



Heavy Duty

AUGERS



Ideal for all drilling applications -

from DIRT

to CONCRETE

and even SOLID ROCK.

Rugged planetary drive units feature heavier components than any competitors and will outperform all other drives in their class. Paired with the correct auger, they can handle any drilling need.

Star Hydraulic Auger Drives

are available in Medium and Heavy Duty models

for systems operating between 6 and 35 GPM and 2000 to 3000 PSI.

Systems operating over 3000 PSI need a Heavy Duty Pressure Relief Valve, Model 160-HDPRV



DRIVE SPECIFICATIONS		Medium Duty Recommended for Mini Skid-Steers only		Heavy Duty					
		Model 160D-615M	Model 160D-1020M	Model 160D-1020	Model 160D-1530	Model 160D-2035			
Recommended Fluid Flow		6-15 gpm	10-20 gpm	10-20 gpm	15-30 gpm	20-35 gpm			
Maximum Output Torque		1,419 ft. lbs.	1,777 ft. lbs.	2,000 ft. lbs.	3,000 ft. lbs.	3,500 ft. lbs.			
Maximum Pressure-Continuous		3,000 psi	3,000 psi	3,000 psi	3,000 psi	3,000 psi			
Recommended Max. Auger Dia.-Rock		n/a	n/a	24"	36"	36"			
Recommended Max. Auger Dia.-Dirt		24"	36"	30"	36"	36"			
Auger Drive Output Shaft Coupler		2" Hex	2" Hex	2" Hex	2" Hex	2" Hex			
Drive Weight		120 lbs.	150 lbs.	185 lbs.	188 lbs.	190 lbs.			
OUTPUT SPEED		Flow	Speed	Flow	Speed	Flow	Speed	Flow	Speed
		6 gpm	39 rpm	10 gpm	52 rpm	10 gpm	48 rpm	15 gpm	47 rpm
		8 gpm	52 rpm	12 gpm	62 rpm	12 gpm	55 rpm	18 gpm	56 rpm
		10 gpm	65 rpm	14 gpm	73 rpm	14 gpm	64 rpm	22 gpm	68 rpm
		12 gpm	78 rpm	16 gpm	83 rpm	16 gpm	73 rpm	26 gpm	81 rpm
		14 gpm	91 rpm	18 gpm	93 rpm	18 gpm	82 rpm	28 gpm	87 rpm
		15 gpm	104 rpm	20 gpm	104 rpm	20 gpm	92 rpm	30 gpm	93 rpm
OUTPUT TORQUE		Pressure - PSI		Torque - ft. lbs.					
		2,000		946	1,185	1,339	1,958	2,388	
		2,500		1,182	1,481	1,675	2,450	2,985	
		3,000		1,419	1,777	2,008	2,937	3,582	

800-541-1797

or

817-485-6073

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The mounting Frame, constructed of heavy wall tubular steel, features the largest and strongest cradle on the market. A weatherproof tube for convenient storage of operator's manual is also incorporated into its rugged design.

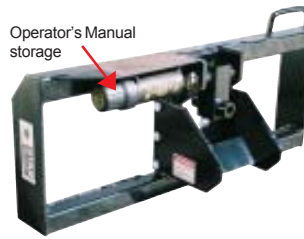
Model 160QT-SS for Skid-Steer Loaders

Model 160QT-FL for Telehandlers

Model 160QT-MSS for Mini Skid-Steer Loaders

Model 160QT-BH for BackHoe Excavators

Operator's Manual storage



Model 160QT-SS
for Skid-Steer Loaders



Model 160QT-BH
for BackHoe Excavators

Hose Kit – required with each Auger Drive.

Includes two 1/2" x 96" hoses in a protective sleeve and flat face hydraulic quick couplers.

Model 160HK



Model 160QT-MSS
for Mini Skid-Steer Loaders
Features removable side swing adapter.

Drive Adapters available for Hex to round or Round to hex.

Model 160A-AD01 Adapts 2" Hex Drive to 2 1/2" Round Drive

Model 160A-AD02 Adapts 2 1/2" Round Drive to 2" Hex Drive



Heavy Duty 2" hex coupler Shaft Extensions available in lengths from 24" to 72".

Model 160A-E

Dirt Augers

Model 160A-D



48" OAL – These are the most common used augers and are **specified for moderate soil conditions such as dirt, clay and small fractured rock**. These durable augers feature a fabricated boring head, hardened bolt-on teeth, hardened bolt-on fishtail pilot, 3/8" thick double flight and a 3 1/4" tubular shaft.

Available in 6" - 36" dia.

T-Post Augers

Model 160A-TP2



For drilling "T-Post" holes in **dirt, clay, compacted soils, frozen ground, fractured rock, solid rock and concrete**. Features 2" dia. replaceable carbide pilot and 1 5/8" by 38" OAL solid stress proof shaft. Drilling depth - 30"

Heavy Duty Augers

Model 160A-HD



48" OAL – A very rugged auger for tough ground conditions. **Recommended for compacted soils, heavy clay, asphalt, frozen ground, and fractured rock**. HD Augers feature a cast boring head with replaceable Pengo style drive-in teeth, hardened bolt-on fishtail pilot, 3/8" thick double flight and a 3 1/4" tubular shaft.

Available in 6" - 36" dia.

Rock Augers

Model 160A-R



6" dia.



8" - 36" dia.

48" OAL – Our most rugged auger for your most difficult drilling conditions. **These augers are designed for solid rock, concrete, fractured rock, frozen ground and compacted soils**. Larger 8" to 36" dia. augers feature a pilot on a 2 3/8" API Sub, 3/4" double flight boring head with Rockwell 65 hardfacing, replaceable carbide bullet teeth and 3/8" double flight on 3 1/4" tube. Smaller 6" dia. augers feature a welded pilot, replaceable carbide bullet teeth and 3/8" double flight on 2 3/8" solid steel shaft. A 2 3/8" API Sub Dirt Pilot is also available.

Available in 6" - 36" dia.