



PAVING PRODUCT LINE

BUILT FOR IT.™



VIBRATORY SOIL COMPACTORS

SPECIFICATIONS

	Operating Weight	Compaction Width	Gross Power			Engine	Emissions Certification
			kW	hp (M)	hp (I)		
CS34 Smooth Drum	4445 kg (9,799 lb)	1270 mm (50")	55.0	74.7	74	C3.4B	Tier 4 Final / Stage IV
CP34 Padfoot Drum	4995 kg (11,000 lb)	1270 mm (50")	55.0	74.7	74	C3.4B	Tier 4 Final / Stage IV
CS423E Smooth Drum	6990 kg (15,415 lb)	1676 mm (66")	62.0	84.0	83.0	3054C	Tier 2 / Stage IIA Equivalent
CS44 Smooth Drum	6900 kg (15,212 lb)	1676 mm (66")	75.0	102.0	100.0	C4.4 ACERT™	Tier 3 / Stage IIIA Equivalent
CP44 Padfoot Drum	7295 kg (16,083 lb)	1676 mm (66")	75.0	102.0	100.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CS44B Smooth Drum	6943 kg (15,307 lb)	1676 mm (66")	75.0	102.0	100.6	C3.4B	Tier 4 Final / Stage IV
CP44B Padfoot Drum	7228 kg (15,935 lb)	1676 mm (66")	75.0	102.0	100.6	C3.4B	Tier 4 Final / Stage IV
CS533E Smooth Drum	10 840 kg (23,898 lb)	2134 mm (84")	97.0	132.0	130.0	3054C	Tier 2 / Stage IIA Equivalent
CS533E XT Smooth Drum	12 360 kg (27,249 lb)	2134 mm (84")	97.0	132.0	130.0	3054C	Tier 2 / Stage IIA Equivalent
CP533E Padfoot Drum	11 680 kg (25,750 lb)	2134 mm (84")	97.0	132.0	130.0	3054C	Tier 2 / Stage IIA Equivalent
CS54B Smooth Drum	10 555 kg (23,265 lb)	2134 mm (84")	98.0	133.0	131.0	C4.4 ACERT	Tier 4 Final / Stage IV
			96.5	131.2	129.4	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CP54B Padfoot Drum	11 135 kg (24,539 lb)	2134 mm (84")	98.0	133.0	131.0	C4.4 ACERT	Tier 4 Final / Stage IV
			96.5	131.2	129.4	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent

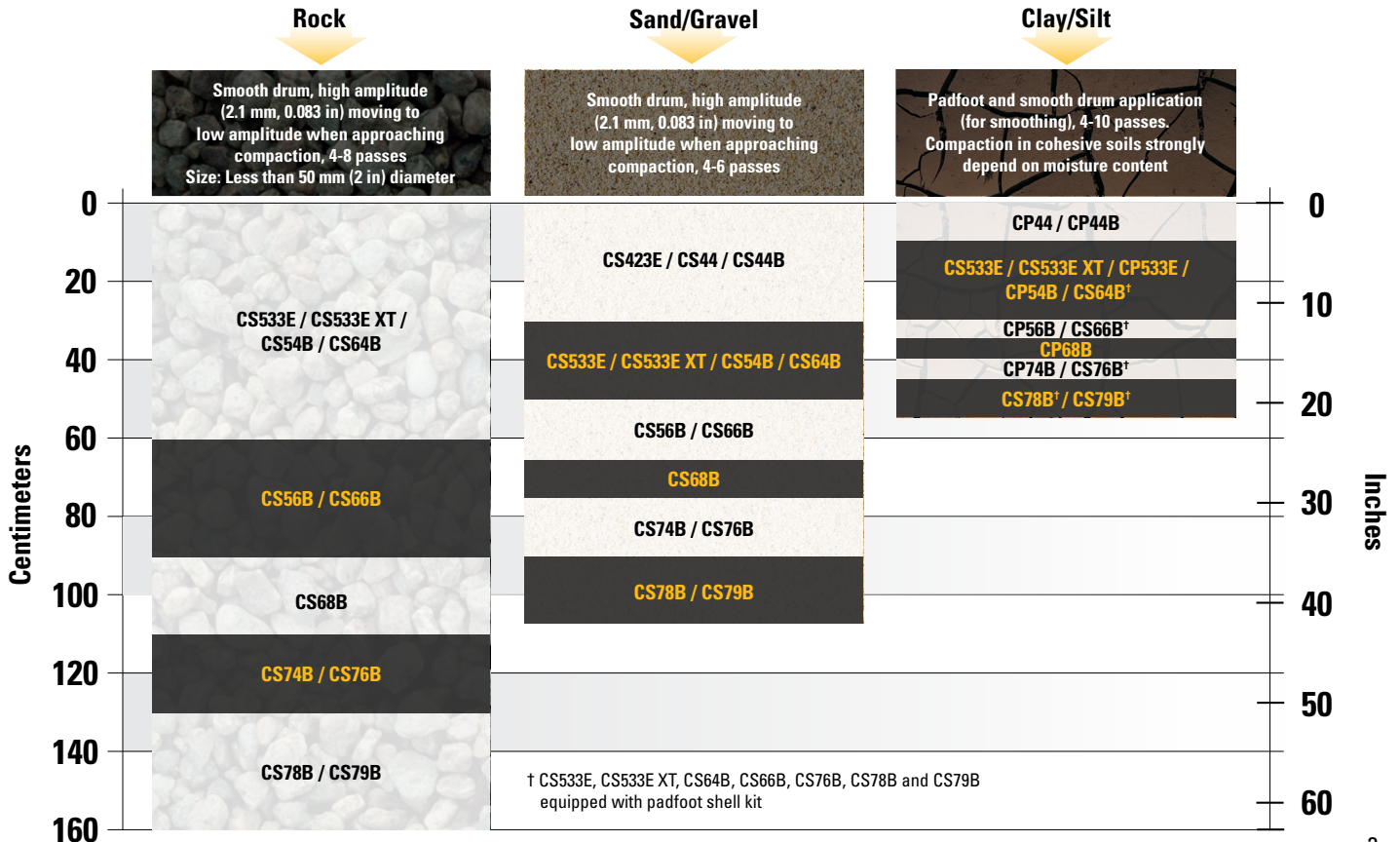
hp (M) = Metric horsepower, hp (I) = Imperial horsepower

