

365C ES

with Extreme Service
Undercarriage

CAT[®]



Cat[®] C15 Engine with ACERT[™] Technology

Net Power (ISO 9249) at 1800 rpm 302 kW/411 hp

Operating Weight 75 100 to 75 800 kg

Maximum Travel Speed 4.1 km/h

Maximum Drawbar Pull 462 kN

365C ES Hydraulic Excavator

High level mass excavation and truck loading performance, improved reliability and durability increase your productivity and lower your operating costs.

Engine

The Cat® C15 engine is a proven high volume engine providing exceptional performance and reliability. Highly acclaimed ACERT Technology is applied to meet emission regulations while still providing excellent fuel efficiency.

Hydraulics

Proportional Priority Pressure Compensated (PPPC) system with state-of-the-art electronic control ensures hydraulic system efficiency and excellent productivity.

Environmentally Responsible Design

Quieter operation, lower engine emissions, less fluid disposal and cleaner service can help you meet or exceed worldwide regulations and protect the environment.

Operator Station

Cab provides improved visibility and comfort. The new monitor is a full-color graphical display with enhanced functionality to provide simple, comprehensive machine interface.

SmartBoom™

More productive. Faster cycle times for truck loading and rock scraping. Maintains optimum hammering frequency for effective, steady productivity.

Electronic Control System

ADEM™ A4 maximizes fuel efficiency and performance by maintaining the optimum balance between engine speed and hydraulic demand.



Structures

Caterpillar design and manufacturing techniques assure outstanding durability and service using thicker plates at the boom foot area to improve rigidity. Includes 385C size track roller frame for robust dependability in most severe underfoot conditions.

Booms, Sticks and Linkage

Caterpillar excavator booms and sticks are built for performance and long service life. Three types of booms and eight sticks are available, offering a range of configurations suitable for a wide variety of applications. All booms and sticks are stress relieved.

Buckets, Quick Coupler, Work Tools

A variety of work tools, including buckets, couplers, hammers, crushers, pulverizers, multiprocessors, shears and grapples are available through Cat Work Tools.

Service and Maintenance

Fast, easy service has been designed in with extended service intervals, advanced filtration, convenient filter access and user-friendly electronic diagnostics for increased productivity and reduced maintenance costs.

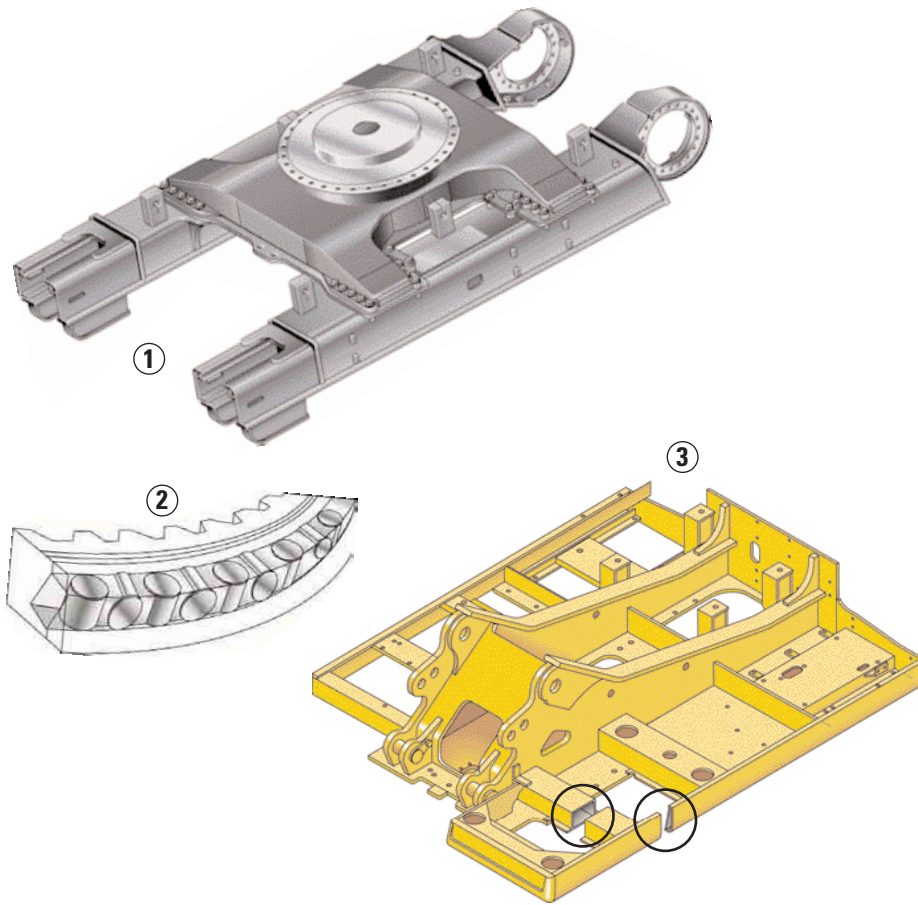
Complete Customer Support

Your Cat dealer offers a wide range of services that can be set up under a customer support agreement when you purchase your equipment. The dealer will help you choose a plan that can cover everything from machine and attachment selection to replacement.



Structures

The 365C ES structural components are the backbone of the machine's durability.



365C ES (Extreme Service).

Undercarriage includes 385C L size track roller frame and moving undercarriage components for robust dependability in the most severe underfoot conditions.

1 Advanced Carbody Design. It stands up in the toughest applications.

- Modified H-shaped, box-section carbody provides excellent resistance to torsional bending.
- Robot-welded track roller frames with fabricated U-section design.
- Robot welding ensures consistent, high-quality welds throughout the manufacturing process.

2 Swing Bearing. Large diameter cross roller bearing offers more contact area than ball bearing design for superior support.

Robot-welded track roller frames. They are press-formed, U-shaped units to deliver exceptional strength and service life.

