

# Backhoes & Accessories

## FEATURES:

- Four (4) weight/digging force classes available
- 180° bucket rotation & swing arc
- Heavy duty construction grade for heavy duty applications
- Cushioned cylinders
- Dual cylinder swing with swing speed control
- High clearance swing post design for easier transport loading








PALADIN LIGHT CONSTRUCTION



485 Backhoe



609 Backhoe



3509 Backhoe



509 Backhoe



485

611



511 with Knuckle Arm

# 509 & 511 Backhoes

Specifications	509	511
<b>Transport</b>		
A. Transport Height (with boom fully retracted)	7' 9"	8' 10"
Transport Width (with stabilizers up)	5' 0"	5' 0"
B. Ground Clearance	11"	11"
<b>Operational</b>		
D. Digging Depth - Maximum	9' 8"	11' 1"
E. Digging Depth (2 ft.) Flat Bottom	9' 7"	11"
F. Digging Depth (8 ft.) Flat Bottom	8' 3"	9' 11"
G. Overall Operating Height - Fully Raised	12' 10"	14' 5"
H. Loading Height	6' 10"	8' 0"
I. Loading Reach	4' 2"	5' 0"
J. Reach From Swing Post	12' 9"	14' 5"
K. Bucket Rotation	180°	180°
Swing Arc	180°	180°
L. Straight Wall Digging Depth	7' 3"	8' 2"
Stabilizer Spread Operating Position	7' 11"	7' 11"
Stabilizer Down Below Grade	16"	16"
System Relief Valve Setting	2500 PSI	2500 PSI
Digging Force - Bucket Cylinder	5676#	5676#
Digging Force - Dipper Cylinder	2754#	3056#

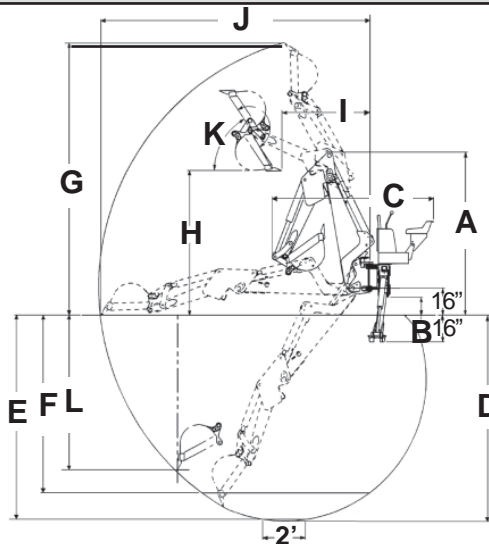
## FEATURES:

- Long reach from the swing post provides the ability to place material further from the excavation and allow for fewer moves
- Dual cylinder swing provides maximum power
- Standard swing speed control
- Cushioned swing brings the backhoe to gentle stop at each end of the swing arc
- High clearance swingpost allows operation where clearance is critical
- High-capacity bucket provides more volume
- Optimum performance with 9-12 GPM hydraulic systems
- 2 year limited warranty

## Buckets & Capacities

bucket size	struck cap. ft. <sup>3</sup>	heaped cap. ft. <sup>3</sup>	weight lbs	number of teeth*
12"	1.43	1.83	140	3
16"	1.98	2.56	154	4
18"	2.25	2.98	162	4
20"	2.52	3.40	168	4
24"	3.07	4.32	185	4
34"	4.23	5.80	238	7
36"	4.48	6.14	257	7
38"	4.73	6.48	269	7

\* buckets available without teeth



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

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