Some models are not offered in all areas. For availability please contact your local dealer.

Weights are approximate and may vary by market or with optional equipment. Some configurations are standard in certain markets and optional in others.

The products meet U.S. EPA Tier 4 Final / EU Stage IV emission standards, U.S. EPA Tier 4 Interim / EU Stage IIIB equivalent emission standards, U.S. EPA Tier 3 / EU Stage IIIA equivalent emission standards, or U.S. EPA Tier 2 / EU Stage II equivalent emission standards.

	Operating Weight	Compaction Width	Gross Power			Engine	Emissions Certification
			kW	hp (M)	hp (I)		
CS56B Smooth Drum	11 500 kg (25,346 lb)	2134 mm (84")	117.0	159.0	157.0	C4.4 ACERT	Tier 4 Final / Stage IV
			116.5	158.3	156.0	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CP56B Padfoot Drum	11 665 kg (25,707 lb)	2134 mm (84")	117.0	159.0	157.0	C4.4 ACERT	Tier 4 Final / Stage IV
			116.5	158.3	156.0	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CS64B Smooth Drum	12 055 kg (26,569 lb)	2134 mm (84")	98.0	133.0	131.0	C4.4 ACERT	Tier 4 Final / Stage IV
			96.5	131.2	129.4	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CS66B Smooth Drum	12 360 kg (27,245 lb)	2134 mm (84")	117.0	159.0	157.0	C4.4 ACERT	Tier 4 Final / Stage IV
CS68B Smooth Drum	14 325 kg (31,572 lb)	2134 mm (84")	117.0	159.0	157.0	C4.4 ACERT	Tier 4 Final / Stage IV
			116.5	158.3	156.0	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CP68B Padfoot Drum	14 685 kg (32,370 lb)	2134 mm (84")	117.0	159.0	157.0	C4.4 ACERT	Tier 4 Final / Stage IV
			116.5	158.3	156.0	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CS74B Smooth Drum	16 000 kg (35,264 lb)	2134 mm (84")	129.5	176.1	173.7	C4.4 ACERT	Tier 4 Final / Stage IV
			129.5	176.1	173.7	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CP74B Padfoot Drum	16 355 kg (36,048 lb)	2134 mm (84")	129.5	176.1	173.7	C4.4 ACERT	Tier 4 Final / Stage IV
			129.5	176.1	173.7	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CS76B Smooth Drum	17 445 kg (38,450 lb)	2134 mm (84")	129.5	176.1	173.7	C4.4 ACERT	Tier 4 Final / Stage IV
CS78B Smooth Drum	18 700 kg (41,214 lb)	2134 mm (84")	129.5	176.1	173.7	C4.4 ACERT	Tier 4 Interim / Stage IIIB
			129.5	176.1	173.7	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent
CS79B Smooth Drum	20 200 kg (44,577 lb)	2134 mm (84")	129.5	176.1	173.7	C6.6 ACERT	Tier 3 / Stage IIIA Equivalent



CAT® COMPACTION CONTROL

Cat Compaction Control improves quality and efficiency by providing information that enables the operator to determine when compaction meets specifications. The system can be scaled from a simple real-time compaction readout to a fully featured data mapping capability. Solutions to fit your needs, able to grow with you.

MACHINE DRIVE POWER (MDP)

- An exclusive technology only available from Caterpillar
- Indicates soil stiffness by measuring rolling resistance
- Available on all Cat B-Series vibratory soil compactors—padfoots, smooth drums and smooth drums with padfoot shell kits
- Can be used on all soil types, cohesive and non-cohesive
- Measures what matters, closer to depth of the lift of materials being compacted, around 30-60 cm (1-2 ft) deep
- Measurement depth allows results to be more easily correlated with portable measuring equipment such as plate load tests
- Functions with static or vibrating drum
- Reduces risk of over-compaction when used for proof rolling because it does not require drum vibration

COMPACTION METER VALUE (CMV)

- An accelerometer-based measurement system for granular soils available on smooth-drum soil compactors
- Functioning while the drum vibrates, it measures deep into the ground, typically greater than one meter (3.3 ft) depending on the soil composition, providing a picture of what is beneath the surface
- Can reveal the location of hidden anomalies (such as buried objects, rocks, clay balls) or areas of poor compaction
- Can indicate the need for more moisture to aid compaction

For availability, please contact your local dealer.



