



# Cat® Grading Beams

MINI HYDRAULIC EXCAVATORS

Cat® Grading Beams are designed for precise grading and leveling applications. When paired with a mini excavator equipped with a Cat Tilt-Rotate System (TRS), this attachment delivers exceptional control while leveling large areas and shaping surfaces at multiple angles. The TRS unlocks dynamic performance, providing 360 degrees of rotation and up to 40 degrees of tilt. Its vibration function, used in combination with machine down pressure, efficiently compacts material to achieve a smooth finish. When integrated on a machine equipped with 2D or 3D external reference, this system provides the operator with an ultimate grading tool utilizing the latest technology to create precise results on the jobsite.

## FEATURES



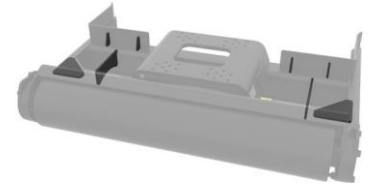
### ADJUSTABLE ROLLER DEPTH

Heavy-duty roller and scraper assembly features depth variability. Height can be adjusted with the bearings on each side. Roller can be used during forwards and backwards compaction rolling.



### FRONT POCKETS

Front pockets catch and evenly distribute material across the width of grading beam. Pockets provide increased control over material flow when grading areas with sand, soil, or gravel.



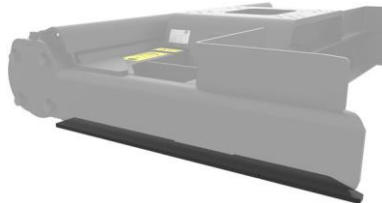
### CORNER REINFORCEMENTS

Frame corner stiffeners increase resistance against side loads. Additional spill guard stiffeners to avoid bending when pushing maximum loads.



### HEAVY DUTY SCRAPER

Scraper continuously cleans roller drum during forwards and backwards compaction rolling. Heavy-duty design prevents sticky materials such as clay, silt, and mud from sticking to the roller. Scraper moves with adjustable roller, ensuring adequate cleaning at any chosen depth setting. Scraper is equipped with cleanout access to easily clean.



### PROTECTIVE WEAR STRIPS

Replaceable wear strips are welded on to the grading beam underneath wings and grading edge. Abrasion from soil, gravel, and other materials is absorbed through these wear strips, preventing damage to the grading beam. Replacing these strips maintains an accurate grade profile and sharp edge over time.



### IN-LINE WINGS WITH SPILL GUARDS

Fixed in-line grading beam wings easily collect, transport, and spread materials. Spill guards are positioned on top of in-line wings to provide additional control over material movement, specifically in angled positions, providing neat and efficient leveling and grading on jobsite.

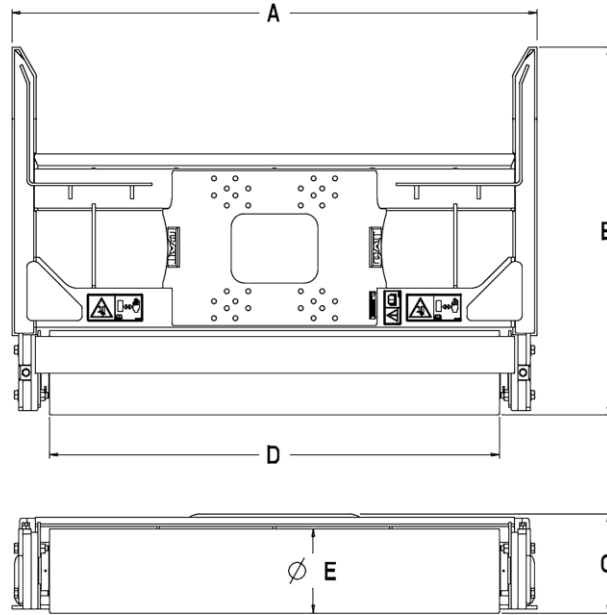


# Cat Grading Beams

## Compatibility

Model	Machines
1.5 m (59 in)	305 CR, 305.5 CR, 306 CR, 306.5 CR, 307.5, 308 CR, 309 CR, 310
2.0 m (79 in)	307.5, 308 CR, 309 CR, 310

## Specifications



### GRADING BEAMS

Model	1.5 m (59 in)	2.0 m (79 in)
A - Overall Width – mm (in)	1500 (59.1)	2000 (78.7)
B - Overall Length – mm (in)	1063 (41.9)	1063 (41.9)
C - Overall Height – mm (in)	275 (10.8)	275 (10.8)
D - Roller Width – mm (in)	1375 (54.1)	1875 (73.8)
E - Roller Diameter – mm (in)	244 (6.9)	244 (6.9)
Weight – kg (lb)	373 (822)	450 (992)
TRS Compatibility	TRS6, TRS8	TRS8
Interface	Requires Mounting Bracket	Requires Mounting Bracket
Bracket Options*	S40, S45, S50, 5-6T, 7-9T and 10T Pin On	S45, S50, 7-9T and 10T Pin On

\*TRS bolt-on mounting brackets are shared with Cat Multi-Purpose Grapples and are to be ordered separately based on machine configuration.

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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(Global)

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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