## Auger Boring



# Auger Boring Machines

Utilities, Water, Gas, Sewer, Communications, Drainage

www.AmericanAugers.com

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

Available in Sizes to Perform All Your Underground Boring Needs



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.

#### **How to Determine Which Machine is Right for You**

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

- 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.

### Performance Specifications

24/36- Tier 4	-150 interim	24/36- Tier 4		36-600 Tier 3	0	36-600 Tier 4	0 interim	42/48- Tier 3	-600	42/48- Tier 4	-600 interim
Power Train		Power Train		Power Train		Power Train		Power Train		Power Train	
Engine	Deutz D3L2011F Tier 4i Diesel	Engine	CAT C2.2 Tier 4f Diesel	Engine	Deutz D914L06 Tier 3 Diesel	Engine	CAT C4.4 Tier 4i Diesel	Engine	Deutz D914L06 Tier 3 Diesel	Engine	CAT C4.4 Tier 4i Diesel
Rating	46 HP (34.3 kW)	Rating	48.8 HP (36.4 kW)	Rating	116 HP (86.5 kW)	Rating	124 HP (92.5 kW)	Rating	116 HP (86.5 kW)	Rating	124 HP (92.5 kW)
Max. Engine Speed	2,800 RPM	Max. Engine Speed	2,800 RPM	Max. Engine Speed	2,300 RPM	Max. Engine Speed	2,200 RPM	Max. Engine Speed	2,300 RPM	Max. Engine Speed	2,200 RPM
Engine Torque	89 ft. lbs. (120.7 Nm) 2,800 RPM 101 ft. lbs. (136.9 Nm) 1,700 RPM	Engine Torque	93 ft. lbs. (126 Nm) 2,800 RPM 106 ft. lbs. (143.7 Nm) 1,800 RPM	Engine Torque	228 ft. lbs. (309.1 Nm) 2,300 RPM 276 ft. lbs. (374.2 Nm) 1,600 RPM	Engine Torque	295.6 ft. lbs. (402 Nm) 2,200 RPM 391 ft. lbs. (530 Nm) 1,400 RPM	Engine Torque	228 ft. lbs. (309.1 Nm) 2,300 RPM 276 ft. lbs. (374.2 Nm) 1,600 RPM	Engine Torque	295.6 ft. lbs. (402 Nm) 2,200 RPM 391 ft. lbs. (530 Nm) 1,400 RPM
Fuel Capacity	10 U. S. gal. (38 L)	Fuel Capacity	19 U. S. gal. (72 L)	Fuel Capacity	18.5 U. S. gal. (70 L)	Fuel Capacity	22 U. S. gal. (83.3 L)	Fuel Capacity	18.5 U. S. gal. (70 L)	Fuel Capacity	22 U. S. gal. (83.3 L)
Hydraulic Capacity	14.5 U.S. gal. (55 L)	Hydraulic Capacity	15 U.S. gal. (56.8 L)	Hydraulic Capacity	22.6 U.S. gal. (86 L)	Hydraulic Capacity	24 U.S. gal. (91 L)	Hydraulic Capacity	22.6 U.S. gal. (86 L)	Hydraulic Capacity	24 U.S. gal. (91 L)
Transmission		Transmission		Transmission		Transmission		Transmission		Transmission	