GNSS MAPPING

- Provides operator with visual indication of work status
- Maps data to position where it was measured
- Pass count, coverage
- Choose level of accuracy:
 - SBAS or RTK



KEY BENEFITS OF CAT COMPACTION CONTROL TECHNOLOGY

- Helps crews avoid costly rework
- Prevents reliance on operator intuition
- Reduces the need for proof rollers*
- Mapping system can enhance night-time capabilities by providing visual reference of operation*
- Accounts for every square meter/foot on a job site*
- Machine Drive Power works on all compactor configurations and works on all soil types: cohesive, semi-cohesive and granular
- Data tracking helps find hidden efficiencies*

* With GNSS Mapping option



SPECIFICATIONS

	Tractor Weight	Maximum Throughput Capacity	Paving Range	Gross Power			Engine	Emissions Certification
				kW	hp (M)	hp (I)		
AP255E Track	4500 kg (9,921 lb)	73 tonnes/h (80 tph)	0.5 - 3.4 m (6" - 11' 2")	34.1	46.3	45.7	C2.2	Tier 4 Interim / Stage IIIB
AP300D Wheel	6300 kg (13,889 lb)	73 tonnes/h (80 tph)	0.6 - 4.0 m (26" - 13' 1")	55.5	75.5	74.4	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent Equivalent
AP500E Wheel	12 945 kg (28,539 lb)	1087 tonnes/h (1,198 tph)	1.83 - 7.0 m (6' - 23')	106.0	144.0	142.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent Equivalent
AP555E Mobil-Trac™	12 945 kg (28,539 lb)	1087 tonnes/h (1,198 tph)	1.83 - 8.0 m (6' - 26' 4")	106.0	144.0	142.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent Equivalent
AP600F Wheel	13 845 kg (30,522 lb)	1300 tonnes/h 1,433 tph	2.55 - 8.0 m (8' 4" - 26' 4")	129.0	175.0	173.0	C4.4 ACERT	Tier 4 Final / Stage IV
				151.0	205.0	202.0	C7.1 ACERT	Tier 3 / Stage IIIA Equivalent Equivalent
AP655F Mobil-Trac	15 584 kg (34,356 lb)	1300 tonnes/h 1,433 tph	2.55 - 10.0 m (8' 4" - 33')	129.0	175.0	173.0	C4.4 ACERT	Tier 4 Final / Stage IV
				151.0	205.0	202.0	C7.1 ACERT	Tier 3 / Stage IIIA Equivalent
AP655F Steel Track	16 043 kg (35,368 lb)	1300 tonnes/h 1,433 tph	2.55 - 10.0 m (8' 4" - 33')	129.0	175.0	173.0	C4.4 ACERT	Tier 4 Final / Stage IV
				151.0	205.0	202.0	C7.1 ACERT	Tier 3 / Stage IIIA Equivalent
AP1000F Wheel	15 794 kg (34,820 lb)	1602 tonnes/h 1,766 tph	3.0 - 7.65 m (9' 10" - 25')	168.0	228.4	225.0	C7.1 ACERT	Tier 4 Final / Stage IV
AP1055F Mobil-Trac	16 963 kg (37,398 lb)	1602 tonnes/h 1,766 tph	3.0 - 10.0 m (9' 10" - 33')	168.0	228.4	225.0	C7.1 ACERT	Tier 4 Final / Stage IV
				186.0	252.8	249.0	C7.1 ACERT	Tier 3 / Stage IIIA Equivalent

hp (M) = Metric horsepower, hp (I) = Imperial horsepower

Screed selection determines minimum and maximum paving widths.

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INTEGRATED TECHNOLOGY

EASY OPERATION

Auto-Fill Feeder System

- Simplifies starts by alternating the conveyors and augers until the mix height reaches the sensor set point

Single-Touch Feeder System

- Automatically activates the entire feeder system with a single button for better efficiency

One-Touch Hopper Control

- The hopper wings and front hydraulic apron (if equipped) can be folded with a single touch and release
- The system can be tailored to activate left or right wings together or independently, with front hydraulic apron, or all three together

Cleanout/Warmup Mode

- Activates the augers, conveyors, and tamper bar (if equipped) in slow speed, enables the application of release agents to prevent material build-up

Mix Height Adjustment

- Mix height adjustment from the tractor LCD display offers more control, previously only available from the screed



PAVER AND SCREED COMPATIBILITY CHART

	AP255E	AP300D	AP500E	AP555E	AP600F	AP655F	AP1000F	AP1055F
AS3143 Vibratory Screed	●							
AS3173 Vibratory Screed		●						
AS4173 Tamper Screed		●						
AS3251C Vibratory Screed			●	●				
AS4252C Tamper Screed			Requires Tamper Ready Paver	Requires Tamper Ready Paver				
SE50 V Vibratory Screed					●	●		
SE50 VT Tamper Screed					Requires Tamper Ready Paver	Requires Tamper Ready Paver		
SE60 V Vibratory Screed					●	●	●	●
SE60 V XW Vibratory Extra-wide Screed						●	●	●
SE60 VT XW Tamper Extra-wide Screed						Requires Tamper Ready Paver	Requires Tamper Ready Paver	Requires Tamper Ready Paver

Note: Tamper ready pavers are equipped with additional hydraulics including, pump, valve, and hoses to support the tamper bar system.