3 Rugged Main Frame. It is designed for maximum durability and efficient use of materials.

- Heavy Duty Reinforced main frame delivers superior level of durability in rugged applications such as demolition, material handling, quarries, riverbeds, and alpine construction work.
- Robot welding for consistent, high-quality welds.
- Outer frame utilizes curved side rails, which are die-formed, for excellent uniformity and strength throughout the length.
- Box section channels improve upper frame rigidity under the cab.
- Boom tower and one piece main rails are constructed of solid, high-tensile strength steel plates.
- New boom foot design transfers load more efficiently with less stress in critical areas.
- Sheet metal supporting structure is strengthened by integrating the mounting into the upper frame structure.
- Reinforced lift cylinder and swing drive mounts increase structural durability in rock and quarry applications.

Caterpillar Excavator Booms and Sticks.

They are built for performance and long service life.

- All standard application booms and sticks are stress relieved to maximize material strength and durability, while minimizing weight for improved performance and service life.
- Castings and forgings are used at high stress areas such as boom nose, boom foot, boom cylinder and stick foot.
- Large, welded, box-section structures with thick, multi-plate fabrications are also used in high-stress areas.
- Construction allows structures to flex and dissipate stresses.

Extreme Service Undercarriage

Undercarriage includes next size larger components for increased stability and extra rugged reliability in severe applications.

Extreme Service Undercarriage Components. 385C size track roller frame and moving undercarriage components for robust dependability in the most severe underfoot conditions. Increased track length and undercarriage weight improves dynamic stability for lifting heavy loads and working on steep slopes.

Sealed and Lubricated Rollers. Track rollers, carrier rollers and idlers are sealed and lubricated for excellent service life.

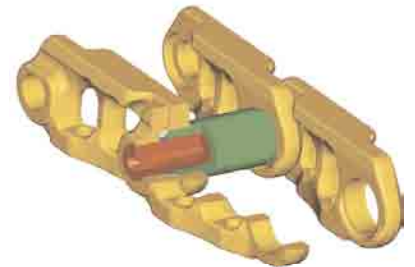
Idler Guards and Track Guides. Idler guards and center track guides used to maintain track alignment are standard. Optional two-piece full-length track guiding guards are available for additional protection on steep side slopes.

Travel Motor. Two-speed axial piston hydraulic motors provide the drive power and automatic speed selection when the high-speed position is selected. This enables the machine to automatically change between computer-controlled high and low speeds depending on drawbar-pull requirements.

Final Drives. The final drives are the three-stage reduction planetary type. This design results in a complete drive/brake unit that is compact and delivers excellent performance and reliability.



Track. The 365C ES comes standard with the new grease lubricated track called GLT4. The track links are assembled and sealed with grease to decrease internal bushing wear, reduce travel noise and extend service life lowering operating costs.



Engine

Caterpillar C15 ACERT Technology	
Net Power at 1800 rpm	
ISO 9249	302 kW/411 hp
80/1269/EEC	302 kW/411 hp
Bore	137 mm
Stroke	171 mm
Displacement	15.2 L

- All engine horsepower (hp) are metric including front page.
- The C15 engine meets Stage IIIA emission requirements.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
- No engine derating required below 2300 m altitude.

Brakes

Meets the standard ISO 10265:1998

Hydraulic System

Main System	
Maximum flow	2 x 400 l/min
Maximum pressure	
Normal	320 bar
Heavy lift	350 bar
Travel	350 bar
Swing	280 bar
Swing System	
Maximum flow	360 l/min
Pilot System	
Maximum flow	90 L/min
Maximum pressure	41 bar
Boom Cylinders	
Bore	190 mm
Stroke	1792 mm
Stick Cylinder	
Bore	200 mm
Stroke	2118 mm
VB Family Bucket Cylinder	
Bore	180 mm
Stroke	1443 mm
WB Family Bucket Cylinder	
Bore	200 mm
Stroke	1457 mm

Sound

Operator Sound

- The operator sound level measured according to the procedures specified in ISO 6394:1998 is 76 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

Exterior Sound

- The labeled spectator sound power level measured according to the test procedures and conditions specified in 2000/14/EC is 107 dB(A).

Cab/FOGS

Cab/FOGS meets ISO 10262.

Machine and Major Component Weights

Actual weights and ground pressures will depend on final machine configuration.

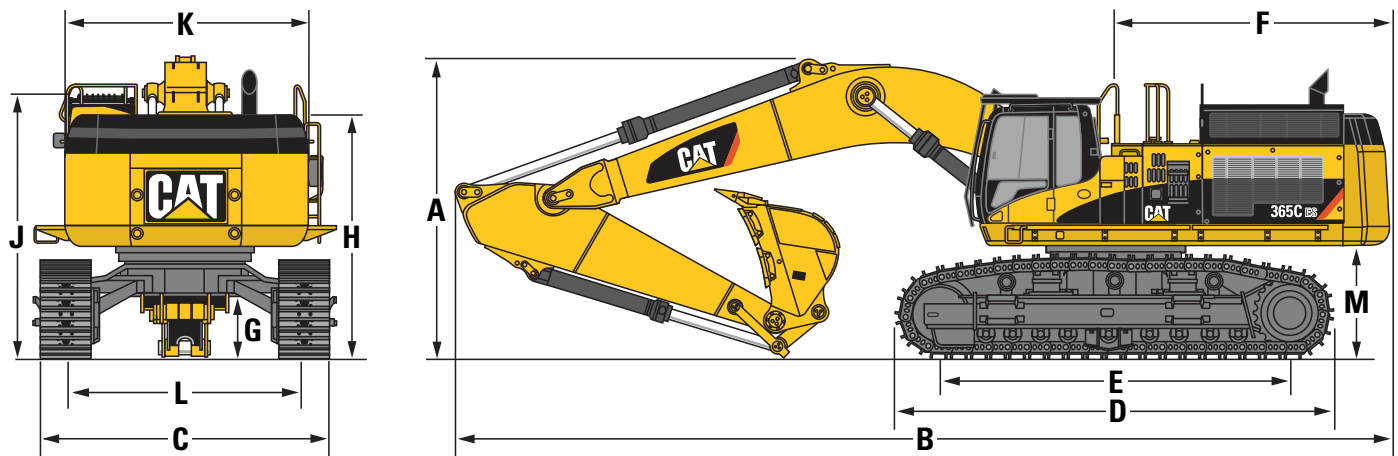
	ME boom 6590 mm		ME boom 7000 mm		Reach boom 7800 mm					
	M2.6WB	M3.0WB	M2.6WB	M3.0WB	R2.6WB	R2.8VB	R3.6VB	R4.2VB	R4.7VB	
Stick type										
Stick length	mm	2570	3000	2570	3000	2570	2840	3600	4150	4670
Bucket weight	kg	4666	4524	4524	4384	4577	3553	3542	2986	2986
Bucket capacity	m ³	4.4	4.0	4.0	3.8	3.8	3.6	3.2	2.6	2.6
Bucket width/type	mm	2000/R	1900/R	1900/R	1800/R	1800/R	1750/R	1950/EX	1500/EX	1500/EX
Operating weight*										
with 650 mm shoes	kg	75 600	75 670	75 720	75 800	75 140	73 710	73 930	73 580	73 740
Ground pressure	bar	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Stick weight (with bucket cylinder)	kg	4050	4230	4050	4230	3764	3370	3580	3800	3980
Boom weight (with stick cylinder)	kg	6420		6720		6400				
Boom cylinders (pair)	kg	1335								
Upperstructure**	kg	17 380								
Undercarriage										
with 650 mm shoes	kg	32 160								
Counterweight	kg	10090								