Туре	T-18, 4-speed, constant mesh	Туре	T-18, 4-speed, constant mesh	Туре	Eaton FS-5205A, 5-speed	Туре	Transfluid Rangermatic	Туре	Eaton FS-5205A, 5-speed	Туре	Transfluid Rangermatic
Clutch	Spring applied with 10 in. (254 mm) diameter single disk	Clutch	Spring applied with 10 in. (254 mm) diameter single disk	Clutch	Dual plate, spring applied with 14. in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator	Clutch	Model 31-700  Hydrokinetic torque converter	Clutch	Dual plate, spring applied with 14. in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator	Clutch	Model 31-700  Hydrokinetic torque converter
Gear Box		Gear Box		Gear Box		<b>Gear Box</b>		Gear Box		Gear Box	
Ratio	46.7:1	Ratio	46.7:1	Ratio	54.2:1	Ratio	86.3:1	Ratio	54.2:1	Ratio	86.3:1
Hydraulic System	1	Hydraulic System		Hydraulic System		Hydraulic System		Hydraulic System		Hydraulic System	
Max. Thrust	150,000 lbs. (68 tonnes)	Max. Thrust	150,000 lbs. (68 tonnes)	Max. Thrust	600,000 lbs. (272 tonnes)	Max. Thrust	600,000 lbs. (272 tonnes)	Max. Thrust	600,000 lbs. (272 tonnes)	Max. Thrust	600,000 lbs. (272 tonnes)
Hydraulic Thrust Cyl.	(3) 4 in. bore x 36 in. stroke (102 mm x 914 mm)	Hydraulic Thrust Cyl.	(2) 5 in. bore x 36 in. stroke (127 mm x 914 mm)	Hydraulic Thrust Cyl.	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(2) 9 in. bore x 35 in. stroke (229 mm x 889 mm)
Master Pusher		Master Pusher		Master Pusher		Master Pusher		Master Pusher		Master Pusher	
Diameter	24 in. (610 mm)	Diameter	24 in. (610 mm)	Diameter	36 in. (914 mm)	Diameter	36 in. (914 mm)	Diameter	42 in. (1,067 mm)	Diameter	42 in. (1,067 mm)
Working Range	8 in 30 in. (203 mm - 762 mm)	Working Range	8 in 30 in. (203 mm - 762 mm)	Working Range	12 in 42 in. (305 mm - 1,067 mm)	Working Range	12 in 42 in. (305 mm - 1,067 mm)	Working Range	12 in 42 in. (305 mm - 1,067 mm)	Working Range	12 in 42 in. (305 mm - 1,067 mm)
Hex Drive	3 in. (76.2 mm)	Hex Drive	3 in. (76.2 mm)	Hex Drive	4 in. (102 mm)	Hex Drive	4 in. (102 mm)	Hex Drive	4 in. (102 mm)	Hex Drive	4 in. (102 mm)
Misc.		Misc.		Misc.		Misc.		Misc.		Misc.	
Extension Track	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)
Master Saddle	(1) 24 in. (610 mm) compatible	Master Saddle	(1) 24 in. (610 mm) compatible	Master Saddle	(1) 36 in. (914 mm) compatible	Master Saddle	(1) 36 in. (914 mm) compatible	Master Saddle	(1) 42 in. (1,067 mm) compatible	Master Saddle	(1) 42 in. (1,067 mm) compatible