SCREEDS

SPECIFICATIONS

	Weight	Standard Paving Width	Maximum Paving Width	Minimum Paving Width	Screed Heat
AS3143 Vibratory	700 kg (1,543 lb)	1.4 - 2.6 m (4' 7" - 8' 6")	3.4 m (11' 1")	150 mm (6")	Electric
AS3173 Vibratory	1330 kg (2,932 lb)	1.7 - 3.2 m (5' 7" - 10' 6")	4.0 m (13' 1")	650 mm (26")	Electric
AS4173 Tamper	1800 kg (3,968 lb)	1.75 - 3.4 m (5' 9" - 11' 2")	4.0 m (13' 1")	700 mm (27.5")	Electric
AS3251C Vibratory	2925 kg (6,450 lb)	2.4 - 4.7 m (8' - 15' 6")	6.1 m (20' 2")	1.8 m (6')	Electric
AS4252C Tamper	3200 kg (7,055 lb)	2.55 - 5.0 m (8' 4" - 16' 4")	8.0 m (26' 4")†	2.55 m (8' 4")	Electric
SE50 V Vibratory	3284 kg (7,239 lb)	2.55 - 5.0 m (8' 4" - 16' 4")	6.5 m (21' 4")	2.55 m (8' 4")	Electric
SE50 VT Tamper	3490 kg (7,695 lb)	2.55 - 5.0 m (8' 4" - 16' 4")	8.0 m (26' 4")	2.55 m (8' 4")	Electric
SE60 V Vibratory	3400 kg (7,495 lb)	3.0 - 6.0 m (9' 10" - 19' 6")	7.65 m (25')	3.0 m (9' 10")	Electric
SE60 V XW Vibratory Extra-wide	4070 kg (8,973 lb)	3.0 - 6.0 m (9' 10" - 19' 6")	10.0 m (33')	3.0 m (9' 10")	Electric
SE60 VT XW Tamper Extra-wide	3490 kg (7,695 lb)	3.0 - 6.0 m (9' 10" - 19' 6")	10.0 m (33')	3.0 m (9' 10")	Electric

Maximum paving width with bolt-on extensions.

Minimum paving width with cut-off shoes.

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† 7.00 m (23 ft) maximum paving width with AP500E

CAT GRADE CONTROL

Cat Grade Control is a factory-integrated guidance system that helps remove irregularities from the surface and control mat thickness for increased production, lower operating costs, and higher profitability.

Cat dealers offer exceptional knowledge of the grade and slope system, as well as paver and screed operation, providing a single source that meets all your paving needs.

Note: Cat Pavers are able to utilize a variety of other grade and slope systems to support customer preferences.

USER FRIENDLY

- Operate from any of the two tractor or screed consoles
- Utilize split screen mode to monitor each side of the screed
- On-the-go sensor selection in auto-mode when utilizing the averaging beam, no need to stop and re-calibrate
- Text-based LCD displays provide visual reference
 - Available in multiple languages
 - Brightness and contrast controls for various lighting conditions
 - Previous settings automatically stored, no need to re-configure
- LCD Displays integrate machine settings to keep operator better informed of operating conditions while monitoring grade control

PRECISE CONTROL

- More accurate control maximizes mix utilization and saves money
- True averaging; sonic sensors utilize 5 transducers, 2 readings discarded and 3 averaged
- 10-point Auto-Calibration; eliminates over/under adjustment from single calibration point
- Cross-coupling; slope and elevation maintained with height adjustments
- True 9 m (30') sonic averaging beam; tow point movement is 1/3 of total grade deviation



HIGHLY RELIABLE

- Water-resistant displays
- Factory installed components, consistent routing and location
- Sealed components withstand heat, moisture, and vibration
- Built-in temperature sensors provide better reliability than bail-type sensors
- Lockable enclosure provides vandal protection
- Easy diagnostics, compatible with Cat Electronic Technician

SINGLE SOURCE PROVIDER

- Cat dealers offer complete support of entire system including paver operation, screed setup, application and service training, consulting, and parts support
- No reason to utilize outside suppliers and risk improper setup