* With counterweight, operator and full fuel.

** Without counterweight.

Dimensions

All dimensions are approximate.



	mm
A Shipping height (with bucket)	
Mass Excavation boom 6590 mm	
2570 mm stick	4656
3000 mm stick	4745
Mass Excavation boom 7000 mm	
2570 mm stick	4661
3000 mm stick	4751
Reach boom 7800 mm	
2570 mm stick	4175
2840 mm stick	4188
3600 mm stick	4377
4150 mm stick	4606
4670 mm stick	4965

	mm
B Shipping length	
Mass Excavation boom 6590 mm	
2570 mm stick	12 259
3000 mm stick	12 223
Mass Excavation boom 7000 mm	
2570 mm stick	12 677
3000 mm stick	12 638
Reach boom 7800 mm	
2570 mm stick	13 423
2840 mm stick	13 365
3600 mm stick	13 389
4150 mm stick	13 394
4670 mm stick	13 330

	mm
C Track width retracted	
650 mm shoes	3400
D Track length	6360
E Length to centers of rollers	5120
F Tail swing radius	4020
G Ground clearance	902
H Body height	3316
J Cab height	3746
K Body width*	3450
L Track gauge	
extended	3510
retracted	2750
M Counterweight clearance	1606

* No mirrors or handrails

Drive

Maximum Travel Speed	4.1 km/h
Maximum Drawbar Pull	462 kN

Swing Mechanism

Swing Speed	6.5 rpm
Swing Torque	205 kNm

Track

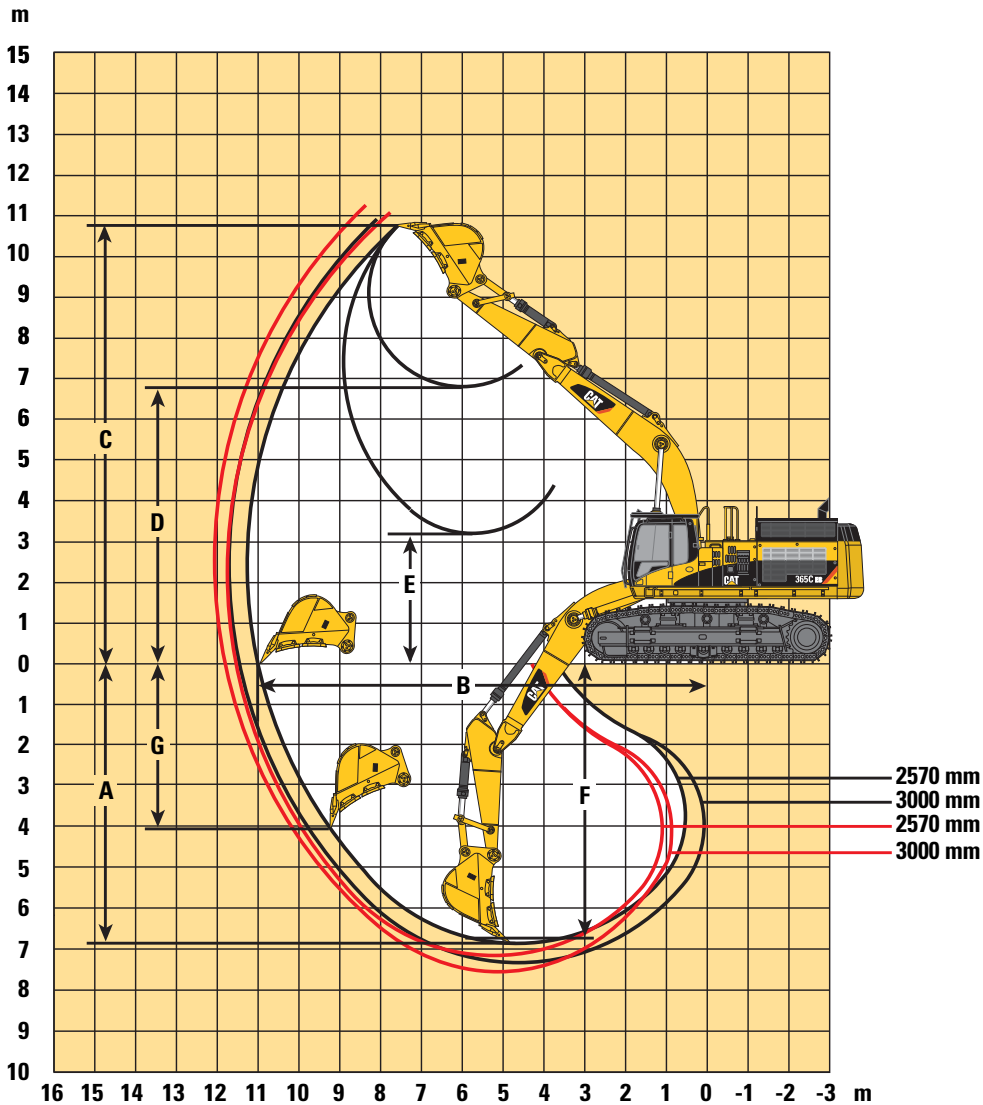
Double grouser track shoes	650 mm
Number of shoes each side	47
Number of rollers each side	8
Number of carrier rollers each side	3