### Performance Specifications

48/54- Tier 3	-900	48/54- Tier 4		60-120 Tier 3	00	60-120 Tier 4		72-120 Tier 3	00	72-120 Tier 4	
Power Train		Power Train		Power Train		Power Train		Power Train		Power Train	
Engine	Deutz TCD914LO6 Tier 3 Diesel	Engine	Volvo TAD571VE Tier 4f Diesel	Engine	Deutz TCD914LO6 Tier 3 Diesel	Engine	Volvo TAD571VE Tier 4f Diesel	Engine	Volvo TAD851VE Tier 3 Diesel	Engine	Volvo TAD871VE Tier 4f Diesel
Rating	174 HP (130 kW)	Rating	173 HP (129 kW)	Rating	174 HP (130 kW)	Rating	173 HP (129 kW)	Rating	248 HP (185 kW)	Rating	248 HP (185 kW)
Max. Engine Speed	2,300 RPM	Max. Engine Speed	2,200 RPM	Max. Engine Speed	2,300 RPM	Max. Engine Speed	2,200 RPM	Max. Engine Speed	2,200 RPM	Max. Engine Speed	2,200 RPM
Engine Torque	373 ft. lbs. (505.7 Nm) 2,300 RPM 468 ft. lbs. (634.5 Nm) 1,600 RPM	Engine Torque	395 ft. lbs. (536 Nm) 2,200 RPM 597 ft. lbs. (809 Nm) 1,200 RPM	Engine Torque	373 ft. lbs. (505.7 Nm) 2,300 RPM 468 ft. lbs. (634.5 Nm) 1,600 RPM	Engine Torque	395 ft. lbs. (536 Nm) 2,200 RPM 597 ft. lbs. (809 Nm) 1,200 RPM	Engine Torque	592 ft. lbs. (803 Nm) 2,200 RPM 625 ft. lbs. (847 Nm) 1,500 RPM	Engine Torque	592 ft. lbs. (803 Nm) 2,200 RPM 625 ft. lbs. (847 Nm) 1,500 RPM
Fuel Capacity	39 U. S. gal. (148 L)	Fuel Capacity	33 U. S. gal. (125 L)	Fuel Capacity	39 U. S. gal. (148 L)	Fuel Capacity	48 U. S. gal. (182 L)	Fuel Capacity	52 U. S. gal. (197 L)	Fuel Capacity	52 U. S. gal. (197 L)
Hydraulic Capacity	22 U.S. gal. (83 L)	Hydraulic Capacity	22 U.S. gal. (83 L)	Hydraulic Capacity	22 U.S. gal. (83 L)	Hydraulic Capacity	22 U.S. gal. (83 L)	Hydraulic Capacity	48 U.S. gal. (181 L)	Hydraulic Capacity	48 U.S. gal. (181 L)
Transmission		Transmission		Transmission		Transmission		Transmission		Transmission	
Туре	Eaton FS-5205A, 5-speed	Туре	Eaton FS-5205A, 5-speed	Туре	Eaton FS-5205A, 5-speed	Туре	Eaton FS-5205A, 5-speed	Туре	Eaton FS-6406A	Туре	Eaton FS-6406A
Clutch	Dual plate, spring applied with 14. in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator	Clutch	Spring applied with 14 in. (356 mm) diameter single disk pneumatically-assisted clutch actuator	Clutch	Dual plate, spring applied with 14. in. (356 mm) diameter single disk / hydraulically-assisted clutch actuator	Clutch	Spring applied with 14 in. (356 mm) diameter single disk pneumatically-assisted clutch actuator	Clutch	Spring applied with 15. in. (395 mm) diameter single disk	Clutch	Spring applied with 15. in. (395 mm) diameter single disk
<b>Gear Box</b>		<b>Gear Box</b>		Gear Box		<b>Gear Box</b>		Gear Box	_	<b>Gear Box</b>	
Ratio	38.8:1	Ratio	38.8:1	Ratio	38.8:1	Ratio	38.8:1	Ratio	35.63:1	Ratio	35.63:1
Hydraulic Systen	n	Hydraulic System	1	Hydraulic Systen	1	Hydraulic System	1	Hydraulic System	1	Hydraulic System	1
Max. Thrust	900,000 lbs. (408 tonnes)	Max. Thrust	900,000 lbs. (408 tonnes)	Max. Thrust	1,200,000 lbs. (544 tonnes)	Max. Thrust	1,200,000 lbs. (544 tonnes)	Max. Thrust	1,200,000 lbs. (544 tonnes)	Max. Thrust	1,200,000 lbs. (544 tonnes)
Hydraulic Thrust Cyl.	(3) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(3) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)	Hydraulic Thrust Cyl.	(4) 9 in. bore x 35 in. stroke (229 mm x 889 mm)
Master Pusher		Master Pusher	i.	Master Pusher	i.	Master Pusher		Master Pusher		Master Pusher	A
Diameter	48 in. (1,219 mm)	Diameter	48 in. (1,219 mm)	Diameter	60 in. (1,524 mm)	Diameter	60 in. (1,524 mm)	Diameter	72 in. (1,829 mm)	Diameter	72 in. (1,829 mm)
Working Range	24 in 54 in. (610 mm - 1,372 mm)	Working Range	24 in 54 in. (610 mm - 1,372 mm)	Working Range	24 in 60 in. (610 mm - 1,524 mm)	Working Range	24 in 60 in. (610 mm - 1,524 mm)	Working Range	24 in 72 in. (610 mm - 1,829 mm	) Working Range	24 in 72 in. (610 mm - 1,829 mm)
Hex Drive	5 in. (127 mm)	Hex Drive	5 in. (127 mm)	Hex Drive	5 in. (127 mm)	Hex Drive	5 in. (127 mm)	Hex Drive	5 in. (127 mm)	Hex Drive	5 in. (127 mm)
Misc.		Misc.		Misc.		Misc.		Misc.		Misc.	
	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)	Extension Track	(2)
Extension Track	(2)	Extension frack									
Extension Track  Master Saddle	(1) 48 in. (1,219 mm) compatible	Master Saddle	(1) 48 in. (1,219 mm) compatible	Master Saddle	(1) 60 in. (1,524 mm) compatible	Master Saddle	(1) 60 in. (1,524 mm) compatible	Master Saddle	(1) 72 in. (1,829 mm) compatible	Master Saddle	(1) 72 in. (1,829 mm) compatible

