



385B L

Ultra-high Demolition



Cat® 3456 ATAAC diesel engine

Flywheel power

382 kW/513 hp

Operating weight

with 30 m UHD front parts

92 400 kg

with 33 m UHD front parts

93 300 kg

with 36 m UHD front parts

94 900 kg

with 40 m UHD front parts

97 000 kg

Undercarriage and Structures

Durable undercarriage absorbs stresses and provides excellent stability.



Carbody. To meet transportation requirements, the 385B L undercarriage is of a variable gauge type. This design allows the track roller frames to be bolted to the carbody, enabling the machine to be made narrower for ease of transport. The carbody utilizes a new columnless design which allows the swing bearing to be directly mounted on the top plate for more rigidity and strength.

Track. The track links are sealed to prevent entry of dirt and are struttied for high strength and impact resistance. Three choices of shoe width are available. All are heavy-duty double grouser type.

Track Rollers. Track rollers are heavy-duty type with increased strength for longer life. They also use solid pins for retention of the collars for a more secure design.

Travel Motors. Two-speed axial piston hydraulic motors provide the 385B L drive power. Speed selection is automatic when the high-speed position is selected. Travel motors have internal disk brakes to hold the machine when stationary. The travel motors are protected from damage by rigid covers.

Final Drives. The final drives are a new compact design with three-stage planetary reduction. They incorporate the latest seal technology to prevent entry of dirt and loss of oil.

Upper Frame. The rugged main frame is designed for maximum durability and efficient use of materials. Robot welding is used for consistent, high-quality welds. The main channels are box sections connected by a large diameter tube in the boom foot area to improve rigidity and strength. The outer frame utilizes curved side rails for rigidity against bending and torsional loads.

Hydraulics

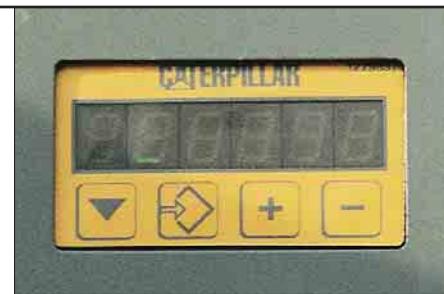
Auxiliary flow is programmable for ease of switching hydraulic tools.

Control responsiveness. Dramatically increased control responsiveness aids operation and improves controllability at higher heights.

- Control movements are better matched to hydraulic action for improved operator performance.
- Improved swing damping restrains drift and improves positioning reducing operator fatigue.
- Pilot pump flow is dramatically increased for superior multi-function actuation control.

Swing control. Fine swing control cushions swing start and stop for better implement control.

Auxiliary hydraulic flow control system. It provides four programmable flow presets to precisely match hydraulic tool requirements. 2 presettings are available for 2-way hydraulic tools such as rotating crushers and steel shears; the other 2 available presettings are reserved for 1-way hydraulic tools such as hammers.



Operator Station

Designed for comfort and ease of operation.



Falling Object Guard. An ISO 10262:1998 certified falling object guard on top and front of the cab is standard. The cross-bars of the top guard are angled in line with the operator's sight for enhanced visibility of the work tool. The front guard swings out for easier windshield cleaning.

Ergonomic Control Placement.

The operator work station is quiet with ergonomic control placement and convenient adjustments, low lever and pedal effort, ergonomic seat design and highly efficient ventilation.

The result is a cab that puts the operator firmly and comfortably in control to enhance productivity.

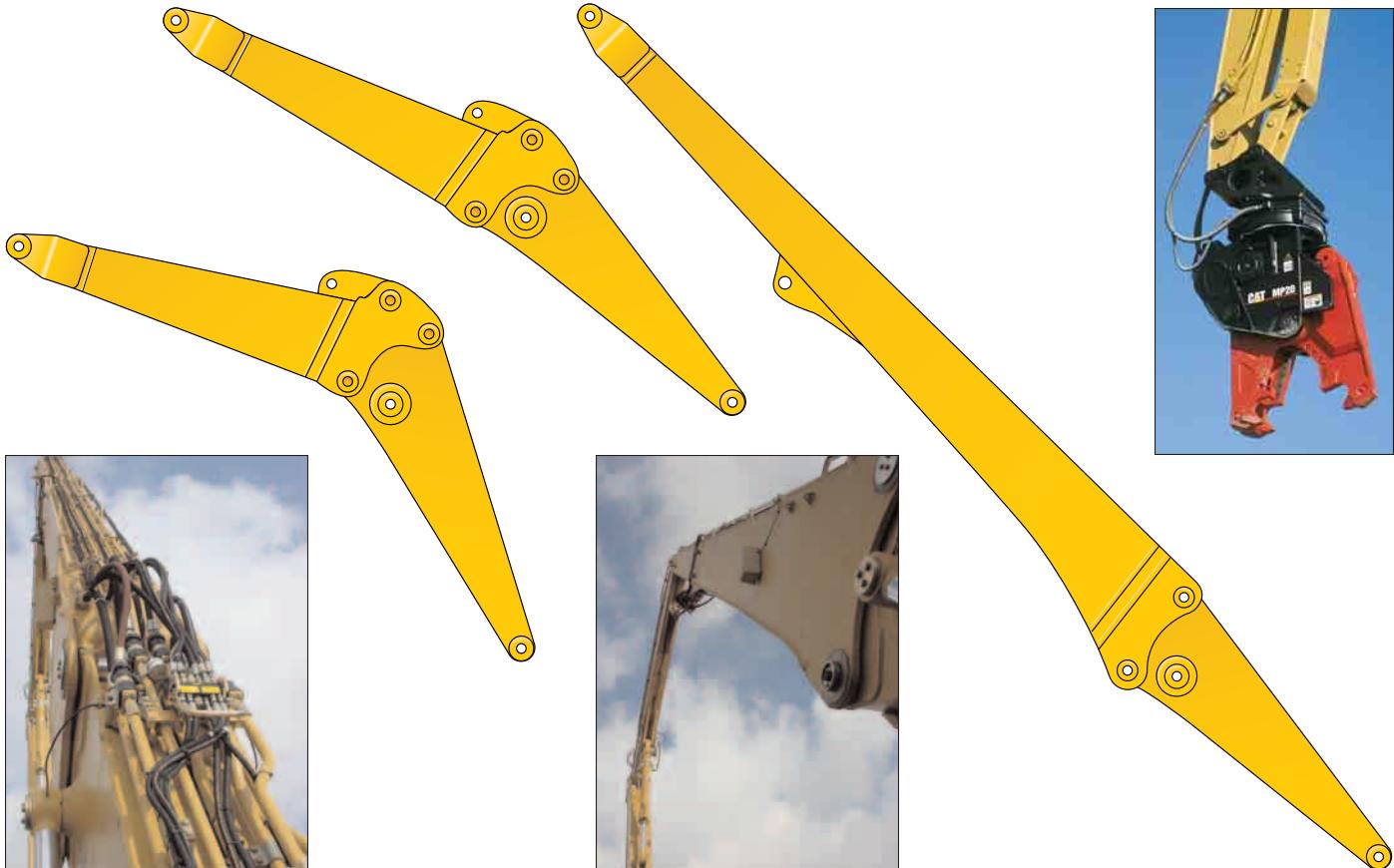
High Visibility Cab. The front window is one-piece and flat with top and bottom mounted wipers. High visibility cab with the front window made out of laminated safety glass. For enhanced upward visibility the increased impact resistant top window extends completely to the front and has a wiper and washer. The upper left side door window can slide open. The lower window provides visibility to the tracks and to the ground next to the machine. The rear window offers a good view behind and to the left, aided by a lower hood profile.

