

Cat[®] Compaction Wheels

BACKHOE LOADERS
MINI EXCAVATORS

When backfilling trenches, Cat[®] Compaction Wheels are one attachment option that can be used to achieve desired compaction levels. Compaction wheels are available for all Cat mini hydraulic excavators as well as all Cat backhoe loaders. The wheels are offered in multiple widths for each machine platform to cover a wide range of application requirements. Wheels feature tapered roller bearings and a tampered foot design with static pad rollers which allows for smooth operation and helps achieve a high degree of compaction. The open rim design allows the wheel to penetrate through the trench fill and compact the soil from the bottom up.

Features:

Tamper foot design with static pad rollers:

- Static pad rollers are best suitable for compacting cohesive soils and achieving a higher degree of compaction.

Tapered roller bearing:

- Provides smooth wheel operation and appropriate tool balance.

Engineered to withstand impact and thrust load demanded from machine:

- Designed to match to the machine platforms to withstand machine weights.

Standard backfill plate:

- Bolts on to the main tool interface to be used in collaboration with wheel to create smooth trench bottom.

Open rim design:

- Allows wheel to penetrate through the lift of trench fill and compact the soil up, rather than from the top down.

Compatibility

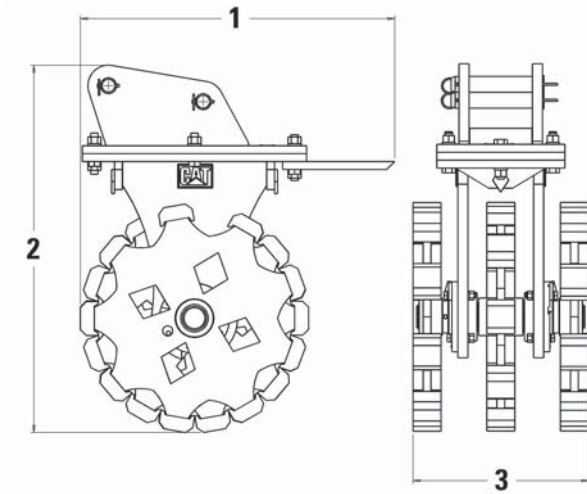
Model	Machine Compatibility
305 mm (12 in)	301.4C, 301.7D, 301.7D CR, 302.2D, 302.4D, 302.7D CR, 303E CR, 303.5E2 CR, 304E2 CR, 304.5E2 XTC, 305E2 CR, 305.5E2 CR, 306E2, 307E2, 308E2 CR, 415F2, 416F2, 420F2, 422F2, 426F2, 427F2, 428F2, 430F2, 432F2, 434F2, 444F2, 450F2
406 mm (16 in)	301.4C, 301.7D, 301.7D CR, 302.2D, 302.4D, 302.7D CR, 303E CR, 303.5E2 CR, 304E2 CR, 304.5E2 XTC, 305E2 CR, 305.5E2 CR, 306E2
457 mm (18 in)	307E2, 308E2 CR, 415F2, 416F2, 420F2, 422F2, 424B, 426F2, 427F2, 428F2, 430F2, 432F2, 434F2, 444F2, 450F2
559 mm (22 in)	301.4C, 301.7D, 301.7D CR, 302.2D, 302.4D, 302.7D CR, 303E CR, 303.5E2 CR, 304E2 CR, 305E2 CR, 305.5E2 CR, 306E2
610 mm (24 in)	307E2, 308E2 CR, 415F2, 416F2, 420F2, 422F2, 424B, 426F2, 427F2, 428F2, 430F2, 432F2, 434F2, 444F2, 450F
914 mm (36 in)	307E2, 308E2 CR, 450F

Machine model availability and attachment vary by region. Please contact your local dealer.



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Specifications



			305 mm	(12 in)	406 mm	(16 in)	457 mm	(18 in)
Weight	kg	(lb)	155-435	(342-959)	216-240	(476-528)	487-574	(1,074-1,266)
Compaction Width	mm	(in)	271-306	(11-12)	399	(16)	439, 449	(17, 18)
1 Length	mm	(in)	725-1014	(28-39)	693	(27)	991-1014	(39-39.3)
2 Height	mm	(in)	752-1276	(30-50)	792-961	(31-38)	1112-1284	(44-51)
3 Width	mm	(in)	292-356	(12-14)	399	(16)	439-449	(17.3-17.7)
Number of Wheels			2		3		3	
Total Number of Pads			16, 18		24		27	

			559 mm	(22 in)	610 mm	(24 in)	914 mm	(36 in)
Weight	kg	(lb)	273-593,	(569-1,307)	518-581	(1,142-1,281)	882-899	(1,945-1,982)
Compaction Width	mm	(in)	553-556	(22)	556-559	(22)	884	(35)
1 Length	mm	(in)	693-1014	(27-40)	991-997	(39)	1073-1091	(42-43)
2 Height	mm	(in)	792-1168	(31-46)	1110-1284	(44-51)	1164-1284	(46-51)
3 Width	mm	(in)	553-559	(22)	556-559	(22)	884	(35)
Number of Wheels			3, 4		3		5	
Total Number of Pads			27, 32		27		45	

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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