. (1.92 m)
<b>Centerline</b>	29.27 in. (744 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	5 ft. 3 in. (1.6 m)

### Weight

<b>Base Unit (Split Weight)</b>	5,100 lbs. (2,313 kg)
<b>Power Pack (Split Weight)</b>	Tier 3: 6,800 lbs. (3,084 kg) Tier 4f: 7,240 lbs. (3,284 kg)
<b>Master Pusher</b>	1,130 lbs. (513 kg)
<b>Master Track</b>	3,500 lbs. (1,587 kg)
<b>Lifting Sling</b>	300 lbs. (136 kg)

### Total Weight

<b>Extension Track</b>	2,800 lbs. (1,270 kg)
<b>Master Saddle</b>	250 lbs. (114 kg)
<b>Total Weight</b>	Tier 3: 16,830 lbs. (7,634 kg) Tier 4f: 17,270 lbs. (7,834 kg)

## 48/54-900

### Dimensions

<b>Length</b>	14 ft. 6 in. (4.42 m)
<b>Width</b>	5 ft. 10 in. (1.78 m)
<b>Height</b>	Tier 3: 6 ft. 2 in. (1.89 m) Tier 4f: 7 ft. 6 in. (2.29 m)
<b>Master Track Length</b>	15 ft. (4.57 m) with 1 in. (25 mm) backplate
<b>Master Track Width</b>	5 ft. 6 in. (1.67 m)
<b>Centerline</b>	32.89 in. (835.4 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	5 ft. 6 in. (1.67 m)

### Weight

<b>Base Unit (Split Weight)</b>	6,150 lbs. (2,790 kg)
<b>Power Pack (Split Weight)</b>	Tier 3: 7,200 lbs. (3,266 kg) Tier 4f: 9,400 lbs. (4,264 kg)
<b>Master Pusher</b>	1,600 lbs. (726 kg)
<b>Master Track</b>	3,900 lbs. (1,769 kg)
<b>Lifting Sling</b>	350 lbs. (159 kg)

### Total Weight

<b>Extension Track</b>	3,500 lbs. (1,588 kg)
<b>Master Saddle</b>	250 lbs. (114 kg)
<b>Total Weight</b>	Tier 3: 19,200 lbs. (8,709 kg) Tier 4f: 21,400 lbs. (9,707 kg)

## 60-1200

### Dimensions

<b>Length</b>	Tier 3: 14 ft. 7 in. (4.43 m) Tier 4f: 14 ft. 10 in. (4.52 m)
<b>Width</b>	Tier 3: 7 ft. 1 in. (2.16 m) Tier 4f: 7 ft. 3 in. (2.21 m)
<b>Height</b>	Tier 3: 7 ft. 5 in. (2.27 m) Tier 4f: 7 ft. 6 in. (2.29 m)
<b>Master Track Length</b>	15 ft. (4.57 m) with 1.5 in. (38 mm) backplate
<b>Master Track Width</b>	7 ft. 4 in. (2.23 m)
<b>Centerline</b>	36.02 in. (915 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	7 ft. 4 in. (2.23 m)

### Weight

<b>Base Unit (Split Weight)</b>	8,900 lbs. (4,037 kg)
<b>Power Pack (Split Weight)</b>	Tier 3: 8,600 lbs. (3,901 kg) Tier 4f: 11,500 lbs. (5,216 kg)
<b>Master Pusher</b>	2,390 lbs. (1,084 kg)
<b>Master Track</b>	7,100 lbs. (3,221 kg)
<b>Lifting Sling</b>	550 lbs. (249 kg)

### Total Weight

<b>Extension Track</b>	5,600 lbs. (2,540 kg)
<b>Master Saddle</b>	270 lbs. (123 kg)
<b>Total Weight</b>	Tier 3: 27,540 lbs. (12,492 kg) Tier 4f: 30,440 lbs. (13,807 kg)

## 72-1200

### Dimensions

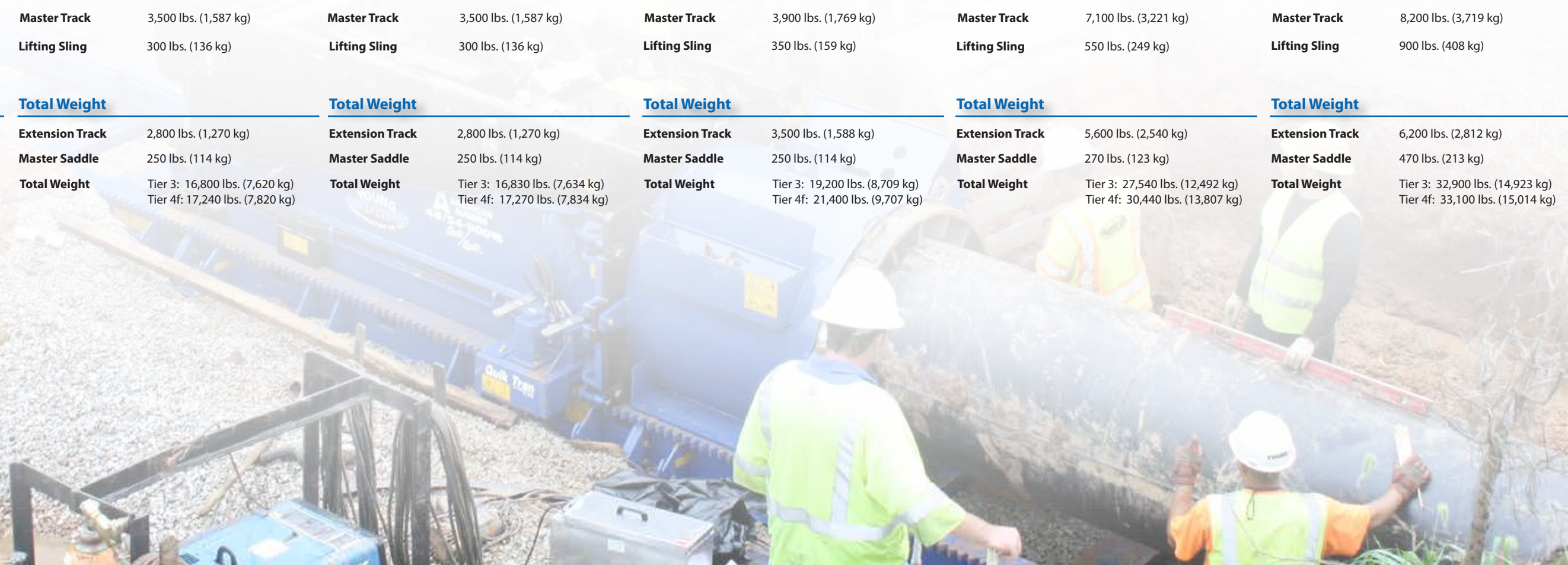
<b>Length</b>	14 ft. 7 in. (4.45 m)
<b>Width</b>	8 ft. 1 in. (2.46 m)
<b>Height</b>	8 ft. 4 in. (2.54 m)
<b>Master Track Length</b>	15 ft. (4.57 m) with 1 in. (38 mm) backplate
<b>Master Track Width</b>	8 ft. (2.43 m)
<b>Centerline</b>	43.47 in. (1,104 mm)
<b>Extension Track Length</b>	10 ft. (3 m)
<b>Extension Track Width</b>	8 ft. (2.43 m)