Hydraulically Tilting Cab Support.

Hydraulically tilting cab support allows the cab to be tilted back from 0 to 25 degrees to further improve upward visibility. This feature allows the operator to adopt a more comfortable body position. The tiltable cab is integrated in the upper frame so that tilt parts are not exposed to the demolition environment.

Booms, Sticks and Work Tools

Maximum versatility gets the best out of your machine.



Boom Hook System. The front parts are equipped with a reliable and safe hook system between the boom foot and boom nose. Compared to the traditional pin-mounted joint, the hook system significantly reduces the time needed to change between the Ultra-high front parts and the short retrofit configuration. In principle, the boom hook system consists of a hook system to pick up the front parts and a mechanical expander pin to secure these front parts onto the boom foot. The absence of any hydraulic parts, as well as a full length heavy duty one-piece securing pin, ensures a safe and reliable operation. The operator has an excellent view of the hook system from the cab to ease changing the front parts.

Special Stand. Special stand to support long boom or short retrofit boom when changing configuration.

Dedicated Ultra-High Demolition Linkage.

Because Ultra-high demolition applications require a different working envelop than standard applications, a purpose designed linkage is standard on the Ultra-high demolition front parts. Besides providing an optimized working envelop, this linkage also greatly improves controllability in nearly every position.

Hydraulic Quick Disconnects.

The hydraulic lines between boom foot and boom nose are fitted with hydraulic quick disconnects to even further reduce the time needed to change the front parts. Oil spillage and contamination is reduced thanks to the quick disconnects flat-face design.

SmartBoom™. The Caterpillar exclusive SmartBoom device is included in the standard arrangement.

Lowering Control Devices.

For increased safety and controllability lowering control devices are installed on all boom and stick cylinders.

Electronic Warning Device.

An electronic warning device signals the operator when the main boom gets out of the recommended working range.

Tool Cylinder Protection. The tool cylinder is protected against falling debris by a heavy duty sheet metal cover to prevent cylinder rod damage and increase uptime.

Work Tools. Choose from a variety of Caterpillar work tools such as multi-processors, concrete crushers and pulverizers or steel shears.

Please refer to pg. 5 for the matching guide.

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		T linkage	UHD linkage		
		30 m	33 m	36 m	40 m
Multi-Processors	MP15 CC, CR	×			
	MP15 PP, S	×			
	MP20 CC, CR	×			×
	MP20 PP, S, TS	×			×
	MP30 CC, CR, PP		×	×	×
	MP30 S, TS		×	×	×
Crushers	VHC-30	×			
	VHC-40	×			×
	VHC-50		×	×	×
360° rotatable Shears	S320	×			
	S340		×	×	×
Demolition and Sorting Grapples	G315	×			
	G320	×			×
	G330		×	×	×
	G320B-D	×			
With quick coupler					
Quick Coupler	CW-40	×			
	CW-45	×			
	CW-55		×	×	×
	CW-40S	×			
	CW-45S				
	CW-55S		×	×	×
Multi-Processors	MP15 CC, CR, S	×			
	MP15 PP	×			
	MP20 CC, CR	×			×
	MP20 PP, S, TS	×			×
	MP30 CC, CR, S		×	×	×
	MP30 PP, TS		×	×	×
Crushers	VHC-30	×			
	VHC-40	×			×
	VHC-50		×	×	×
360° rotatable Shears	S320	×			
Demolition and Sorting Grapples	G315	×			
	G320	×			×
	G330		×	×	×
	G320B-D	×			

* Please contact your Cat dealer for machines equipped with 30 m Ultra-high Demolition front parts.

- █ 360° Working Range
- █ Over the front only
- █ Recommended
- █ Available
- × Not Compatible

Engine

Caterpillar 3456 ATAAC (air to air aftercooled) diesel engine.

Ratings at 2000 rpm

	kW	hp
Net power		
ISO 9249	382	513
EEC 80/1269	382	513

Dimensions

Bore	140 mm
Stroke	171 mm
Displacement	15.8 liters

Power rating conditions

- 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 needed up to 2300 m altitude

Swing Mechanism

Hydrostatic with independent planetary reduction

Swing torque	260 kNm
Swing speed	6.2 rpm

Steering

Controls

- controls are pilot-operated for reduced efforts
- left pedal and lever control left track; right pedal and lever control right track
- when idlers are in front, pushing both pedals or levers forward moves the excavator straight ahead
- when the idlers are in front, rocking both pedals or pulling both levers backward moves the excavator straight back
- moving one pedal or lever more than the other, either forward or backward, results in a gradual turn
- moving one pedal or lever forward and the other pedal or lever backward counter-rotates the tracks for spot turns
- optional straight travel third pedal drives both tracks forward or reverse at the same speed. Steering adjustments can be made by simultaneously pressing right or left pedal

Track

650 mm double grouser shoes

Drive

Drive system is fully hydrostatic.