Service Refill Capacities

	Liters
Fuel Tank	800
Cooling System	95
Diesel Engine	54
Swing Drive (each)	12
Final Drive (each)	15
Hydraulic System (including tank)	670
Hydraulic Tank	310

Working Ranges – Mass Booms

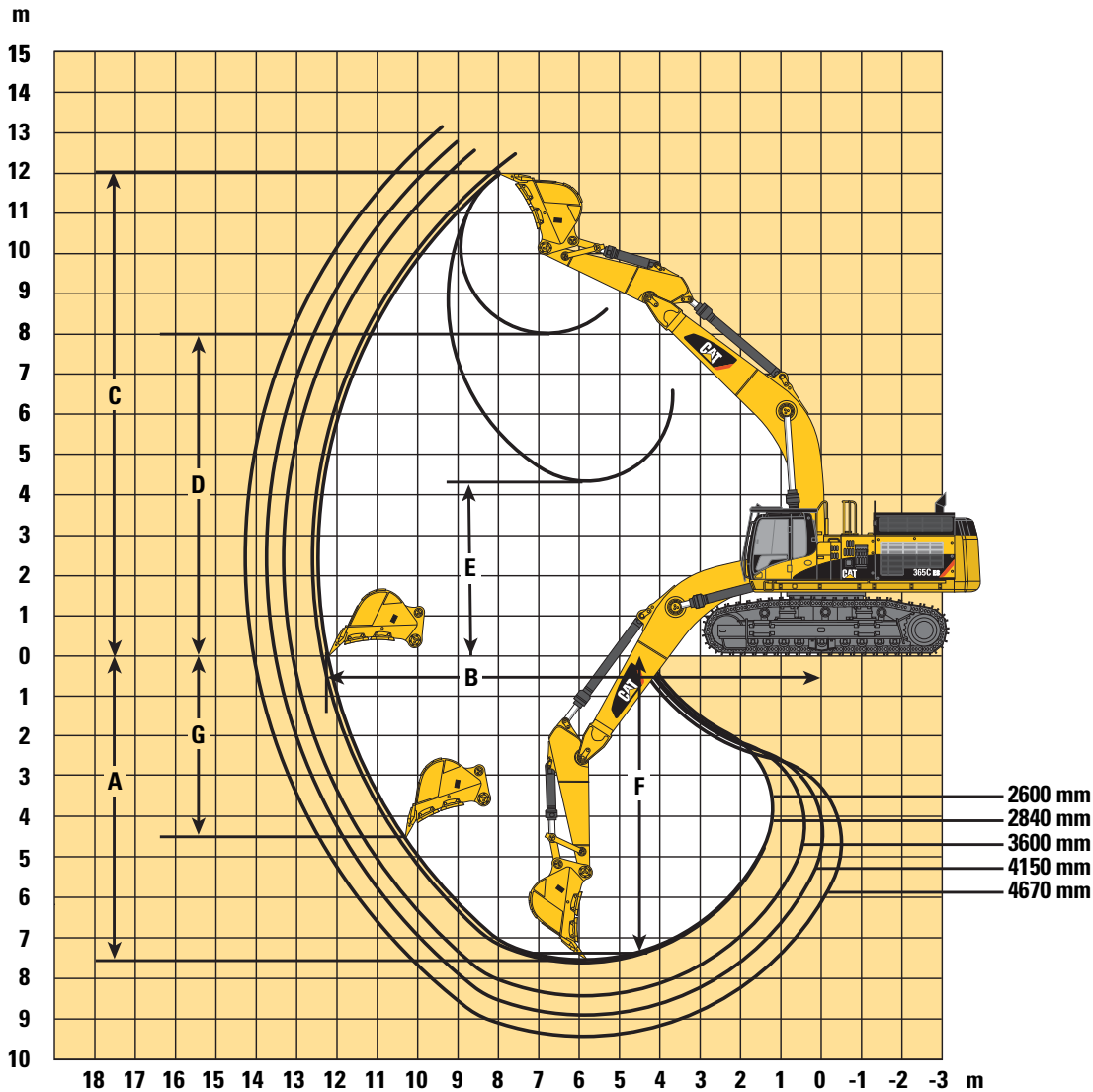
Mass Excavation (ME) boom configuration (6590 mm and 7000 mm)



	ME Boom 6590 mm		ME Boom 7000 mm		
	M2.6WB	M3.0WB	M2.6WB	M3.0WB	
Stick Type					
Stick Length	mm	2570	3000	2570	3000
A Maximum Digging Depth	mm	-6878	-7300	-7163	-7584
B Maximum Reach at Ground Level	mm	11 029	11 425	11 445	11 839
C Maximum Cutting Height	mm	10 750	10 916	11 092	11 259
D Maximum Loading Height	mm	6793	6960	7136	7302
E Minimum Loading Height	mm	3203	2782	3546	3125
F Maximum Digging Depth 2.5 m Level Bottom	mm	-6718	-7154	-7003	-7439
G Maximum Vertical Wall Digging Depth	mm	-4043	-4411	-4228	-4596
Bucket Capacity	m ³	4.4	4.0	4.0	3.8
Bucket radius at Cutting edge	mm	2015	2015	2015	2015
Bucket digging Force (ISO)	kN	336	325	336	325
Stick digging Force (ISO)	kN	309	289	309	289

Working Ranges – Reach Boom

Reach (R) boom configuration (7800 mm)



Stick Type		R2.6WB	R2.8VB	R3.6VB	R4.2VB	R4.7VB
Stick Length	mm	2570	2840	3600	4150	4670
A Maximum Digging Depth	mm	-7538	-7598	-8425	-8908	-9428
B Maximum Reach at Ground Level	mm	12 237	12 357	13 063	13 513	14 059
C Maximum Cutting Height	mm	11 962	12 416	12 524	12 744	13 135
D Maximum Loading Height	mm	7978	8475	8571	8869	9224
E Minimum Loading Height	mm	4346	4286	3460	2976	2458
F Maximum Digging Depth 2.5 m Level Bottom	mm	-7380	-7438	-8288	-8780	-9312
G Maximum Vertical Wall Digging Depth	mm	-4498	-6054	-6495	-6864	-7555
Bucket Capacity	m ³	3.8	3.6	3.2	2.6	2.6
Bucket radius at Cutting edge	mm	2015	1862	1903	1862	1862
Bucket digging Force (ISO)	kN	338	300	285	273	266
Stick digging Force (ISO)	kN	311	289	263	243	229