### Weight

<b>Base Unit (Split Weight)</b>	10,300 lbs. (4,672 kg)
<b>Power Pack (Split Weight)</b>	Tier 3: 11,000 lbs. (4,990 kg) Tier 4f: 11,200 lbs. (5,080 kg)
<b>Master Pusher</b>	2,500 lbs. (1,134 kg)
<b>Master Track</b>	8,200 lbs. (3,719 kg)
<b>Lifting Sling</b>	900 lbs. (408 kg)

### Total Weight

<b>Extension Track</b>	6,200 lbs. (2,812 kg)
<b>Master Saddle</b>	470 lbs. (213 kg)
<b>Total Weight</b>	Tier 3: 32,900 lbs. (14,923 kg) Tier 4f: 33,100 lbs. (15,014 kg)







# Electric Auger Boring Machine

The solution to deep pit and urban boring.



## 36/42-600E

### Weights & Dimensions

Length: 13'  
 Height: 7'3.5"  
 Width: 6'3"  
 Transport Weight: 19,590 lb.  
 Critical Lifting Weight: 9,377 lb.

### Engine

Make/Model: WEG electric 460V  
 Horsepower: 150 (112 kW)  
 Torque: 437 ft\*Lb @ 1,780 RPM

### Operation

Max Thrust: 600,000 lbs. (300 Tonnes)  
 Speed and Torque:  
     At 15 RPM torque will be 42,500 ft\*Lb  
     At 30 RPM torque will be 29,500 ft\*Lb  
 Working Range: 12 in. - 42 in.  
 Hex Drive: 4 in.

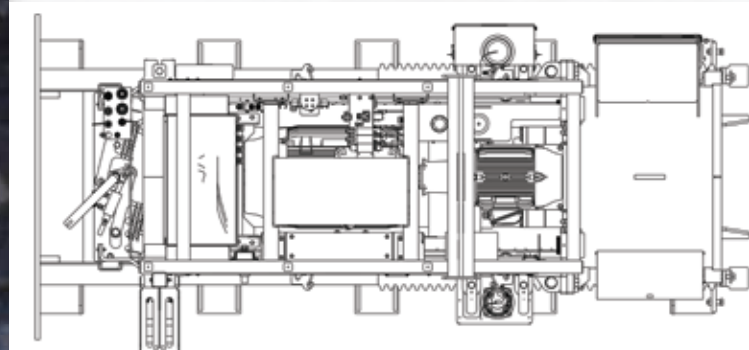
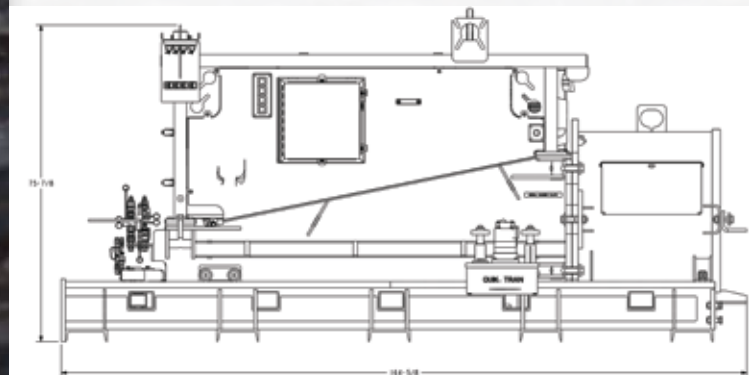
### Fluid Capacities

Hydraulic: 35 U.S Gallons

### Gearbox

Ratio: 96:1

- 600,000 lbs. (300 Tonnes) Thrust
- Electric Motor eliminates fumes in the pit
- Take the rig out of the pit anywhere on the track
- Remote controlled operations, gets the operator off the rig and even out of the pit
- Torque limiter to help prevent damage of critical components
- Quik-Tran - The fast return system.







*American Augers is not responsible for customers' product modifications shown in any photographic images*

**AMERICAN AUGERS®**

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