Maximum drawbar pull	591 kN
Maximum travel speed	4.5 km/h

Cab/FOGS

- Cab/FOGS meets ISO10262:1998.
- Standard air conditioning system contains environmentally friendly R134a refrigerant.

Brakes

Meets the following standards:
ISO 10265:1998

Service and parking brake features

- wet, multiple-disc brakes are used on the final drive input shafts
- spring-applied, hydraulically released
- actuating a travel control simultaneously releases the brakes
- when the controls are released, the brakes automatically apply

Service Refill Capacities

	Liters
Fuel Tank	1240
Cooling System	101
Engine Oil	80
Swing Drive (each)	19
Final Drive (each)	21
Hydraulic system (including tank)	995
Hydraulic tank	810

Sound

Operator Sound

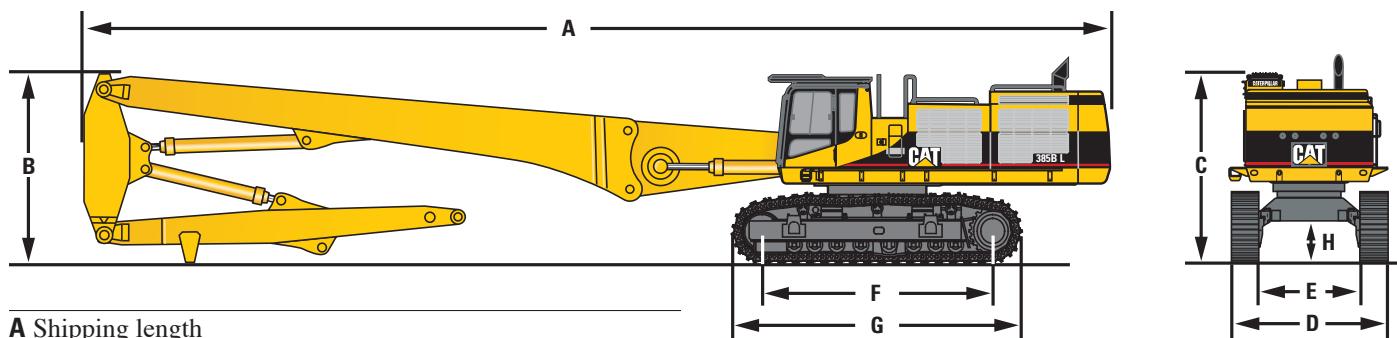
- The operator sound level measured according to the procedures specified in ISO 6394:1998 is 75 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.

Exterior Sound

- The labeled spectator sound power level measured according to the test procedures and conditions specified in 2000/14/EC is 111 dB(A).

Dimensions and Weights with UHD Front Parts

All dimensions and weights are approximate.



A Shipping length

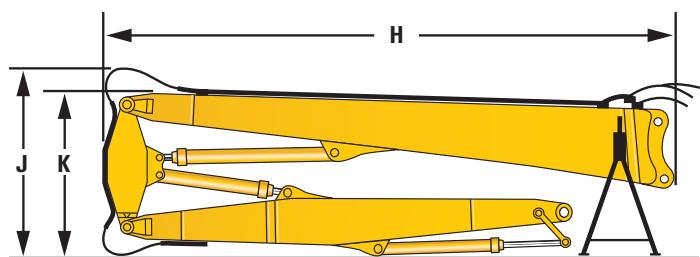
30/33 m front parts	21 620 mm
36/40 m front parts	22 560 mm

B Boom height

30/33/36 m front parts	4310 mm
40 m front parts	8120 mm

C Cab height

with Falling Object Guard (FOG)	3920 mm
without Falling Object Guard (FOG)	3730 mm



H Length

	*30 m	**33 m	**36 m	**40 m
30 m UHD front parts	12 752	12 755	14 590	19 333
33 m UHD front parts	3980	3980	3978	4047
36 m UHD front parts	4312	4306	4305	4310
40 m UHD front parts	16 400	17 400	18 900	21 400

* Equipped with ultra-high demolition front parts, standard undercarriage, tiltable cab, FOG and full fuel tank.

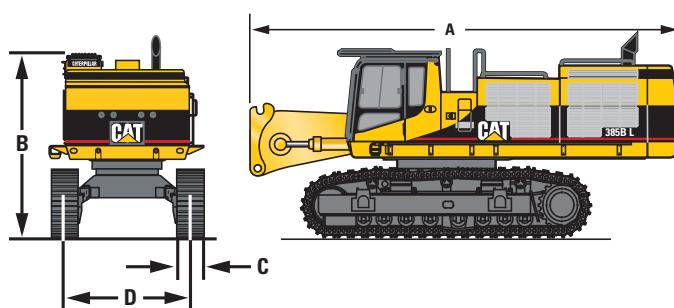
J Height without hydraulic lines

K Height with hydraulic lines

Weight (stand included)

