

# MS SERIES AUGER DRIVES

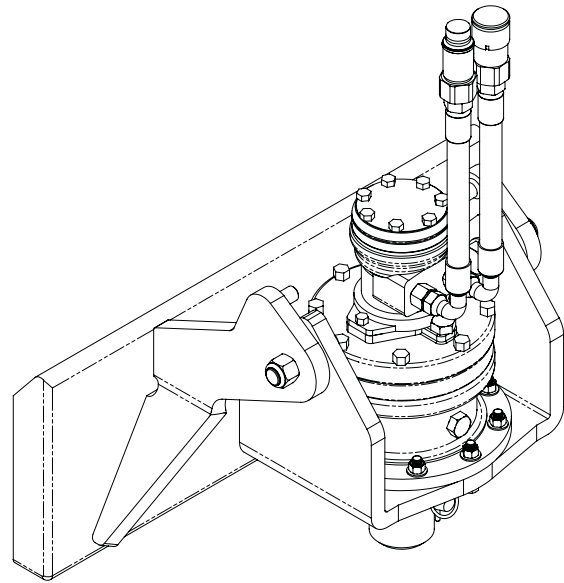
## SINGLE SPEED

### APPLICATIONS

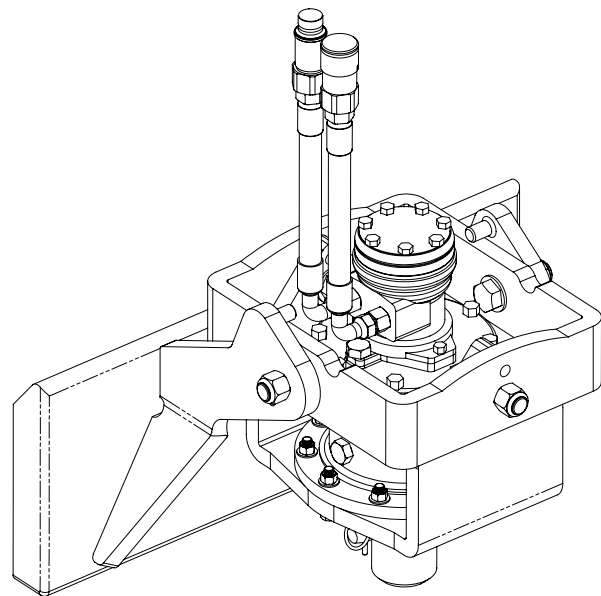
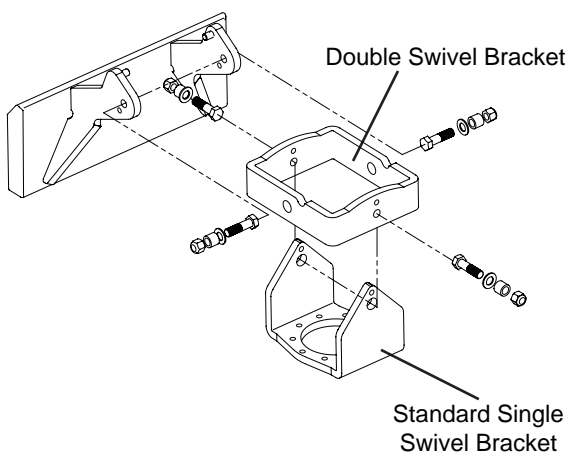
The MS Series Auger Drives are developed specifically for the Mini-Skid Steer industry. The MS Auger Drives allow you to drill holes for footings, fencing, signs, trees, and shrubs. Ideal for most construction and landscaping applications.

### FEATURES

- **Compact Size.** The light weight and compact design make these units easy to operate in limited access or hard to reach drilling areas.
- **Durable Design.** The MS Series is designed with a bidirectional hydraulic motor mounted to an in-line gearbox, offering optimal auger bit speed and torque.
- **Options.** The MS Series offer a variety of options including:
  - High Speed / Low Torque capability
  - Low Speed / High Torque capability
  - Output shaft available in 2-9/16" Round or 2" Hex
  - Single or Double Swivel option
- **Multipurpose.** The MS Series Drives are also capable of converting from An Auger Drive to a Concrete mixer by replacing the auger bit with a mixing drum.



SINGLE SWIVEL MODEL



DOUBLE SWIVEL MODEL

Single swivel units can easily be converted into a Double swivel unit as shown above.

# MS SERIES AUGER DRIVES

## MS Series Auger Drive Application and Performance Data

Application: Mini - Skid Steer

Models Available: (4) MS-80, MS-100, MS-125, and MS-160

Drive Method: Single Speed, Single Stage Planetary Reduction (Gearbox Ratio 5.77:1)

Required Hydraulic Flow Range: 10 - 20 GPM (37 - 75 LPM)

Optimal Hydraulic Pressure Range: 2000 - 3000 PSI (137 - 206 Bar)

Output Speed Range: 37 - 150 RPM

Output Torque Range: 687 - 2062 ft/lbs (932 - 2797 Nm)

Output Shaft: Round 2-9/16" or Hex 2"

### MS-80 High Speed / Low Torque

Output Speed		Output Torque	
Flow	Speed	Pressure	Torque
GPM (LPM)	RPM	PSI	Ft-Lbs (Nm)
10 (37)	75	2000	687 (932)
15 (56)	113	2500	860 (1166)
20 (75)	150	3000	1031 (1398)

### MS-100 High Speed / Low Torque

Output Speed		Output Torque	
Flow	Speed	Pressure	Torque
GPM (LPM)	RPM	PSI	Ft-Lbs (Nm)
10 (37)	60	2000	856 (1161)
15 (56)	90	2500	1074 (1457)
20 (75)	120	3000	1288 (1747)

### MS-125 Low Speed / High Torque

Output Speed		Output Torque	
Flow	Speed	Pressure	Torque
GPM (LPM)	RPM	PSI	Ft-Lbs (Nm)
10 (37)	48	2000	1074 (1457)
15 (56)	72	2500	1342 (1820)
20 (75)	96	3000	1611 (2185)

### MS-160 Low Speed / High Torque

Output Speed		Output Torque	
Flow	Speed	Pressure	Torque
GPM (LPM)	RPM	PSI	Ft-Lbs (Nm)
10 (37)	37	2000	1374 (1864)
15 (56)	56	2500	1718 (2331)
20 (75)	75	3000	2062 (2797)

Note: Output speed and torque specifications are based on theoretical values and are provided for comparative purposes only.

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