

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.