* UHD front parts, nothing attached

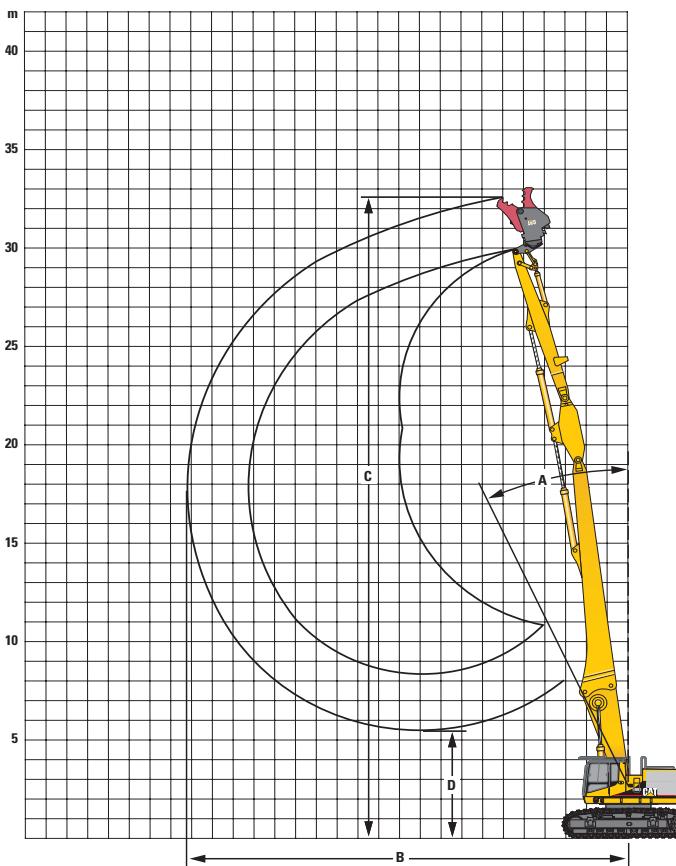
** UHD front parts and quick coupler, no tool attached



Base Machine

A Length	9475 mm
B Height (with FOGS)	3920 mm
C Track shoe width	650 mm
D Narrow gauge	2750 mm
Working gauge	3510 mm
Weight	76 770 kg

Working Ranges with UHD Front Parts

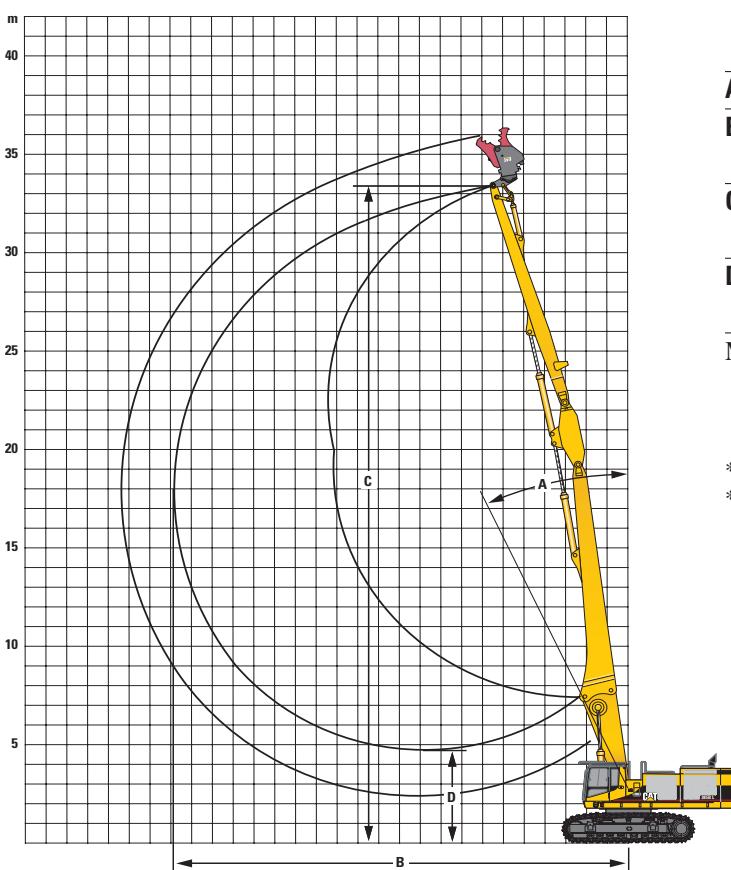


30 m

A Maximum allowable angle from vertical	25°
B Maximum allowable horizontal reach	18 300 mm
Idem at tip tool*	21 100 mm
C Maximum vertical pin height	30 000 mm
Idem at tip tool*	32 800 mm
D Minimum vertical pin height	8240 mm
Idem at tip tool*	5440 mm
Maximum tool weight**	
(over front)	5000 kg
(over side)	4600 kg

* Tip radius of the tool 2804 mm

**Distance between stick nose and center of gravity of the tool cannot exceed 1500 mm. Tool controllability not considered

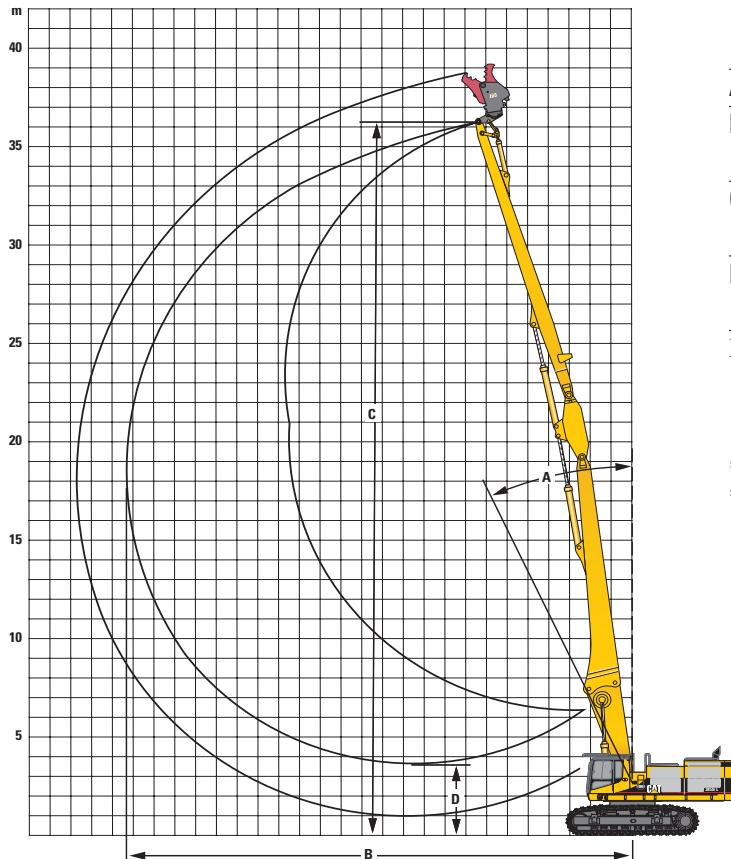


33 m

A Maximum allowable angle from vertical	25°
B Maximum allowable horizontal reach	21 830 mm
Idem at tip tool*	24 350 mm
C Maximum vertical pin height	33 440 mm
Idem at tip tool*	35 950 mm
D Minimum vertical pin height	4740 mm
Idem at tip tool*	2220 mm
Maximum tool weight**	
(over front)	4000 kg
(over side)	3300 kg

