

# AUGER DRIVES SKID STEER LOADER

## 1 - 2.5T (2,200lbs - 5,500lbs)



### FEATURES

- Compact high torque Digga manufactured gearbox
- Digga designed Eaton motor with integrated pressure relief valve eliminating the need for bulky valve blocks while reducing many potential leak points
- 2 Piece shaft design ensures maximum side load ratings without increasing load on bearings
- 5 year gear box and 3 year motor warranty / lifetime shaft pull-out warranty
- Over 30 years design and manufacturing experience
- Easily converted to a Screw Anchor Drive with the addition of our patented 'Anti Kickback Valve'



|                                    | SINGLE SPEED   |          |
|------------------------------------|----------------|----------|
| MODEL                              | 1DSS           | 2DSS     |
| Torque ft-lbs @ 3000 Psi           | 1,467          | 2,254    |
| Max Torque ft-lbs @ 3500 Psi       | 1,712          | 2,630    |
| Recommended Flow (Gpm)             | 6-16           | 10-26    |
| Motor Type                         | EATON          | EATON    |
| Max Pressure - Do Not Exceed       | 3500psi @16gpm |          |
| Max Flow - Do Not Exceed           | 30gpm @1800psi |          |
| Max Horse Power                    | 33             | 33       |
| Pressure Relief Valve              | N/A            | N/A      |
| Standard Output Shaft              | 2" Hex         | 2" Hex   |
| Recommended Auger                  | A4 / RC4       | A4 / RC4 |
| Max Drilling Diameter Clay/shale** | 12"            | 24"      |
| Max Drilling Diameter Earth**      | 24"            | 30"      |
| Weight (lbs)                       | 101            | 123      |
| Overall Length (in)                | 24.5"          | 25.9"    |
| Diameter (in)                      | 7.4"           | 9.4"     |



### OUTPUT SPEED & TORQUE

| 1DSS         |     |               |        | 2DSS         |     |               |        |
|--------------|-----|---------------|--------|--------------|-----|---------------|--------|
| OUTPUT SPEED |     | OUTPUT TORQUE |        | OUTPUT SPEED |     | OUTPUT TORQUE |        |
| GPM          | RPM | PSI           | FT-LBS | GPM          | RPM | PSI           | FT-LBS |
| 6            | 38  | 1,500         | 734    | 10           | 41  | 1,500         | 1,127  |
| 8            | 50  | 1,700         | 832    | 12           | 49  | 1,700         | 1,277  |
| 10           | 63  | 1,900         | 929    | 14           | 57  | 1,900         | 1,428  |
| 12           | 75  | 2,100         | 1,027  | 16           | 65  | 2,100         | 1,578  |
| 14           | 88  | 2,300         | 1,125  | 18           | 73  | 2,300         | 1,728  |
| 16           | 100 | 2,500         | 1,223  | 20           | 82  | 2,500         | 1,878  |
|              |     | 2,700         | 1,321  | 22           | 90  | 2,700         | 2,029  |
|              |     | 2,900         | 1,418  | 24           | 98  | 2,900         | 2,179  |
|              |     | 3,100         | 1,516  | 26           | 106 | 3,100         | 2,329  |
|              |     | 3,300         | 1,614  |              |     | 3,300         | 2,479  |
|              |     | 3,500         | 1,712  |              |     | 3,500         | 2,630  |

Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. When determining criteria, & application specific information is required, please contact DIGGA.

(\*\*) Max/min drilling diameter (DIA) dependent on ground conditions. Guide is a recommendation only.

# AUGERS TO SUIT 1DSS & 2DSS

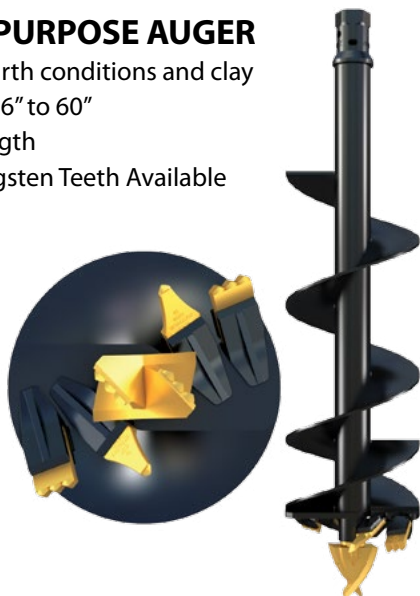


## FEATURES

- TRU-CUT – a 12" auger cuts a 12" hole, no more oversized holes!
- Over 30 years of auger design and manufacture has resulted in an extremely efficient cutting head design and optimum flight pitches to provide maximum soil removal in all ground conditions.
- Made in the USA
- Easy knock in and out teeth requires no special tools

## GENERAL PURPOSE AUGER

- Dig holes in earth conditions and clay
- Available Size, 6" to 60"
- 60" Overall length
- Earth and Tungsten Teeth Available



## COMBINATION ROCK & EARTH AUGER

- Dig holes in earth conditions, clay, asphalt, concrete and fracturable rock
- All purpose cutting heads - no more interchanging cutting heads & using multiple augers
- Available Size, 6" to 60"
- 60" Overall length