TANDEM VIBRATORY ROLLERS

SPECIFICATIONS

	Operating Weight	Compaction Width	Maximum Compaction Width	Gross Power			Engine	Emissions Certification
				kW	hp (M)	hp (I)		
CB44B Solid Drum	9312 kg (20,530 lb)	1500 mm (59")	1500 mm (59")	75.0	102.0	100.6	C4.4 ACERT	Tier 4 Interim / Stage IIIB
				82.1	111.6	110.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CB44B Split Drum	10 470 kg (23,082 lb)	1500 mm (59")	1500 mm (59")	75.0	102.0	100.6	C4.4 ACERT	Tier 4 Interim / Stage IIIB
				82.1	111.6	110.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CB54B Solid Drum	10 453 kg (23,045 lb)	1700 mm (67")	1700 mm (67")	98.0	133.2	131.0	C4.4 ACERT	Tier 4 Interim / Stage IIIB
				96.5	131.0	129.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CB54B Split Drum	12 160 kg (26,808 lb)	1700 mm (67")	1700 mm (67")	98.0	133.2	131.0	C4.4 ACERT	Tier 4 Interim / Stage IIIB
				96.5	131.0	129.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent
CB534D XW	11 740 kg (25,882 lb)	2000 mm (79")	2000 mm (79")	97.0	131.8	130.0	3054C	Tier 2 / Stage IIA Equivalent
CB564D	13 507 kg (29,715 lb)	2130 mm (84")	2130 mm (84")	97.0	131.8	130.0	3054C	Tier 2 / Stage IIA Equivalent
CB64B	13 780 kg (30,380 lb)	2000 mm (79")	2000 mm (79")	106.0	144.1	142.0	C4.4 ACERT	Tier 4 Final / Stage IV
CB66B	14 780 kg (32,584 lb)	2130 mm (84")	2130 mm (84")	106.0	144.1	142.0	C4.4 ACERT	Tier 4 Final / Stage IV
CB68B	15 780 kg (34,789 lb)	2130 mm (84")	2130 mm (84")	106.0	144.1	142.0	C4.4 ACERT	Tier 4 Final / Stage IV
CD44B Solid Drum	7980 kg (17,593 lb)	1500 mm (59")	2820 mm (9' 3")	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB
CD44B Split Drum	9450 kg (20,834 lb)	1500 mm (59")	2820 mm (9' 3")	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB
CD54B Solid Drum	9740 kg (21,475 lb)	1700 mm (67")	3020 mm (10' 10")	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB
CD54B Split Drum	11 440 kg (25,220 lb)	1700 mm (67")	3020 mm (10' 10")	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB

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CAT COMPACTION CONTROL

The optional Cat Compaction Control helps contractors increase efficiency and productivity while recording data for quality control documentation and future planning.



TEMPERATURE SENSORS

- Dual infrared sensors mounted on the front and rear of machine deliver real-time readings
- Keep operator informed of when to begin rolling and when to stop
- Help avoid tender-zones that often occur in the 104°-110° C (219°-230° F) temperature range
- Optimal mat temperatures for compaction
 - Upper limit is around 149° C (300° F)
 - Lower limit is around 85° C (185° F)
- Eliminates hand-held devices

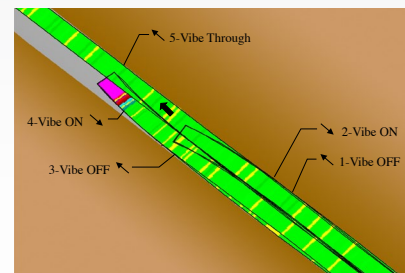
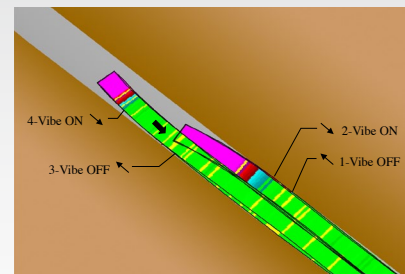
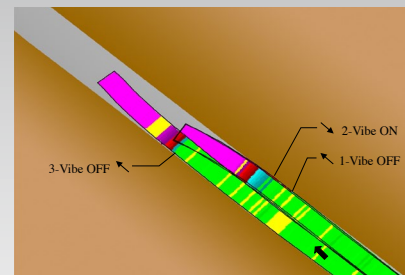
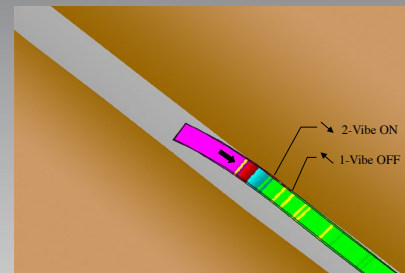
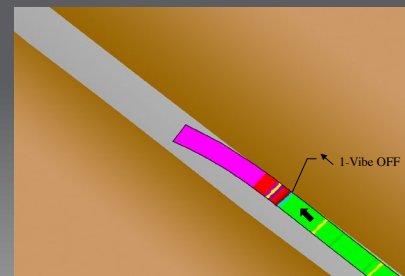
PASS-COUNT MAPPING

- Achieve target density and increase roller efficiency
- Record and monitor pass pattern in order to ensure consistent coverage
- Optimize drum overlap in order to keep pace with the paver
- Simplify nighttime operation
- Eliminate second guessing
- Prevent incomplete passes such as stopping short

TEMPERATURE MAPPING

- Provides a visual readout of mat temperature in order to keep the machine in the proper temperature range
- Records and monitors temperature for future analysis of the proper temperature range