* Tip radius of the tool 2520 mm (MP20 and quick coupler)

**Distance between stick nose and center of gravity of the tool cannot exceed 1500 mm. Tool controllability not considered

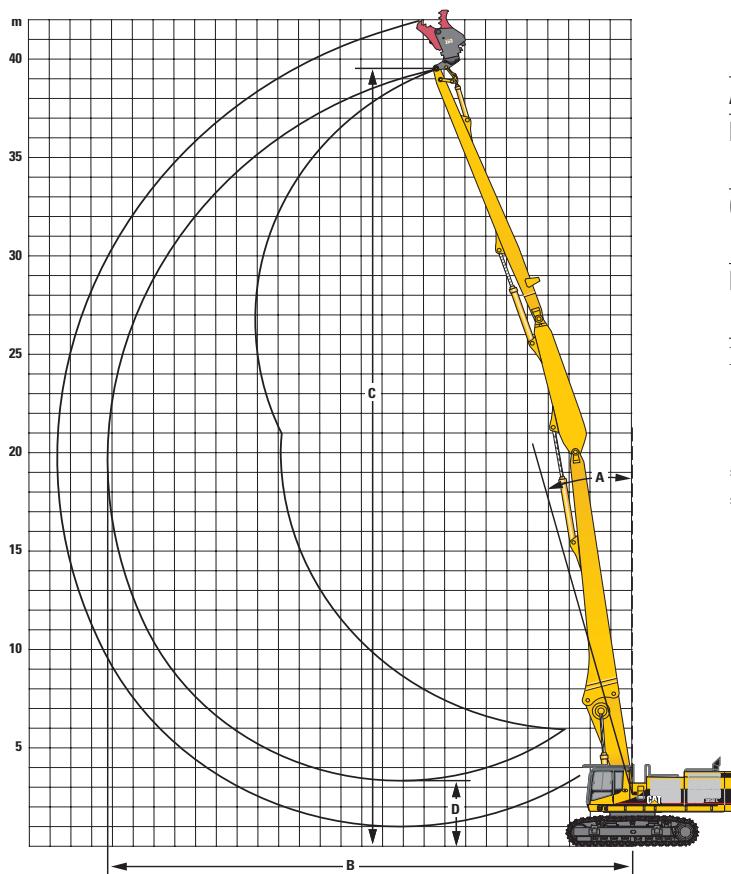


36 m

A Maximum allowable angle from vertical	25°
B Maximum allowable horizontal reach	24 230 mm
Idem at tip tool*	26 750 mm
C Maximum vertical pin height	36 300 mm
Idem at tip tool*	38 800 mm
D Minimum vertical pin height	3580 mm
Idem at tip tool*	1070 mm
Maximum tool weight**	
(over front)	3000 kg
(over side)	2100 kg

* Tip radius of the tool 2520 mm (MP20 and quick coupler)

**Distance between stick nose and center of gravity of the tool cannot exceed 1500 mm. Tool controllability not considered



40 m

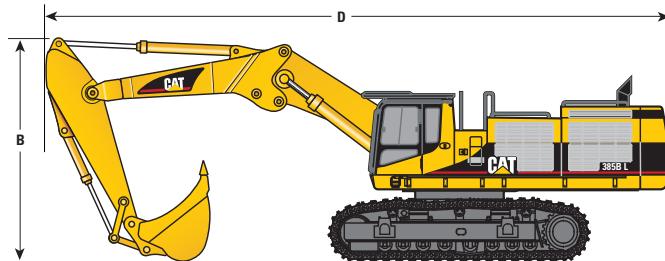
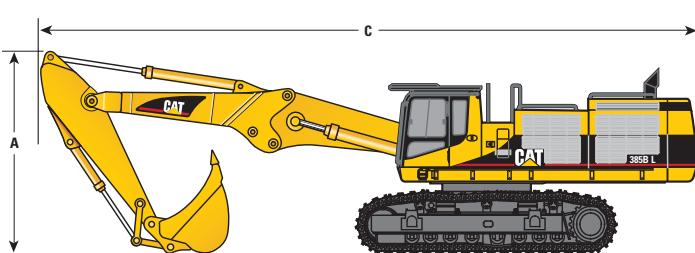
A Maximum allowable angle from vertical	15°
B Maximum allowable horizontal reach	25 200 mm
Idem at tip tool*	27 600 mm
C Maximum vertical pin height	39 600 mm
Idem at tip tool*	41 990 mm
D Minimum vertical pin height	3340 mm
Idem at tip tool*	940 mm
Maximum tool weight**	
(over front)	2400 kg
(over side)	2100 kg

* Tip radius of the tool 2407 mm (MP15 and quick coupler)

**Distance between stick nose and center of gravity of the tool cannot exceed 1500 mm. Tool controllability not considered

Shipping Dimensions and Weights

With retrofit boom nose in straight and bent position. All dimensions and weights are approximate.