### Weights & Dimensions

11 ft. 4 in. (3.43 m)	Dimensions									
11 ft. 4 in. (3.43 m)			Dimensions		Dimensions		Dimensions		Dimensions	
	Length	12 ft. 6 in. (3.81 m)	Length	12 ft. 6 in. (3.81 m)	Length	14 ft. 6 in. (4.42 m)	Length	Tier 3: 14 ft. 7 in. (4.43 m) Tier 4i: 14 ft. 10 in. (4.52 m)	Length	14 ft. 7 in. (4.45 m)
3 ft. (0.91 m)	Width	5 ft. 7 in. (1.69 m)	Width	5 ft. 7 in. (1.69 m)	Width	5 ft. 10 in. (1.78 m)	Width	Tier 3: 7 ft. 1 in. (2.16 m) Tier 4i: 7 ft. 3 in. (2.21 m)	Width	8 ft. 1 in. (2.46 m)
Tier 4i: 4 ft. 7 in. (1.4 m)	Height	Tier 3: 5 ft. 9 in. (1.75 m)	Height	Tier 3: 5 ft. 9 in. (1.75 m)	Height	Tier 3: 6 ft. 2 in. (1.89 m)	Height	Tier 3: 7 ft. 5 in. (2.27 m)	Height	8 ft. 4 in. (2.54 m)
11 ft. (3.4 m) with 1 in. (25 mm) backplate	Master Track Length	13 ft. (3.96 m) with 1 in. (25 mm) backplate	Master Track Length	13 ft. (3.96 m) with 1 in. (25 mm) backplate	Master Track Length	15 ft (4.57 m) with 1 in (25 mm)	Master Track Length	15 ft. (4.57 m) with 1.5 in. (38 mm) backplate	Master Track Length	15 ft. (4.57 m) with 1 in. (38 mr backplate
4 ft. 6 in. (1.37 m)	Master Track Width	6 ft. 3 in. (1.92 m)	Master Track Width	6 ft. 3 in. (1.92 m)	Master Track Width	5 ft. 6 in. (1.67 m)	Master Track Width	7 ft. 4 in. (2.23 m)	Master Track Width	8 ft. (2.43 m)
18.12 in. (460 mm)	Centerline	29.27 in. (744 mm)	Centerline	29.27 in. (744 mm)	Centerline	32.89 in. (835.4 mm)	Centerline	36.02 in. (915 mm)	Centerline	43.47 in. (1,104 mm)
10 ft. (3 m)	Extension Track Length	10 ft. (3 m)	Extension Track Length	10 ft. (3 m)	Extension Track Length	10 ft. (3 m)	Extension Track Length	10 ft. (3 m)	Extension Track Length	10 ft. (3 m)
4 ft. 6 in. (1.37 m)	Extension Track Width	5 ft. 3 in. (1.6 m)	Extension Track Width	5 ft. 3 in. (1.6, m)	Extension Track Width	5 ft. 6 in. (1.67 m)	Extension Track Width	7 ft. 4 in. (2.23 m)	Extension Track Width	8 ft. (2.43 m)
	Weight		Weight		Weight		Weight		Weight	
Base Unit/Power Pack Tier 4i: 4,050 lbs. (1,837 kg)	Base Unit (Split Weight)	5,100 lbs. (2,313 kg)	Base Unit (Split Weight)	5,100 lbs. (2,313 kg)	Base Unit (Split Weight)	6,150 lbs. (2,790 kg)	Base Unit (Split Weight)	8,900 lbs. (4,037 kg)	Base Unit (Split Weight)	10,300 lbs. (4,672 kg)
Tier 4f: 4,142 lbs. (1,879 kg)	Power Pack (Split Weight)	Tier 3: 6,800 lbs. (3.084 kg) Tier 4i: 7,240 lbs. (3,284 kg)	Power Pack (Split Weight)	Tier 3: 6,800 lbs. (3,084 kg) Tier 4i: 7,240 lbs. (3,284 kg)	Power Pack (Split Weight)	Tier 3: 7,200 lbs. (3,266 kg) Tier 4i: 9,400 lbs. (4,264 kg)	Power Pack (Split Weight)	Tier 3: 8,600 lbs. (3,901 kg) Tier 4i: 11,500 lbs. (5,216 kg)	Power Pack (Split Weight)	Tier 3: 11,000 lbs. (4,990 kg) Tier 4i: 11,200 lbs. (5,080 kg)
450 lbs. (204 kg)	Master Pusher	1,100 lbs. (499 kg)	Master Pusher	1,130 lbs. (513 kg)	Master Pusher	1,600 lbs. (726 kg)	Master Pusher	2,390 lbs. (1,084 kg)	Master Pusher	2,500 lbs. (1,134 kg)
