

Backhoes

for Skid Steer, Multi Terrain and Compact Track Loaders



A Sideshift Backhoe attachment used for excavating and trenching in narrow confined areas, greatly adds to versatility of skid steer loaders and multi terrain loaders.

Features

Mechanical quick coupler

Uses Caterpillar® 302.5 Mini Excavator work tools

Backhoe sideshift

'O' ring face seals on hydraulic joints and grease fittings on pivot joints

Benefits

Enables fast, easy tool changes while maximising the performance of the work tool.

Enables the machine to be used in several jobsite applications such as narrow trenching, general excavating or hammer use.

Flexible positioning for excavation in confined areas.

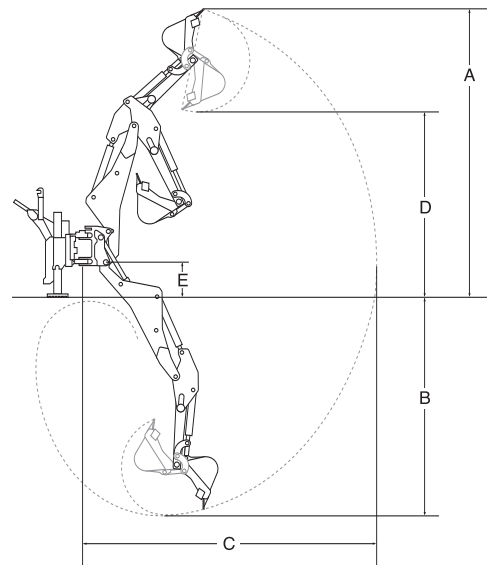
Easy routine maintenance.

CATERPILLAR®

BH27, BH30, BH30w Backhoes

Specifications and Dimensions

		BH27	BH30	BH30w
A Height	mm	3487	3556	3591
B Dig Depth	mm	2684	2935	2900
C Reach	mm	3648	3741	3741
D Dump Height	mm	2077	2123	2158
E Boom Pivot Pin	mm	375	375	410
Transport Height	mm	2474	2474	2509
Operating Weight (c/w 300 mm bucket)	kg	836	846	866
Swing Brake		180°	180°	180°
Breakout Force	kg	3970	3970	3970
Hydraulic Pressure	bar	170	170	170
Side Shift Travel	mm	816	816	978
Hydraulic Stabilizer		2	2	2
Minimum Flow	L/min	30	35	35
Bucket Swing Radius		210°	218°	218°



Auxiliary Hydraulics: Standard

The backhoe stick has the linkage configuration identical to that of the 302.5 Mini Hydraulic Excavator.

Buckets

							Excavating		Ditch Cleaning		
		260	300	400	457	500	600	800	1000	1200	
Width	mm	260	300	400	457	500	600	800	1000	1200	
Capacity, struck*	m ³	0.03	0.034	0.042	0.05	0.055	0.069	0.067	0.085	0.095	
Capacity, heaped	m ³	0.035	0.041	0.054	0.065	0.073	0.092	0.080	0.102	0.116	
Bucket Weight**	kg	42	44	49	52	55	62	82	80	91	
Tip Radius with teeth	mm	650	650	650	650	650	650	460	460	460	
Side Wall Angle		4.4°	4.4°	4.4°	4.4°	4.4°	4.4°	–	–	–	
Base Edge Thickness	mm	10	10	10	10	10	10	10	10	10	
Number of Wear Strips		2	2	2	2	2	2	2	2	2	
Number of Bolt on Teeth		3	3	3	3	4	4	–	–	–	

* Capacities per ISO 7541:1997

** Weight with cutting edge

Hydraulic Hammers

		H55D S
Recommended carrier weight	tonnes	2.5-4.5
Working weight*	kg	199
Impact frequency	bpm	1022-2300
Acceptable oil flow	liter/min	40-85
Operating pressure	bar	170

* Working weight includes hammer, standard tool and average mounting bracket.

Hydraulic Requirements

Standard flow hydraulics and no electrics.

Backhoe	Skid Steer Loaders	Multi Terrain Loaders	Compact Track Loaders
BH27	216B2, 226B2, 232B2, 242B2	247B2, 257B2	
BH30	216B2, 226B2, 232B2, 242B2	247B2, 257B2	
BH30w	236B2, 246C, 256C, 262C, 272C	277C, 287C, 297C	279C, 289C, 299C

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