Shipping Height mm

A Straight Position

3400 mm stick (R3.4JB)	4971
3700 mm stick (R3.7HB)	4961
4400 mm stick (R4.4HB)	5262
5500 mm stick (R5.5HB)	5992

B Bent Position

3400 mm stick (R3.4JB)	5471
3700 mm stick (R3.7HB)	5369
4400 mm stick (R4.4HB)	5587
5500 mm stick (R5.5HB)	6064

Shipping Length

C Straight Position

3400 mm stick (R3.4JB)	16 160
3700 mm stick (R3.7HB)	16 084
4400 mm stick (R4.4HB)	16 003
5500 mm stick (R5.5HB)	15 736

D Bent Position

3400 mm stick (R3.4JB)	15 340
3700 mm stick (R3.7HB)	15 322
4400 mm stick (R4.4HB)	15 348
5500 mm stick (R5.5HB)	15 265

Bucket capacity

3400 mm stick (R3.4JB)	4.4 m ³
3700 mm stick (R3.7HB)	3.5 m ³
4400 mm stick (R4.4HB)	3.5 m ³
5500 mm stick (R5.5HB)	3.5 m ³

Stick and linkage weight*

3400 mm stick (R3.4JB)	4920 kg
3700 mm stick (R3.7HB)	4280 kg
4400 mm stick (R4.4HB)	4500 kg
5500 mm stick (R5.5HB)	4820 kg

Operating weight

3400 mm stick (R3.4JB)	91 600 kg
3700 mm stick (R3.7HB)	90 600 kg
4400 mm stick (R4.4HB)	90 800 kg
5500 mm stick (R5.5HB)	91 100 kg

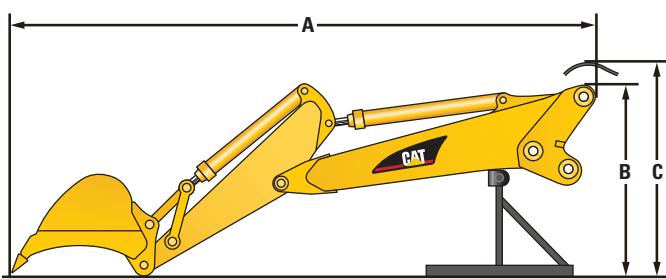
Ground pressure

3400 mm stick (R3.4JB)	1.27
3700 mm stick (R3.7HB)	1.25
4400 mm stick (R4.4HB)	1.26
5500 mm stick (R5.5HB)	1.26

* including lines, pins, bucket cylinders and bucket linkage

Retrofit Configuration

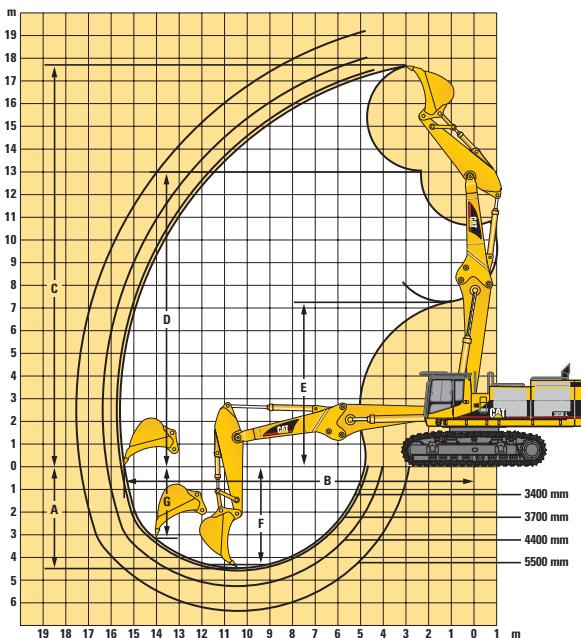
Reinforced stick.



R3.4JB R3.7HB R4.4HB R5.5HB

A Length mm	10 935	11 067	11 845	13 054
B Height without hydraulic lines mm	4081	3993	3922	3932
C Height with hydraulic lines mm	4367	4288	4225	4212
Weight (stand included) kg	16 750	15 730	15 930	16 230

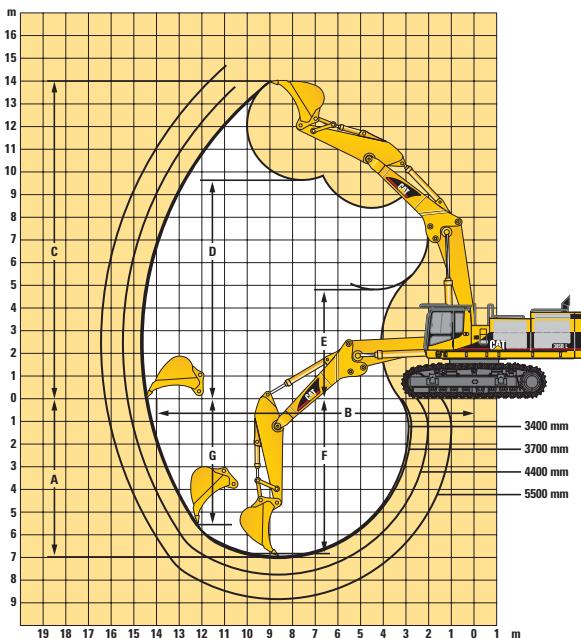
Working Ranges



Straight Position

		R3.4JB	R3.7HB	R4.4HB	R5.5HB
Stick Length	mm	3400	3700	4400	5500
A Maximum Digging Depth	mm	-4480	-4570	-5270	-6370
B Maximum Reach at Ground Level	mm	15 400	15 520	16 200	17 390
C Maximum Cutting Height	mm	17 720	17 530	18 080	19 240
D Maximum Loading Height	mm	13 120	13 270	13 810	14 960
E Minimum Loading Height	mm	726	7070	6450	5490
F Maximum Digging Depth 2.44 m Level Bottom	mm	-4340	-4440	-5150	-6270
G Maximum Vertical Wall Digging Depth	mm	-3070	-3200	-3880	-4870
Bucket Tip Radius	mm	2354	2158	2158	2158
Bucket Force (SAE-J1179)	kN	392	315	315	315
Stick Force (SAE-J1179)	kN	288	287	255	255

Working Ranges



Bent Position

		R3.4JB	R3.7HB	R4.4HB	R5.5HB
Stick Length	mm	3400	3700	4400	5500
A Maximum Digging Depth	mm	-6950	-7040	-7740	-8840
B Maximum Reach at Ground Level	mm	14 460	14 410	15 060	16 260
C Maximum Cutting Height	mm	14 010	13 480	13 770	14 700
D Maximum Loading Height	mm	9690	9720	9970	10 790
E Minimum Loading Height	mm	4800	4700	4000	2900
F Maximum Digging Depth 2.44 m Level Bottom	mm	-6810	-6910	-7620	-8740
G Maximum Vertical Wall Digging Depth	mm	-5540	-5640	-6350	-7340
Bucket Tip Radius	mm	2354	2158	2158	2158
Bucket Force (SAE-J1179)	kN	392	315	315	315
Stick Force (SAE-J1179)	kN	288	287	255	213