Temperature/Pass Count Mapping



UTILITY ROLLERS

SPECIFICATIONS

	Operating Weight	Operating Width with Ballast	Compaction Width	Gross Power			Engine	Emissions Certification
				kW	hp (M)	hp (I)		
CB14B 900 mm	1485 kg (3,274 lb)	–	900 mm (35")	16.8	22.8	22.5	KDW1003	Tier 4 Final / Stage IV
CB14B 1000 mm	1520 kg (3,351 lb)	–	1000 mm (39")	16.8	22.8	22.5	KDW1003	Tier 4 Final / Stage IV
CB22B	2553 kg (5,629 lb)	–	1000 mm (39")	27.0	36.7	36.2	C1.5	Tier 4 Final / Stage IV
				24.4	33.2	32.7	C1.5	Tier 4 Interim / Stage IIIB
CB24B	2723 kg (6,003 lb)	–	1200 mm (47")	27.0	36.7	36.2	C1.5	Tier 4 Final / Stage IV
				24.4	33.2	32.7	C1.5	Tier 4 Interim / Stage IIIB
CB24B XT	3123 kg (6,885 lb)	–	1200 mm (47")	27.0	36.7	36.2	C1.5	Tier 4 Final / Stage IV
				24.4	33.2	32.7	C1.5	Tier 4 Interim / Stage IIIB
CB32B	2808 kg (6,190 lb)	3208 kg (7,071 lb)	1300 mm (51")	27.0	36.7	36.2	C1.5	Tier 4 Final / Stage IV
				24.4	33.2	32.7	C1.5	Tier 4 Interim / Stage IIIB
CC24B Combi	2441 kg (5,380 lb)	–	1200 mm (47")	27.0	36.7	36.2	C1.5	Tier 4 Final / Stage IV
				24.4	33.2	32.7	C1.5	Tier 4 Interim / Stage IIIB
CB34B	3699 kg (8,155 lb)	4099 kg (9,036 lb)	1300 mm (51")	36.4	49.5	48.8	C2.2	Tier 4 Final / Stage IV
				36.6	49.8	49.1	C2.2	Tier 4 Interim / Stage IIIB
CB34B XW	3803 kg (8,385 lb)	4203 kg (9,267 lb)	1400 mm (55")	36.4	49.5	48.8	C2.2	Tier 4 Final / Stage IV
				36.6	49.8	49.1	C2.2	Tier 4 Interim / Stage IIIB
CC34B Combi	3378 kg (7,446 lb)	–	1300 mm (51")	36.4	49.5	48.8	C2.2	Tier 4 Final / Stage IV
				36.6	49.8	49.1	C2.2	Tier 4 Interim / Stage IIIB

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PNEUMATIC ROLLERS



SPECIFICATIONS

	Operating Weight	Compaction Width	Weight per Wheel	Gross Power			Engine	Emissions Certification
				kW	hp (M)	hp (I)		
CW14	12 940 kg (28,528 lb)	1740 mm (68")	1438 kg (3,170 lb)	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB
CW14 HW	17 273 kg (38,000 lb)	1740 mm (68")	1920 kg (4,233 lb)	75.0	102.0	100.6	C3.4B	Tier 4 Interim / Stage IIIB
PS150C	12 940 kg (28,535 lb)	1743 mm (69")	1438 kg (3,171 lb)	75.0	102.0	100.6	3054C	Tier 2 / Stage IIA Equivalent
PS150 HW	17 273 kg (38,000 lb)	1743 mm (69")	1438 kg (3,171 lb)	75.0	102.0	100.6	3054C	Tier 2 / Stage IIA Equivalent
CW34	27 000 kg (59,525 lb)	2090 mm (82")	3380 kg (7,452 lb)	98.0	133.2	131.0	C4.4 ACERT	Tier 4 Interim / Stage IIIB
				96.5	131.2	129.0	C4.4 ACERT	Tier 3 / Stage IIIA Equivalent

hp (M) = Metric horsepower, hp (I) = Imperial horsepower

Some models are not offered in all areas. For availability please contact your local dealer.

The products meet U.S. EPA Tier 4 Final / EU Stage IV emission standards, U.S. EPA Tier 4 Interim / EU Stage IIIB equivalent emission standards, U.S. EPA Tier 3 / EU Stage IIIA equivalent emission standards, or U.S. EPA Tier 2 / EU Stage II equivalent emission standards.



COLD PLANERS

SPECIFICATIONS

	Weight	Cutting Width	Maximum Cutting Depth	Gross Power			Engine	Emissions Certification
				kW	hp (M)	hp (I)		
PM102 Track	17 600 kg (38,810 lb)	1000 mm (40")	305 mm (12")	168.0	228.0	225.0	C7 ACERT	Tier 3 / Stage IIIA Equivalent
PM102 Wheel	17 100 kg (37,705 lb)	1000 mm (40")	305 mm (12")	168.0	228.0	225.0	C7 ACERT	Tier 3 / Stage IIIA Equivalent
PM200 2.0 m	30 100 kg (66,360 lb)	2010 mm (79")	320 mm (12.6")	429.0	583.0	575.0	C18 ACERT	Tier 3 / Stage IIIA Equivalent
PM200 2.2 m	31 500 kg (69,445 lb)	2200 mm (88")	320 mm (12.6")	429.0	583.0	575.0	C18 ACERT	Tier 3 / Stage IIIA Equivalent

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 The products meet U.S. EPA Tier 4 Final / EU Stage IV emission standards, U.S. EPA Tier 4 Interim / EU Stage IIIB equivalent emission standards,
 U.S. EPA Tier 3 / EU Stage IIIA equivalent emission standards, or U.S. EPA Tier 2 / EU Stage II equivalent emission standards.*

CAT GRADE CONTROL

Cat Grade Control for cold planers is a 2D grade and slope solution featuring easy use, robust components, high accuracy and exceptional reliability. The system provides true averaging for greater accuracy and consistency. The system also enables cross-coupling, a capability that allows the cold planer to adjust depth of cut while maintaining cross slope. This provides smoother, more accurate cuts during changes in grade.