Bucket Specifications

Without Quick Coupler	Linkage	Width	Weight*	Capacity (ISO)	ME boom 6590 mm			ME boom 7000 mm			Reach boom 7800 mm				
		mm	kg	m³	M2.6WB	M2.6Q	M3.0WB	M2.6WB	M2.6Q	M3.0WB	R2.6WB	R2.8VB	R3.6VB	R4.2VB	R4.7VB
Excavation (X)	VB	1950	3453	3.6	×		×	×	×	×	×				
	WB	1900	3839	4.0								×	×	×	×
	WB	2100	4069	4.6								×	×	×	×
	WB	2300	4299	5.0								×	×	×	×
Extreme Excavation (EX)	VB	1500	2986	2.6	×		×	×	×	×	×				
	VB	1950	3542	3.6	×		×	×	×	×	×				
	WB	1900	3939	4.0								×	×	×	×
	WB	2000	4059	4.2								×	×	×	×
	WB	2200	4297	4.8								×	×	×	×
Rock (R)	VB	1500	3240	2.6	×		×	×	×	×	×				
	VB	1750	3553	3.2	×		×	×	×	×	×				
	WB	1700	4244	3.6								×	×	×	×
	WB	1800	4384	3.8								×	×	×	×
	WB	1900	4524	4.0								×	×	×	×
	WB	2000	4666	4.4								×	×	×	×
	WB	2100	4808	4.6								×	×	×	×
	WB	2200	4948	4.8								×	×	×	×
Heavy Duty Rock (HDR)	WB	1900	5180	4.0								×	×	×	×
	WB	2000	5392	4.4								×	×	×	×
	WB	2100	5552	4.6								×	×	×	×
Maximum load in kg (payload plus bucket)					15 608	15 545	14 435	14 277	14 215	13 235	12 173	12 030	10 960	10 064	9231

With Quick Coupler CW-70															
Rock (R)	VB	1500	3240	2.6	×	×	×	×	×	×	×				
	WB	1700	4244	3.6								×	×	×	×
	WB	1800	4382	3.8								×	×	×	×
	WB	1900	4522	4.0								×	×	×	×
	WB	2000	4664	4.4								×	×	×	×
Heavy Duty Rock (HDR)	WB	1900	5189	4.0								×	×	×	×
	WB	2000	5347	4.4								×	×	×	×
Maximum load in kg (payload plus bucket)					14 288	14 225	13 115	12 957	12 895	11 915	10 853	10 802	9732	8836	8003

* Bucket weight including K series General Duty tip



Max. Material Density 1200 kg/m³



Max. Material Density 1500 kg/m³



Max. Material Density 1800 kg/m³



Not compatible

Work Tools Matching Guide

When choosing between various work tool models that can be installed onto the same machine configuration, consider work tool application, productivity requirements, and durability. Refer to work tool specifications for application recommendations and productivity information.

		Without Quick Coupler									With Quick Coupler CW-70										
		ME boom				Reach boom					ME boom				Reach boom						
		6590		7000		7800					6590		7000		7800						
		WB	WB	WB	WB	WB	VB	VB	VB	VB	VB	WB	WB	WB	WB	WB	VB	VB	VB	VB	VB
Stick length (mm)		2570	3000	2570	3000	2570	2840	3600	4150	4670	2570	3000	2570	3000	2570	2840	3600	4150	4670		
Ripper	TR-70, TR-70 short																				
Multiprocessor	MP40	CC, CR, S										N		N					N	N	
		PS									N		N		N				N	N	
Crusher	VHC-60																			N	
Pulverizer	VHP-60											N		N						N	N
Hydraulic Shear	S365B									N	N	N	N	N		N	N	N	N		
	S365B*																				
Mechanical Grapple	G140																				
Hydraulic Hammer	H180D S																				

* Boom Mounted



360° Working Range



Not recommended

Lift Capacities

All weights are in kg. Heavy lift on.

Mass Boom

6590 mm

Stick

2570 mm

Shoes

















650 mm

Bucket Capacity

4.4 m³

Bucket Weight

4700 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m														*4900	*4900	8.69
7.5 m							*13 520	*13 520						*4610	*4610	9.75
6.0 m					*16 880	*16 880	*14 390	*14 390						*4580	*4580	10.4
4.5 m			*20 090	*27 090	*19 570	*19 570	*15 720	*15 720	*12 390	11 760				*4750	*4750	10.73
3.0 m					*22 190	*22 190	*17 130	16 360	*14 060	11 530				*5120	*5120	10.77
1.5 m			*22 790	*22 790	*23 890	22 960	*18 150	15 750	*14 420	11 270				*5720	*5720	10.55
0 m			*30 280	*30 280	*24 240	22 330	*18 390	15 360	*13 960	11 120				*6670	*6670	10.03
-1.5 m	*22 530	*22 530	*30 810	*30 810	*23 100	22 220	*17 410	15 270						*8010	*8010	9.16
-3.0 m	*33 960	*33 960	*26 480	*26 480	*20 020	*20 020	*13 970	*13 970								
-4.5 m			*18 790	*18 790	*12 800	*12 800										

Mass Boom

6590 mm

Quarry Stick

2570 mm

Shoes

















650 mm

Bucket Capacity

4.4 m³

Bucket Weight

4700 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m														*4880	*4880	8.69
7.5 m							*13 500	*13 500						*4590	*4590	9.75
6.0 m					*16 830	*16 830	*14 340	*14 340						*4560	*4560	10.4
4.5 m			*27 030	*27 030	*19 520	*19 520	*15 670	*15 670	*12 370	11 720				*4730	*4730	10.73
3.0 m					*22 140	*22 140	*17 080	16 320	*14 010	11 490				*5100	*5100	10.77
1.5 m			*22 750	*22 750	*23 830	*22 910	*18 090	15 700	*14 370	11 230				*5710	*5710	10.55
0 m			*30 250	*30 250	*24 180	22 280	*18 330	15 310	*13 940	11 080				*6650	*6650	10.03
-1.5 m	*22 510	*22 510	*30 740	*30 740	*23 040	22 170	*17 350	15 220						*8010	*8010	9.16
-3.0 m	*33 880	*33 880	*26 410	*26 410	*19 960	*19 960	*13 920	*13 920								
-4.5 m			*18 730	*18 730	*12 750	*12 750										