Lift capacities

All weights are in kg

Straight Position

Bent Position

Straight Position

	6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m							
																		m
15.0 m																*7850	*7850	9.16
13.5 m			*15420	*15420	*12700	*12700										*6760	*6760	11.18
12.0 m			*14780	*14780	*15030	*15030	*11750	*11750								*6160	*6160	12.60
10.5 m			*14940	*14940	*15620	*15620	*14980	13130								*5810	*5810	13.64
9.0 m	*16790	*16790	*17330	*17330	*17390	*17390	*16720	12940	*13820	9540						*5610	*5610	14.40
7.5 m			*27140	23050	*22150	16730	*18560	12490	15130	9400						*5530	*5530	14.94
6.0 m			*27980	21220	*22560	15710	*18700	11910	14800	9100	*11490	6840	*5540	5390		15.27		
4.5 m					*22580	14680	18250	11280	14420	8740	11500	6720	*5650	5130		15.43		
3.0 m						*21950	13800	17640	10720	14050	8390	11330	6560	*5850	5060		15.41	
1.5 m						*20520	13180	*16980	10280	13760	8120	*10480	6430	*6150	5170		15.21	
Ground			*20870	17070	*18260	12840	*15220	10020	*12170	7950	*8350	6400						
-1.5 m			*16690	*16690	*15140	12770	*12650	9940	*9670	7930								

Bent Position

	4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m										
																			m		
12.0 m																*5930	*5930	11.20			
10.5 m																*5640	*5640	12.38			
9.0 m																*5530	*5530	13.23			
7.5 m																*5550	*5550	13.81			
6.0 m		*31220	*31220		*24280	23520	*20050	17210	*17190	12930	*14190	9750	*5690	*5690		*5690	*5690	14.18			
4.5 m						*26150	21730	*21170	16180	*17830	12320	15160	9430	*5940	*5940		*5940	*5940	14.34		
3.0 m							*27420	20150	*22010	15210	*18320	11710	14790	9080	*6310	*6310		*6310	*6310	14.31	
1.5 m								*27750	19020	*22340	14420	18150	11190	14450	8760	*6850	6450		14.09		
Ground									*20140	*20140	*27120	18380	*22040	13890	17740	10810	14210	8540	*7590	6770	13.67
-1.5 m		*14250	*14250	*27780	25930	*25550	18130	*20960	13620	*17160	10610		*13510	8460	*8630	7420		13.03			
-3.0 m								*27230	26250	*22980	18180	*18940	13600	*15170	10620			*8280	*8280	12.12	
-4.5 m									*22320	*22320	*19120	18530	*15550	13850							

Straight Position

Short Stick

4400 mm

Shoes

650 mm

Bucket Capacity (SAE)

3.5 m³

Bucket Weight

3532 kg

	6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m				
													m		
15.0 m				*12510	*12510									*6030	*6030 10.36
13.5 m						*11830	*11830							*5220	*5220 12.14
12.0 m						*11980	*11980	*11350	*11350					*4740	*4740 13.44
10.5 m				*11340	*11340	*12200	*12200	*12300	*12300	*10360	9820			*4450	*4450 14.41
9.0 m				*12730	*12730	*13380	*13380	*13400	13230	*12310	9820			*4290	*4290 15.12
7.5 m				*18030	*18030	*16630	*16630	*15540	12750	*14050	9590	*10240	7120	*4220	*4220 15.63
6.0 m				*27490	21980	*22210	16110	*18460	12130	14970	9240	11800	6990	*4240	*4240 15.95
4.5 m				*28010	20130	*22480	15030	18460	11460	14530	8830	11580	6790	*4330	*4330 16.10
3.0 m						*22190	14060	17780	10840	14110	8440	11340	6560	*4500	4500 16.08
1.5 m				*25250	17610	*21160	13320	17230	10330	13750	8110	11150	6380	*4770	4580 15.90
Ground				*22870	17120	*19320	12870	*15970	9990	*12940	7880	*9820	6260	*5140	4840 15.54
-1.5 m				*19130	17010	*16620	12670	*13800	9820	*10910	7780	*7390	6270		
-3.0 m						*13020	12720	*10720	9840	*7890	7840				

Bent Position

Short Stick

4400 mm

Shoes

650 mm

Bucket Capacity (SAE)

3.5 m³

Bucket Weight

3532 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m			
																	m	
12.0 m																	*4550	*4550 12.04
10.5 m																	*4310	*4310 13.13
9.0 m																	*4220	*4220 13.92
7.5 m																	*4250	*4250 14.48
6.0 m																	*4360	*4360 14.82
4.5 m																	*4580	*4580 14.98
3.0 m																	*4900	*4900 14.96
1.5 m																	*5350	*5350 14.75
Ground																	*5980	*5980 14.35
-1.5 m																	*6840	6580 13.74
-3.0 m																	*8090	7510 12.90
-4.5 m																		



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 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

Straight Position

Long Stick

5500 mm

Shoes

650 mm

Bucket Capacity (SAE)