The system utilizes a user-friendly display that features a large backlit screen and intuitive operation. The machine can be controlled by a single display or multiple displays can be positioned around the machine. The split-screen feature allows a single operator to easily monitor both sides of the mill from a single display. Users can choose from multiple languages.

The system can utilize a variety of different sensors. Cat Grade Control is designed for interfacing with sonic sensors, contact sensors, wire rope sensors and slope sensors. A combination of sensors can be used or a single sensor. Sensor configurations are hot swappable, allowing changes to occur while under operation.

EASY TO USE

- Easy setup
- Automatic calibration
- Intuitive display

SINGLE SOURCE SUPPLIER

- Reduced risk
- No questions about where to service
- Optimized for your Cat cold planer

INCREASED RELIABILITY

- Factory installed and sealed components
- Resistant to heat, vibration, moisture
- Built to meet the rigors of milling application environments



PRECISE CONTROL

- Cutting to the proper grade maximizes smoothness and manages material usage
- Typical setup (shown) provides 11 data samples for true averaging, compared with 3 samples from typical competitive systems
- Cross coupling capability improves machine responsiveness, providing superior surface quality and accuracy
- Automatic calibration ensures consistent setup and delivers optimal performance

HIGH VERSATILITY

- Multiple reference sources
- Display can be positioned in multiple locations
- Operator can control and view operation on both sides of machine from a single control box
- Hot swapping capability allows operator to change references while milling
- System is easily upgradeable without upgrading hardware



RECLAIMERS/ STABILIZERS/ ROTARY MIXERS

SPECIFICATIONS

	Maximum Weight	Standard Cutting Width	Gross Power			Engine	Emissions Certification
			kW	hp (M)	hp (I)		
RM300	24 454 kg (53,911 lb)	2438 mm (96")	261	355	350	C11 ACERT	Tier 3 / Stage IIIA Equivalent
RM500B	28 400 kg (62,611 lb)	2438 mm (96")	407	553	546	C15 ACERT	Tier 4 Final / Stage IV
			403	548	540	C15 ACERT	Tier 3 / Stage IIIA Equivalent

*hp (M) = Metric horsepower, hp (I) = Imperial horsepower
Some models are not offered in all areas. For availability please contact your local dealer.
The products meet U.S. EPA Tier 4 Final / EU Stage IV emission standards, U.S. EPA Tier 4 Interim / EU Stage IIIB equivalent emission standards,
U.S. EPA Tier 3 / EU Stage IIIA equivalent emission standards, or U.S. EPA Tier 2 / EU Stage II equivalent emission standards.*

ROTOR SELECTION GUIDE

	Universal 16	Universal 18	Soil	Combination	Spade
Cut Width	2438 mm (96")	2438 mm (96")	2438 mm (96")	2438 mm (96")	2300 mm (90.6")
Rotor Diameter (over bits)	1375 mm (54")	1525 mm (60")	1625 mm (64")	1625 mm (64")	1575 mm (62")
Maximum Depth	406 mm (16")	457 mm (18")	508 mm (20")	508 mm (20")	457 mm (18")
Weight	4080 kg (9,000 lb)	4355 kg (9,600 lb)	3855 kg (8,500 lb)	3085 kg (6,800 lb)	2313 kg (5,100 lb)
Number of Bits	200	200	238	114	58
Bit Impact Spacing	15.9 mm (0.625")	15 mm (0.6")	11.5 mm (0.45")	32 mm (1.25")	171 mm (6.75")
Bit Holders	Bolt-on Breakaway	Bolt-on Breakaway	Weld-on	Bolt-on Breakaway	Weld-on
Bit Shank Diameter	19 mm (3/4")	19 mm (3/4")	19 mm (3/4")	22 mm (7/8")	22 mm (7/8")
Direction of Cut	up	up	up	up	up

ROTOR OPTIONS FOR ROTARY MIXERS

Reclamation Rotors

Universal 18¹
Universal 16

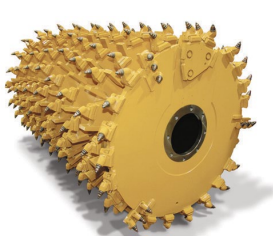
Stabilization Rotors

Soil Rotor¹
Combination Rotor
Spade Rotor²

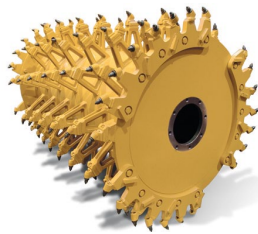
Some rotors not offered in all areas. For availability, please contact your local dealer.

¹ Available on RM500B only

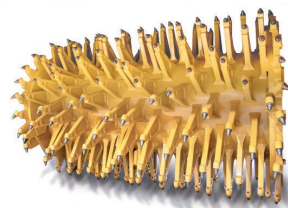
² Available on RM300 only



Universal



Combination



Soil



Spade

ADDITIVE SYSTEM OPTIONS

WATER SPRAY SYSTEM

Water Spray System automates the addition of metered water to the mixing chamber, allowing the machine to easily mix the proper measured amount to the materials. It provides an infinitely variable volume capacity of 114 to 1136 liters (30 to 300 gallons) per minute with two nozzles that provide a high flow range and a low flow range.