Mass Boom

6590 mm

Stick

3000 mm

Shoes

















650 mm

Bucket Capacity

4.0 m³

Bucket Weight

4550 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m														*4010	*4010	9.19
7.5 m							*12 740	*12 740						*3760	*3760	10.19
6.0 m							*13 630	*13 630	*8710	*8710				*3740	*3740	10.8
4.5 m			*25 260	*25 260	*18 580	*18 580	*15 070	*15 070	*12 960	11 970				*3880	*3880	11.11
3.0 m			*30 840	*30 830	*21 410	*21 410	*16 600	16 510	*13 700	11 660				*4200	*4200	11.16
1.5 m			*27 370	*27 370	*23 450	23 150	*17 820	15 830	*14 270	11 330				*4730	*4730	10.94
0 m			*30 880	*30 880	*24 200	22 380	*18 320	15 350	*14 260	11 110				*5560	*5560	10.45
-1.5 m	*20 980	*20 980	*31 910	*31 910	*23 510	22 120	*17 760	15 170						*6890	*6890	9.63
-3.0 m	*33 830	*33 830	*28 150	*28 150	*21 060	*21 060	*15 390	15 350								
-4.5 m	*28 100	*28 100	*21 520	*21 520	*15 560	*15 560										

Mass Boom

7000 mm

Stick

2570 mm

Shoes

















650 mm

Bucket Capacity

4.0 m³

Bucket Weight

4550 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m														*4920	*4920	9.23
7.5 m							*13 170	*13 170						*4700	*4700	10.22
6.0 m					*17 000	*17 000	*14 160	*14 160	*11 320	*11 320				*4700	*4700	10.83
4.5 m					*19 730	*19 730	*15 560	*15 560	*13 100	11 850				*4880	*4880	11.13
3.0 m					*22 210	*22 210	*16 950	16 170	*13 790	11 520				*5240	*5240	11.18
1.5 m					*23 660	22 430	*17 910	15 510	*14 230	11 200				*5810	*5810	10.96
0 m			*21 720	*21 720	*23 790	21 850	*18 130	15 100	*14 090	10 990				*6700	*6700	10.47
-1.5 m	*18 200	*18 200	*29 560	*29 560	*22 630	21 770	*17 320	14 990						*8080	*8080	9.65
-3.0 m	*31 440	*31 440	*25 680	*25 680	*19 930	*19 930	*14 820	*14 820								
-4.5 m			*19 250	*19 250	*14 480	*14 480										



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

* Limited by hydraulic rather than tipping load.

The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO/DIS 10567, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Lift Capacities

All weights are in kg. Heavy lift on.

Mass Boom

7000 mm

Quarry Stick

2570 mm

Shoes
















650 mm

Bucket Capacity

4.0 m³

Bucket Weight

4550 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m														*4910	*4910	9.23
7.5 m							*13 120	*13 120						*4680	*4680	10.22
6.0 m					*16 960	*16 960	*14 110	*14 110	*11 290	*11 290				*4690	*4690	10.83
4.5 m					*19 670	*19 670	*15 510	*15 510	*13 050	11 810				*4860	*4860	11.13
3.0 m					*22 150	*22 150	*16 900	16 130	*13 740	11 480				*5220	*5220	11.18
1.5 m					*23 600	22 370	*17 860	15 460	*14 180	11 150				*5800	*5800	10.96
0 m			*21 700	*21 700	*23 730	21 790	*18 070	15 050	*14 040	10 950				*6680	*6680	10.47
-1.5 m	*18 170	*18 170	*29 480	*29 480	*22 570	21 720	*17 260	14 940						*8070	*8070	9.65
-3.0 m	*31 350	*31 350	*25 610	*25 610	*19 870	*19 870	*14 770	*14 770								
-4.5 m			*19 180	*19 180	*14 430	*14 430										

Mass Boom

7000 mm

Stick

3000 mm

Shoes
















650 mm

Bucket Capacity

3.8 m³

Bucket Weight

4410 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
9.0 m							*10 050	*10 050						*4050	*4050	9.71
7.5 m							*12 390	*12 390						*3850	*3850	10.64
6.0 m							*13 460	*13 460	*11 920	*11 920				*3850	*3850	11.22
4.5 m			*26 290	*26 290	*18 790	*18 790	*14 950	*14 950	*12 640	12 010				*4010	*4010	11.52
3.0 m					*21 490	*21 490	*16 460	16 320	*13 440	11 620				*4320	*4320	11.56
1.5 m					*23 280	22 630	*17 600	15 580	*14 040	11 240				*4830	*4830	11.36
0 m			*22 750	*22 750	*23 810	21 890	*18 060	15 090	*14 150	10 970				*5610	*5610	10.89
-1.5 m	*17 300	*17 300	*30 800	*30 800	*23 040	21 670	*17 570	14 890	*13 340	10 890				*6820	*6820	10.11
-3.0 m	*28 910	*28 910	*27 320	*27 320	*20 820	*20 820	*15 700	15 020								
-4.5 m	*27 330	*27 330	*21 590	*21 590	*16 360	*16 360										