3.5 m³

Bucket Weight

3532 kg

	4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		15.0 m		 	m		
16.5 m							*9420	*9420									*4520	*4520 10.17		
15.0 m									*8670	*8670							*3520	*3520 12.22		
13.5 m							*8310	*8310	*8080	*8080							*2940	*2940 13.71		
12.0 m							*7790	*7790	*8190	*8190	7560	*7560					*2570	*2570 14.84		
10.5 m							*7620	*7620	*8260	*8260	*8270	*8270	*6310	*6310			*2330	*2330 15.71		
9.0 m							*8100	*8100	*8750	*8750	*8870	*8870	*7910	7540			*2180	*2180 16.36		
7.5 m							*9060	*9060	*9710	*9710	*9990	*9990	*9860	*9860	*8980	7410	*5160	*5160 *2100 16.83		
6.0 m							*16100	1*6100	*13710	*13710	*12500	*12500	*11500	9480	*10180	7180	*7100	5320	*2070 *2070 17.13	
4.5 m							*27430	21240	*22020	15610	*17290	11790	*14110	9010	11710	6890	*8300	5190	*2110 *2110 17.27	
3.0 m							*27750	19480	*22190	14510	18060	11070	14240	8540	11390	6600	9170	5040	*2200 *2200 17.25	
1.5 m							*26980	18160	*21730	13610	17390	10460	13790	8130	11110	6330	9030	4900	*2350 *2350 17.08	
Ground							*25080	17340	*20510	12960	*16820	9990	13440	7800	10890	6130	*7940	4810	*2570 *2570 16.75	
-1.5 m							*10940	*10940	*22170	16940	*18480	12590	*15200	9690	*12290	7590	*9440	6010	*5590 4820	
-3.0 m							*15670	*15670	*18290	16880	*15580	12460	*12810	9570	*10060	7530	*7000	6020		
-4.5 m										*11700	*11700	*9460	*9460							

Bent Position

Long Stick

5500 mm

Shoes

650 mm

Bucket Capacity (SAE)

3.5 m³

Bucket Weight

3532 kg

	3.0 m		4.5 m		6.0 m		7.5 m		9.0 m		10.5 m		12.0 m		13.5 m		 	m			
13.5 m																	*2730	*2730 12.23			
12.0 m																	*2390	*2390 13.52			
10.5 m																	*2200	*2200 14.48			
9.0 m																	*7890	*7890 *3130 *3130 *2100 *2100 15.19			
7.5 m																	*10290	*10290 *9230 *9230 *6100 *6100 *2080 *2080 15.69			
6.0 m																	*12440	*12440 *10810 *10810 *7830 *7830 *2120 *2120 16.01			
4.5 m							*30060	*30060	*23290	*23290	*19100	17210	*16040	12940	*12920	9850	*9280	7480	*2240 *2240 16.16		
3.0 m							*33480	30880	*25400	21720	*20440	16060	*17090	12190	*14640	9370	*10620	7180	*2430 *2430 16.14		
1.5 m							*24140	*24140	*26840	20140	*21430	15030	*17730	11500	14630	8900	*11670	6890	*2700 *2700 15.95		
Ground							*8030	*8030	*21560	*21560	*27420	18990	*21910	14210	17890	10920	14200	8510	11440	6640 *3070 *3070 15.59	
-1.5 m	*6450	*6450	*11770	*11770	*23760	*23760			*27080	18270	*21750	13630	17440	10500	13890	8220	*10530	6480	*3580 *3580 15.04		
-3.0 m	*10980	*10980	*16520	*16520	*28670	25850			*25790	17920	*20850	13310	*17020	10260	13730	8070			*4300 *4300 14.29		
-4.5 m							*22450	*22450	*29070	25970	*23460	17880	*19030	13240	*15330	10210	*11800	8100		*5350 *5350 13.28	
-6.0 m										*24260	*24260	*19830	18140	*15950	13410	*12230	10400				

Standard Equipment

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

Electrical

Alternator – 75 ampere

Lights

Base Machine

Cab Mounted (two)

Storage Box Mounted

Cab interior

Signal/Warning horn

Guards

Bottom Guards on upper frame

Swivel Guard on Undercarriage

FOGS

Operator Station

Demolition cab

Neutral lever (lock out) for all controls

Windshield wipers and washers

(Upper and Lower)

Positive filtered ventilation

Pressurized cab

Automatic air conditioner with defroster

Instrument panel and gauges (VIDS)

Seat KAB524 (high back seat) with suspension and four-way adjustment, adjustable 100 mm armrest

Retractable seat belt (76 mm width)

Console mounted electronic type joysticks

Start up level check for hydraulic oil, engine oil and engine coolant

Travel control pedals with removable hand levers

Beverage/cup Holder

Radio mounting pre-wired with two stereo speakers and one 24V to 12V, 2.5 amp converter. DIN size mounts (radio will be supplied by dealer/user)

Antenna

Storage compartment suitable for lunch box

Coat hook

Ashtray and 24 volt lighter

Washable Floor mat

Engine/Power Train

Caterpillar 3456 ATAAC Electronically Controlled Diesel Engine

Altitude capability to 2300 m without derating

Stage 2 emission compliant

Automatic engine speed control

High-ambient cooling – 52°C capability

Side-by-side separate cooling system with variable speed fans

Water separator for fuel line

Air precleaner and radial seal double element filter

Two-speed travel

Ether starting aid

Cold weather starting package

Automatic swing parking brake

Automatic travel parking brakes

Undercarriage

Long length, variable gauge with 650 mm double grouser shoes

Other Standard Equipment

Heavy-lift mode

Caterpillar one key security system with locks for doors, cab and fuel cap

Cat walks – left side and right side

Cast counterweight – 14 700 kg

Caterpillar XT hoses with reusable couplings

Caterpillar high-capacity batteries

S•O•S quick sampling valves for engine oil, engine coolant, and hydraulic oil

Auxiliary hydraulic valve for hydro-mechanical tools

Drive for auxiliary pump

Provision for Product Link (PL201) includes power source and mounting location

Provision for Auto-lube includes power source and mounting location

Steel firewall between engine and hydraulic pumps

Hydraulic oil filters

Capsule type main filters

Case drain filters for travel and swing motors

Pilot filter

Antifreeze protection to -34°C

Hydraulic check valves with Smart Boom

Optional Equipment

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

Front Linkage

Sticks

R5.5HB

R4.4HB

R3.7HB

R3.4JB

Bucket Linkages

HB-family for HB sticks

JB-family for JB sticks

Miscellaneous Options

Fast engine oil fill system

Straight travel pedal

Travel alarm with cut-off switch

Starting kit, cold weather (-32°C)

Electric refueling pump with automatic shut-off (100 L/min.)

Biodegradable hydraulic oil

(saturated, synthetic ester, 5000 hours change interval) factory fill

Fine filtration hydraulic oil

Suction line shut-off valve

Seat KAB524 with seat heater

385B L Ultra-high Demolition

HEHH3199 (09/2004) hr

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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