

6100 & 6120 Backhoes

JUST RELEASED!

FEATURES:

- 10 ft & 12 ft digging depths
- 180° bucket rotation & swing arc
- Heavy duty construction grade for heavy duty applications
- Cushioned cylinders
- High clearance swing post design for easier transport loading



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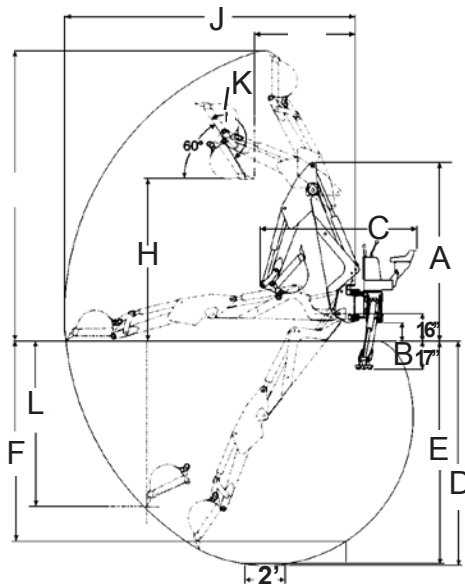
The Power of Combined Excellence

6100 & 6120 Backhoes

Specifications	6100	6120
Transport		
A. Transport Height (with boom fully retracted)	8' 5"	9' 8"
Transport Width (with stabilizers up)	58"	58"
B. Ground Clearance	10"	10"
C. Overall Length	7' 8"	8' 1"
Boom Pivot Height	16"	16"
Operating Weight with 12" Bucket	1691 lbs.	1825 lbs.
Operational		
D. Digging Depth - maximum	10' 1"	12' 1"
E. Digging Depth (2 ft.) flat bottom	10'	12'
F. Digging Depth (8 ft.) flat bottom	8' 6"	10' 8"
G. Overall Operating Height - fully raised	12' 4"	14' 0"
H. Loading Height	6' 7"	6' 11"
I. Loading Reach	5' 0"	6' 3"
J. Reach From Swing Post	13' 1"	15' 1"
K. Bucket Rotation	180°	180°
Swing Arc	180°	180°
Straight Wall Digging Depth	7' 6"	8' 7"
Stabilizer Operating Position	8' 8"	8' 8"
Stabilizer Below Grade	18"	18"
System Relief Valve Setting	2750 PSI	2750 PSI
Digging Force - Bucket Cylinder	6200 lbs	6200 lbs
Digging Force - Dipper Cylinder	3771 lbs	4102 lbs

6100/6120 Backhoe Buckets			
PN	Bucket Size	Struck Cap.	Heaped Cap.
110012	12"	1.25	1.53
110016	16"	1.72	2.20
110018	18"	1.95	2.54
110024	24"	2.65	3.57
110034	34"	3.82	5.31
110036	36"	4.05	5.65
110038	38"	4.28	5.99

The diagram illustrates the backhoe's operational range and dimensions. It shows the boom and bucket in various positions, with labels A through J corresponding to the specifications table. A large circular arc represents the 180-degree swing range of the boom. Key dimensions shown include the maximum digging depth (D), digging depth at 2 feet flat bottom (E), digging depth at 8 feet flat bottom (F), overall operating height (G), loading height (H), loading reach (I), reach from the swing post (J), and the straight wall digging depth. The bucket is shown in a 60-degree open position. The diagram also indicates the stabilizer operating position and the stabilizer below grade dimension.



FEATURES:

- Best bucket digging force for a four-bar linkage backhoe in its class
- Long reach from the swing post provides the ability to place material further from the excavation and allows for fewer moves
- High-capacity buckets provide more volume
- 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
- Optimum performance with 11-14 GPM hydraulic systems
- 2 year limited warranty

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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