1,300 lbs. (590 kg)	Master Track	3,500 lbs. (1,587 kg)	Master Track	3,500 lbs. (1,587 kg)	Master Track	3,900 lbs. (1,769 kg)	Master Track	7,100 lbs. (3,221 kg)	Master Track	8,200 lbs. (3,719 kg)
140 lbs. (63.5 kg)	Lifting Sling	300 lbs. (136 kg)	Lifting Sling	300 lbs. (136 kg)	Lifting Sling	350 lbs. (159 kg)	Lifting Sling	550 lbs. (249 kg)	Lifting Sling	900 lbs. (408 kg)
	Total Weight		Total Weight		Total Weight		Total Weight		Total Weight	
1,060 lbs. (481 kg)	Extension Track	2,800 lbs. (1,270 kg)	Extension Track	2,360 lbs. (1,070 kg)	Extension Track	3,500 lbs. (1,588 kg)	Extension Track	5,600 lbs. (2,540 kg)	Extension Track	6,200 lbs. (2,812 kg)
60 lbs. (27 kg)	Master Saddle	250 lbs. (114 kg)	Master Saddle	250 lbs. (114 kg)	Master Saddle	250 lbs. (114 kg)	Master Saddle	270 lbs. (123 kg)	Master Saddle	470 lbs. (213 kg)
Tier 4i: 5,940 lbs. (2,694 kg) Tier 4f: 6,032 lbs. (2,736 kg)	Total Weight	Tier 3: 16,800 lbs. (7,620 kg) Tier 4i: 17,240 lbs. (7,820 kg)	Total Weight	Tier 3: 16,830 lbs. (7,634 kg) Tier 4i: 17,270 lbs. (7,834 kg)	Total Weight	Tier 3: 19,200 lbs. (8,709 kg) Tier 4i: 21,400 lbs. (9,707 kg)	Total Weight	Tier 3: 27,540 lbs. (12,492 kg) Tier 4i: 30,440 lbs. (13,807 kg)	Total Weight	Tier 3: 32,900 lbs. (14,923 kg) Tier 4i: 33,100 lbs. (15,014 kg)
				Out						
									Your P	
1 b 4 4 1 1 1 1 1 6 6 T	Packplate  Ift. 6 in. (1.37 m)  8.12 in. (460 mm)  8.12 in. (460 mm)  Ift. (3 m)  4 ft. 6 in. (1.37 m)  Base Unit/Power Pack Fier 4i: 4,050 lbs. (1,837 kg) Fier 4f: 4,142 lbs. (1,879 kg)  1,300 lbs. (204 kg)  1,300 lbs. (590 kg)  1,060 lbs. (63.5 kg)  1,060 lbs. (481 kg)  50 lbs. (27 kg)  Fier 4i: 5,940 lbs. (2,694 kg)	1 ft. (3.4 m) with 1 in. (25 mm) backplate  And the first of it. (1.83 m)  Master Track Length  Master Track Width  Centerline  Extension Track Length  Extension Track Length  Extension Track Width  Weight  Base Unit/Power Pack Fier 4i: 4,050 lbs. (1,837 kg) Fier 4f: 4,142 lbs. (1,879 kg)  Master Pusher  Master Track Length  Extension Track Width  Weight  Base Unit (Split Weight)  Power Pack (Split Weight)  Master Pusher  Master Track  Lifting Sling  Total Weight  I,060 lbs. (481 kg)  Extension Track  Master Saddle  Total Weight  Total Weight	1 ft. (3.4 m) with 1 in. (25 mm)	Inter 4:: 6 Int. (1.83 m)	Inter-16   10   11   12   13   15   15   16   15   15   15   15   15		Inter-set-10.1 (1.03 m)   Master Track Length   13 ft. (3.96 m) with 1 in. (25 mm)   backplate   Master Track Length   13 ft. (3.96 m) with 1 in. (25 mm)   backplate   Master Track Length   13 ft. (3.96 m) with 1 in. (25 mm)   backplate   ft. 6 in. (1.37 m)   Master Track Width   6 ft. 3 in. (1.92 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 6 in. (1.67 m)   Master Track Width   5 ft. 3 in. (1.6 m)   Extension Track Width   5 ft. 3 in. (1.6 m)   Extension Track Width   5 ft. 6 in. (1.67 m)   Master Track   5 ft. 3 in. (1.6, m)   Master Track   5 ft. 6 in. (1.67 m)   Master			Master Track Length   Str. (1,637 m)   Str. (1,637 m)   Master Track Length   Str. (1,637 m)   Str. (1,637 m)