Reach Boom

7800 mm

Stick

2600 mm

Shoes
















650 mm

Bucket Capacity

3.8 m³

Bucket Weight

4410 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
10.5 m														*6710	*6710	8.88
9.0 m							*12 430	*12 430						*6290	*6290	10.21
7.5 m							*13 090	*13 090	*11 600	*11 600				*6170	*6170	11.08
6.0 m			*24 930	*24 930	*17 930	*17 930	*14 320	*14 320	*12 130	12 050				*6230	*6230	11.63
4.5 m					*20 610	*20 610	*15 750	*15 750	*12 890	11 690				*6470	*6470	11.92
3.0 m					*22 630	22 180	*16 990	15 520	*13 590	11 260	*11 230	8220	*6890	6330	11.95	
1.5 m					*23 320	21 170	*17 710	14 860	*14 010	10 890	*11 240	8080	*7510	6450	11.76	
0 m					*22 820	20 840	*17 700	14 500	*13 940	10 660			*8430	6960	11.31	
-1.5 m			*19 120	*19 120	*21 380	20 940	*16 850	14 440	*13 100	10 630			*8600	8030	10.57	
-3.0 m			*22 730	*22 730	*18 890	*18 890	*14 910	14 660								
-4.5 m			*17 780	*17 780	*14 810	*14 810	*10 920	*10 920								

Reach Boom

7800 mm

Stick

2840 mm

Shoes
















650 mm

Bucket Capacity

3.6 m³

Bucket Weight

3550 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m				m	
																
10.5 m														*6730	*6730	9.2
9.0 m							*13 070	*13 070						*6290	*6290	10.48
7.5 m							*13 750	*13 750	*12 370	*12 370				*6120	*6120	11.33
6.0 m			*25 010	*25 010	*18 460	*18 460	*15 020	*15 020	*12 940	*12 940				*6140	*6140	11.87
4.5 m					*21 300	*21 300	*16 540	*16 540	*13 750	12 620	*11 930	9330	*6300	*6300	12.15	
3.0 m					*23 610	23 470	*17 910	16 530	*14 520	12 190	*12 230	9170	*6630	*6630	12.19	
1.5 m					*24 620	22 460	*18 770	15 880	*15 030	11 820	*12 340	9000	*7130	7070	12	
0 m					*24 340	22 060	*18 900	15 500	*15 060	11 570	*11 940	8900	*7890	7530	11.58	
-1.5 m			*18 280	*18 280	*23 040	22 070	*18 180	15 390	*14 370	11 500			*9010	8490	10.88	
-3.0 m	*19 690	*19 690	*25 270	*25 270	*20 670	*20 670	*16 410	15 540	*12 400	11 660			*6680	*6680	9.83	
-4.5 m			*20 330	*20 330	*16 780	*16 780	*12 830	*12 830								

Lift Capacities

All weights are in kg. Heavy lift on.

Reach Boom

7800 mm

Stick

3600 mm

Shoes

















650 mm

Bucket Capacity

3.2 m³

Bucket Weight

3565 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m					
															m	
10.5 m														*5730	*5730	10.08
9.0 m									*10 590	*10 590				*5420	*5420	11.23
7.5 m									*11 280	*11 280				*5320	*5320	12.01
6.0 m							*13 810	*13 810	*12 000	*12 000	*10 820	9660		*5380	*5380	12.51
4.5 m					*19 660	*19 660	*15 460	*15 460	*12 940	12 790	*11 270	9490		*5580	*5580	12.77
3.0 m					*22 390	*22 390	*17 060	16 790	*13 880	12 300	*11 760	9240		*5920	*5920	12.82
1.5 m					*24 090	22 850	*18 240	16 030	*14 610	11 850	*12 110	8990		*6430	6320	12.64
0 m			*11 490	*11 490	*24 520	22 170	*18 760	15 520	*14 930	11 520	*12 130	8820	*7190	6680	12.24	
-1.5 m	*9380	*9380	*18 780	*18 780	*23 830	21 950	*18 490	15 270	*14 660	11 350	*11 520	8760	*8290	7410	11.59	
-3.0 m	*17 820	*17 820	*26 910	*26 910	*22 060	*22 060	*17 300	15 290	*13 510	11 380			*7820	*7820	10.63	
-4.5 m	*26 490	*26 490	*23 920	*23 920	*18 980	*18 980	*14 790	*14 790					*5000	*5000	9.26	
-6.0 m			*17 350	*17 350	*13 770	*13 770	*9520	*9520								

Reach Boom

7800 mm

Stick

4150 mm

Shoes



















650 mm

Bucket Capacity

2.6 m³

Bucket Weight

3000 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m					
																	m	
10.5 m																*5100	*5100	10.75
9.0 m											*10 180	*10 180				*4840	*4840	11.82
7.5 m											*10 890	*10 890	*8890	*8890		*4750	*4750	12.56
6.0 m									*13 230	*13 230	*11 660	*11 660	*10 600	10 150		*4800	*4800	13.03
4.5 m					*25 800	*25 800	*18 680	*18 680	*14 950	*14 950	*12 670	*12 670	*11 140	9910		*4960	*4960	13.28
3.0 m							*21 670	*21 670	*16 690	*16 690	*13 710	12 690	*11 730	9610		*5250	*5250	13.32
1.5 m							*23 800	23 420	*18 080	16 430	*14 580	12 190	*12 210	9320		*5690	*5690	13.16
0 m					*13 220	*13 220	*24 730	22 560	*18 870	15 830	*15 090	11 800	*12 420	9090		*6320	*6320	12.78
-1.5 m			*9600	*9600	*18 670	*18 670	*24 480	22 180	*18 910	15 500	*15 070	11 570	*12 150	8960		*7250	7040	12.16
-3.0 m	*12 690	*12 690	*16 430	*16 430	*26 470	*26 470	*23 150	22 160	*18 080	15 420	*14 300	11 520	*10 970	9000		*8650	8150	11.26
-4.5 m			*24 690	*24 690	*26 470	*26 470	*20 590	*20 590	*16 110	15 580	*12 310	11 690				*6780	*6750	10
-6.0 m			*26 060	*26 060	*20 660	*20 660	16 260	*16 260	*12 240	*12 240								