For water use only—not for use with emulsions.

ULTRA LOW-FLOW WATER SPRAY SYSTEM

Water Spray System automates the addition of metered water to the mixing chamber, allowing the machine to easily mix the proper measured amount to the materials. It provides an infinitely variable volume capacity of 60 to 600 liters (16 to 160 gallons) per minute with two nozzles that provide a high flow range and a low flow range.

For water use only—not for use with emulsions.

WATER SPRAY AND EMULSION SPRAY SYSTEM

Both Water Spray System and Emulsion Spray Systems installed to allow simultaneous or individual system operation.

EMULSION SPRAY SYSTEM

Emulsion Spray System automates the addition of metered emulsion to the mixing chamber, allowing the machine to easily mix the proper measured amount to the materials. This pump unit provides an infinitely variable volume capacity of 114 to 946 liters (30 to 250 gallons) per minute. Three sets of nozzles on the spray bar ensure proper fan pattern.



TRAINING & SOLUTIONS

Proven to increase profits.

Caterpillar Paving Products is dedicated to providing our customers with quality training and project consulting services. Our classes are taught by qualified instructors who have many years of experience in the paving industry.

We help each crew member understand what their role is and how it affects the paving operation. Providing this type of understanding not only improves efficiency and quality, it also increases your profit.

Fees do apply for training. Contact your local Cat dealer for fee specifics and to schedule training or project consulting for your crew.

FEATURES

- Small classes offer hands-on opportunities
- Consulting solutions to ensure success on the job
- Hundreds of years of industry knowledge and experience worldwide—average of 20 years per person

TRAINING AND PROJECT CONSULTING

TECHNICAL TRAINING

Caterpillar service training courses provide theory and hands-on training for current paving equipment including Cat Pavers, Cold Planers, Reclaimers, Asphalt and Soil Compactors.

Each course is approximately 50/50 classroom and hands-on training. Written and hands-on examinations after each major system ensure course objectives are met throughout the course.

PAVING OPERATIONS TRAINING

Paving Operations Training is a structured four-and-a-half day course that emphasizes the fundamentals of asphalt paving and then builds upon these fundamentals to move into more advanced paving techniques. Classes are kept small in size to offer more hands-on opportunities and time for direct instructor interaction. The daily curriculum includes two hours of classroom training and six hours of hands-on training practicing techniques taught in the classroom.

The primary objective of Paving Operations Training is to prepare attendees to conduct similar training within his or her organization. Each company present receives one training kit, which contains all the training material, outlines, tests and evaluation forms used in the course.

ON-DEMAND CUSTOMIZED TRAINING CLASSES

At times, Cat dealers and customers find it more convenient and economical to conduct dedicated training at their own site. Caterpillar offers training tailored to meet your organization's unique needs and logistical requirements. Caterpillar Service and Operations training can be scheduled on-demand and can include Service or Operations training for Cat Pavers, Cold Planers, Reclaimers, Asphalt and Soil Compactors, or Paving/Compaction Operation Seminars.

On-Demand Training takes place at the location of your choice—including numerous Caterpillar Training Centers, Dealer Training Facilities or customer office/shop locations.

ON-THE-JOB CREW TRAINING FOR PAVING PRODUCTS

Instructors use the same training techniques developed for our smoothness and density studies to achieve improvements in individual and team operational skills and overall paving quality—on-the-job. Training occurs under your real-world project conditions rather than the controlled training environment of a Caterpillar Training facility.

PROJECT CONSULTING FROM CATERPILLAR PAVING

In some parts of the world, paving contracts require strict adherence to smoothness and density specifications and many pay bonuses when meeting or exceeding them. Caterpillar Project Consulting helps contractors achieve quality paving results on every job, every time. Our consultants offer an inclusive environment that is designed to help crews better understand the paving process and help them maximize payout of those challenging performance-based contracts.

Caterpillar Project Consulting teams focus on fine-tuning processes and techniques and finding the root causes that adversely affect smoothness and density. Project Consulting team members provide immediate feedback and guidance on-site that will maximize bonus pay for meeting or exceeding required project specifications.

Our Project Consulting fees are flexible and are negotiated. Straight project fees are agreed upon in advance and are based on the scope and complexity of the project.

Under such benchmark agreements, we offer an implicit guarantee...we put our fees on the line because we are completely confident that our Project Consulting services will achieve the expected value.

A COMPLETE LINE OF SOLUTIONS

Caterpillar manufactures a broad line of compactors, pavement maintenance and paving machinery. Our machines are designed to help you complete your work more efficiently, productively, and effectively.

- Pavers
- Cold Planers
- Combi Rollers
- Pneumatic Rollers
- Rotary Mixers
- Tandem Vibratory Rollers
- Vibratory Soil Compactors

Your Cat dealer is committed to providing the highest level of product support in the industry. For more details, contact your local Cat dealer.

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QEDQ1055-14 (06/15)
Replaces HEDG3489 and QEDQ1460

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