

Augers

For skid-steer loaders, compact tractors, mini compact loaders, excavators, mini excavators, tractor loader backhoes and telehandlers



PALADIN LIGHT CONSTRUCTION

FEATURES:

- 5 to 60 GPM available
- augers available up to 48" diameter
- wide variety of auger diameters, lengths and style for every digging application
- extensions available for deeper digging
- various mounts available for most applications
- planetary and chain reduction auger drives available
- 2 speed auger drive available
- 2 year warranty; up to 3 years additional planetary warranty



75 Series Auger Drives

X975, X1475, X1975, X2475 & 3K2

2 Year Comprehensive Warranty

The 75 Series Offers a 5 Year "No Hassle" Planetary Gearbox Warranty

All 75 Series hydraulic motor drives the auger through a sealed planetary gear reduction. The heavy duty all gear design gives these units a long life with minimal maintenance and service costs. 75 Series drive units are completely sealed with all moving components running in oil for total lubrication on a constant basis. All models feature reverse rotation for quick backout when obstructions are encountered. The systems' hydraulic relief valve protects the units from damage when the auger hits large immovable objects.

NOTE: Output shaft options 2" (51 mm) round 2-9/16" (65 mm) round 2" (51 mm) hexagon

| Model X975 | | | | | | | |
|----------------------------------|-------|--------------------------------|---------------|---------|---------|------|--|
| maximum auger diameter | | 24" | | 610 mm | | | |
| minimum hydraulic flow | | 6 GPM | | 30 lpm | | | |
| maximum hydraulic flow | | 15 GPM | | 57 lpm | | | |
| maximum continuous operating PSI | | 3000 PSI | | 207 bar | | | |
| output shaft options: | | 2" round, 2-9/16" round 2" hex | | | | | |
| output speed | | | output torque | | | | |
| flow | speed | | pressure | | torque | | |
| GPM | LPM | = RPM | PSI | Bar | = Lb·Ft | N·m | |
| 6 | 23 | 36 | 2000 | 141 | 1000 | 1356 | |
| 8 | 30 | 47 | 2500 | 176 | 1277 | 1731 | |
| 10 | 38 | 60 | 3000 | 211 | 1500 | 2034 | |
| 12 | 45 | 71 | | | | | |
| 15 | 57 | 89 | | | | | |

| Model X1475 | | | | | | | |
|----------------------------------|-------|---------------------------------|---------------|---------|---------|------|--|
| maximum auger diameter | | 30" | | 762 mm | | | |
| minimum hydraulic flow | | 10 GPM | | 38 lpm | | | |
| maximum hydraulic flow | | 25 GPM | | 95 lpm | | | |
| maximum continuous operating PSI | | 3000 PSI | | 207 bar | | | |
| output shaft options: | | 2" round, 2-9/16" round, 2" hex | | | | | |
| output speed | | | output torque | | | | |
| flow | speed | | pressure | | torque | | |
| GPM | LPM | = RPM | PSI | Bar | = Lb·Ft | N·m | |
| 10 | 38 | 38 | 2000 | 138 | 1600 | 2169 | |
| 12 | 45 | 45 | 2500 | 172 | 2000 | 2712 | |
| 14 | 53 | 53 | 3000 | 207 | 2377 | 3223 | |
| 16 | 61 | 60 | | | | | |
| 18 | 68 | 68 | | | | | |
| 20 | 76 | 75 | | | | | |
| 25 | 95 | 94 | | | | | |

| Model X1975 | | | | | | | |
|----------------------------------|-------|---------------------------------|---------------|---------|---------|------|--|
| maximum auger diameter | | 36" | | 914 mm | | | |
| minimum hydraulic flow | | 15 GPM | | 57 lpm | | | |
| maximum hydraulic flow | | 30 GPM | | 114 lpm | | | |
| maximum continuous operating PSI | | 3000 PSI | | 207 bar | | | |
| output shaft options: | | 2" round, 2-9/16" round, 2" hex | | | | | |
| output speed | | | output torque | | | | |
| flow | speed | | pressure | | torque | | |
| GPM | LPM | = RPM | PSI | Bar | = Lb·Ft | N·m | |
| 15 | 57 | 49 | 2000 | 138 | 1856 | 2516 | |
| 18 | 68 | 58 | 2500 | 172 | 2328 | 3156 | |
| 20 | 76 | 65 | 3000 | 207 | 2769 | 3754 | |
| 22 | 83 | 71 | | | | | |
| 24 | 91 | 78 | | | | | |
| 26 | 98 | 84 | | | | | |
| 28 | 106 | 90 | | | | | |
| 30 | 114 | 97 | | | | | |

| Model X2475 | | | | | | | |
|----------------------------------|-------|---------------------------------|---------------|---------|---------|------|--|
| maximum auger diameter | | 36" | | 914 mm | | | |
| minimum hydraulic flow | | 20 GPM | | 76 lpm | | | |
| maximum hydraulic flow | | 35 GPM | | 132 lpm | | | |
| maximum continuous operating PSI | | 3000 PSI | | 207 bar | | | |
| output shaft options: | | 2" round, 2-9/16" round, 2" hex | | | | | |
| output speed | | | output torque | | | | |
| flow | speed | | pressure | | torque | | |
| GPM | LPM | = RPM | PSI | Bar | = Lb·Ft | N·m | |
| 20 | 76 | 52 | 2000 | 141 | 2308 | 3129 | |
| 22 | 83 | 57 | 2500 | 176 | 2895 | 3925 | |
| 24 | 91 | 63 | 3000 | 211 | 3451 | 4686 | |
| 26 | 98 | 68 | | | | | |
| 28 | 106 | 78 | | | | | |
| 30 | 114 | 68 | | | | | |
| 35 | 132 | 73 | | | | | |

The 3K2 - 2 speed auger drive offers one drive for maximum productivity in changing soil and job site conditions and up to twice the productivity of single speed drives for less than 20% initial additional investment.

| Model 3K2 (Two Speed) | | | | | | | |
|-------------------------------|--|-------------------------------------|--|------------------------------|--|---------------|---------------|
| | | | | high speed/low torque | | 15 GPM | 20 RPM |
| | | | | | | 57 (lpm) | (76 lpm) |
| maximum auger diameter | | 36" 914 mm | | auger RPM | | 59 | 81 |
| minimum hydraulic flow | | 10 GPM 38 lpm | | torque ft. lbs. @ 3000 PSI | | 2,053 | 2,053 |
| maximum hydraulic flow | | 25 GPM 95 lpm | | low speed/high torque | | | |
| max. continuous operating PSI | | 3000 PSI 207 bar | | auger RPM | | 37 | 48 |
| output shaft options: | | 2-9/16" round 2" hex | | torque ft. lbs. @ 3000 PSI | | 2,923 | 2,923 |
| | | (manual & electric shift available) | | | | | |

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

Specifications and design are subject to change without notice and without liability, therefore, whenever applicable specifications are in accordance with SAE standards.