#### Disc Cutter Head

For Ground Conditions up to 25,000 psi (1,724 bar)

- Retractable, large diameter cutter head with increased access
- Power-assisted steering jacks
- Retractable steering assembly
- Quick and easy spoil removal
- Hex adaptor for any brand with a 4 in. (102 mm) or 5 in. (127 mm) hex

Casing/Diameter Size	Head Diameter	Hex Size	# of Cutters	Required Torque	Required Thrust	Total Weight
24 in. (610 mm)	26 in. (660 mm)	4 in. (102 mm)	9	7,800 ft. lbs. (15,580 Nm)	94,995 lbs. (43 Tonnes)	2,225 lbs. (1,009 kg)
30 in. (762 mm)	32 in. (813 mm)	4 in. (102 mm)	11	11,900 ft. lbs. (16,130 Nm)	116,105 lbs. (53 Tonnes)	3,066 lbs. (1,391 kg)
36 in. (914 mm)	38 in. (965 mm)	4 in. (102 mm)	13	16,900 ft. lbs. (22,910 Nm)	137,215 lbs. (63 Tonnes)	4,100 lbs. (1,860 kg)
42 in. (1,067 mm)	44 in. (1,118 mm)	5 in. (127 mm)	16	25,800 ft. lbs. (34,980 Nm)	168,880 lbs. (77 Tonnes)	4,862 lbs. (2,205 kg)

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

#### **Roller Cone Head**

For Ground Conditions 8,000 psi (550 bar) to 50,000 psi (3,450 bar)

Available in 3 in. or 4 in. (76 mm or 102 mm) Hex with or without Pilot

20 in. (508 mm)

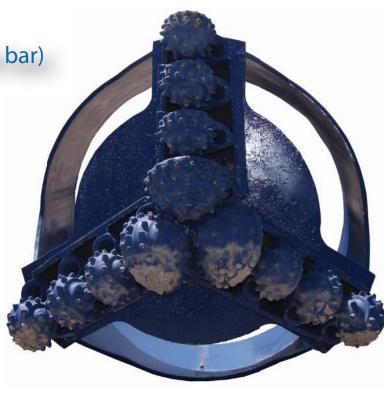
24 in. (610 mm)

30 in. (762 mm)

36 in. (914 mm)

42 in. (1,067 mm)

48 in. (1,219 mm)







#### **AMERICAN AUGERS®**