Reach Boom

7800 mm

Stick

4670 mm

Shoes





















650 mm

Bucket Capacity

2.6 m³

Bucket Weight

3000 kg

	1.5 m		3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m						
																			m		
10.5 m																			*4290	*4290	11.43
9.0 m													*6740	*6740					*4050	*4050	12.43
7.5 m													*9790	*9790	*8750	*8750			*3950	*3950	13.13
6.0 m											*10 940	*10 940	*10 000	*10 000	*5880	*5880			*3970	*3970	13.58
4.5 m							*17 340	*17 340	*14 060	*14 060	*12 000	*12 000	*10 610	9980	*7960	7530			*4090	*4090	13.82
3.0 m							*20 530	*20 530	*15 910	*15 910	*13 130	12 780	*11 280	9650	*9300	7370			*4320	*4320	13.86
1.5 m							*23 020	*23 020	*17 490	16 560	*14 120	12 230	*11 860	9310	*10 080	7190			*4670	*4670	13.7
0 m					*13 400	*13 400	*24 370	22 680	*18 510	15 870	*14 800	11 790	*12 220	9040	*9690	7050			*5180	*5180	13.34
-1.5 m			*8620	*8620	*17 470	*17 470	*24 560	22 140	*18 830	15 440	*14 990	11 490	*12 180	8860					*5920	*5920	12.76
-3.0 m	*10 670	*10 670	*14 380	*14 380	*23 850	*23 850	*23 640	22 000	*18 320	15 280	*14 520	11 370	*11 470	8820					*7030	*7030	11.91
-4.5 m	*16 480	*16 480	*21 400	*21 400	*28 220	*28 220	*21 550	*21 550	*16 790	15 350	*13 070	11 450							*7660	*7660	10.74
-6.0 m			*26 960	*26 960	*23 100	*23 100	*17 910	*17 910	*13 750	*13 750	*9620	*9620									
-7.5 m							*11 610	*11 610													



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

* Limited by hydraulic rather than tipping load.

The above loads are in compliance with hydraulic excavator lift capacity ratings standard ISO/DIS 10567, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

Standard Equipment

Standard equipment may vary. Consult your Caterpillar dealer for specifics.

Electrical

Alternator, 75 A
Lights: Cab interior
Signal/warning horn

Engine/Power Train

Automatic engine speed control
Automatic swing parking brake
Automatic travel parking brakes
Caterpillar C15 ATAAC
with ACERT technology,
EU Stage IIIA emission compliant
Altitude capability to 2300 m
without derating
High ambient cooling, 50° C capability
Side-by-side cooling system with
separately mounted AC condenser
and variable speed fan
Two speed travel
Water separator, with level indicator,
for fuel line

Guards

Heavy duty bottom guards on upper
frame
Heavy duty swivel guard on
undercarriage
Heavy duty travel motor guards on
undercarriage

Operator Station

Air conditioner, heater and defroster
with automatic climate control
Ashtray and 24 volt lighter
Beverage/cup holder
Coat hook
Console mounted electronic type
joysticks with adjustable gain and
response
Floor mat
Instrument panel and gauges with full
color graphical display
Literature compartment
Neutral lever (lock out) for all controls
Positive filtered ventilation
Pressurized cab
Retractable seat belt 50 mm width
Stationary skylight (polycarbonate)
Sunshade for windshield and skylight
Travel control pedals with removable
hand levers
Windshield wipers and washers (upper
and lower)

Undercarriage

Double grouser shoes,
650 mm width, heavy duty
Grease lubricated track
Hydraulic track adjusters
Idler and center section track guards
Long, variable gauge
Steps – four

Other Standard Equipment

Auxiliary hydraulic valve for hydro-
mechanical tools
Caterpillar one key security system with
locks for doors, cab and fuel cap
Cat walks – left side and right side
Cross-roller type swing bearing
Drive for auxiliary pump
Hand control pattern changer
Heavy lift mode
Mirrors – left and right
S•O•S quick sampling valves for engine
oil and hydraulic oil
Steel firewall between engine and
hydraulic pumps
Wiring provisions for Product Link,
Auto-lube System and lighted beacon

Optional Equipment

Optional equipment may vary. Consult your Caterpillar dealer for specifics.

Front Linkage

Bucket linkages

- VB-family for VB sticks
(available with or without lifting eye)
- WB-family for WB sticks
(available with or without lifting eye)

Buckets – see chart pg.10

Booms (with two working lights)

- Mass excavation
 - 6590 mm
 - 7000 mm
- Reach
 - 7800 mm

Sticks

- For mass boom
 - M2.6WB (2570 mm)
 - M2.6WB (2570 mm) Quarry
 - M3.0WB (3000 mm)
- For reach boom
 - R2.6VB (2570 mm)
 - R2.8VB (2840 mm)
 - R3.6VB (3600 mm)
 - R4.2VB (4150 mm)
 - R4.7VB (4670 mm)

Tips, sidecutters and edge protectors

Track

Double grouser, heavy duty

- 650 mm
- 650 mm clipped
- 900 mm

Extreme Service undercarriage package

Guards

- FOGS (Falling Object Guard System)
including overhead and windshield guards
- Track guiding guards – full length
- Wire mesh screen for windshield

Auxiliary Controls and Lines

- Auxiliary boom lines (high pressure
for reach and mass booms)
- Auxiliary stick lines (high pressure
for reach and mass booms)
- Basic control arrangements:
 - Single action – one way high pressure
circuit for hammer application
 - Combined function – one way high
pressure circuit for hammer
application function for 1-way
or 2-way high pressure
- Medium pressure circuit

Miscellaneous Options

- Boom lowering control device with
SmartBoom
- Cab front rain protector
- Converters, 12V/7A
 - One
 - Two
- Electric refueling pump
- Fine filtration filter
- Jump start terminals
- Reversible cooling fan including
protective screen
- Starting aid for cold weather with ether
- Stick lowering control device
- Travel alarm with cut off switch

Operator Compartment

Joysticks

- Four button joystick for standard
machine or single action auxiliary
control
- Thumb wheel modulation joystick
for use with combined auxiliary
control

Lunch box storage with lid

Machine security system with programmable keys

Radio

- AM/FM radio mounted in right hand
console with antenna and two
speakers
- Radio ready mounting at rear location
including 24V to 12V converter
speakers, antenna

Seat

- Adjustable high-back seat with
mechanical suspension
- Adjustable high-back seat with air
suspension
- Adjustable high-back heated seat with
air suspension

Straight travel pedal

Windshield

- 1-piece standard duty
- 1-piece high impact resistant
- 50-50 split, 70-30 split, sliding

365C Hydraulic Excavator with Extreme Service Undercarriage (ES)

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

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

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