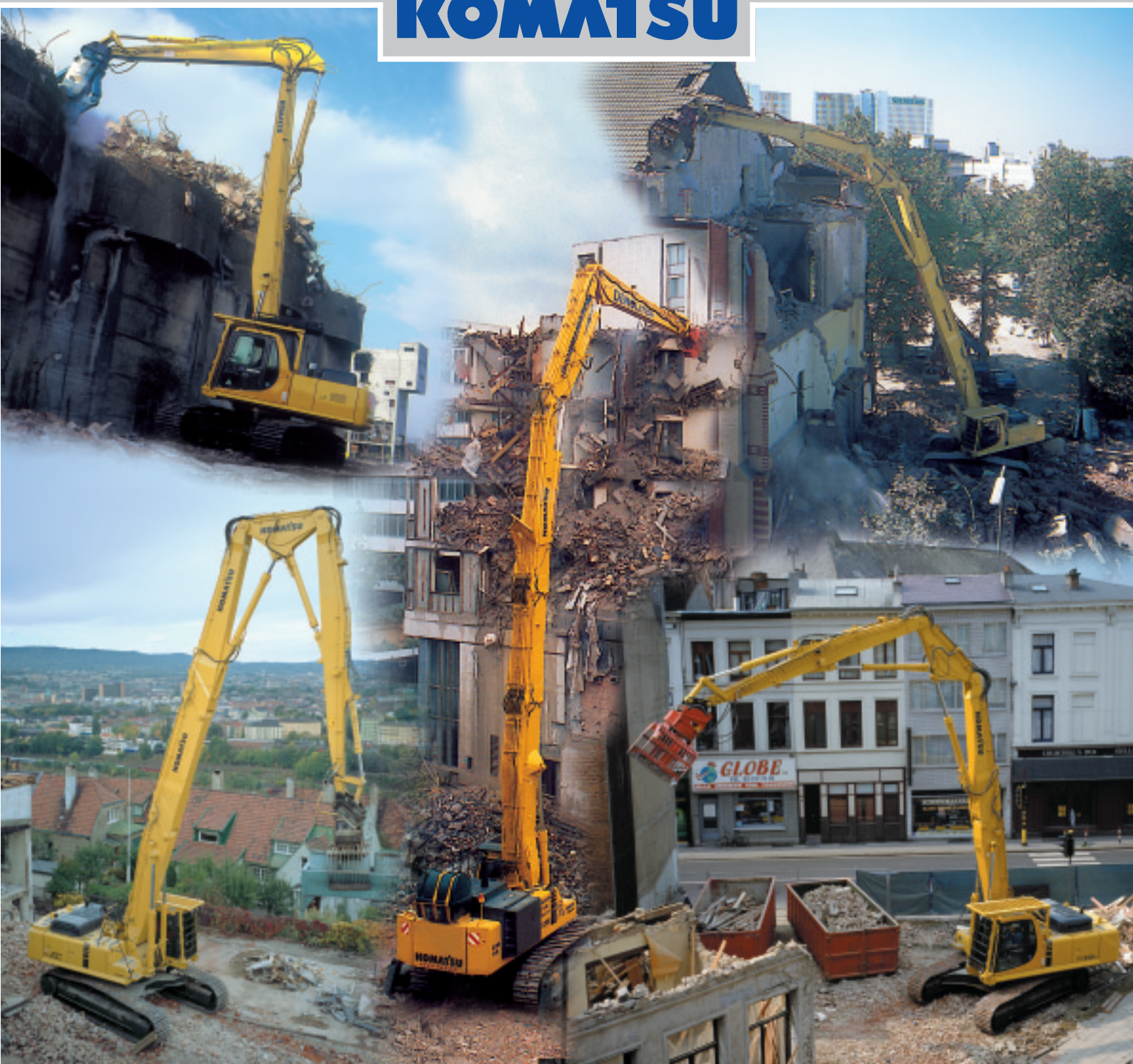


DEMOLITION EQUIPMENT

KOMATSU



The machines shown may vary according to territory specifications

MODELS

PC210

PC240

PC290

PC340

PC450

PC750

FLYWHEEL POWER:

99 kW

118 kW

130 kW

173 kW

228 kW

331 kW

OPERATING WEIGHTS:

24,4-25,0 t

26,9-27,5 t

30-30,7 t

40,7-42 t

53,4-54,4 t

101-102,5 t

ATTACHMENT TOOL WEIGHT:

2050 kg

2450 kg

2450 kg

2300 kg

2300 kg

2400 kg

OPERATING FEATURES



Attachment visibility

The cab has been specially modified to give a superb view of the attachment.
To keep the view clear, even in dusty environments, the full length cab roof window has an integrated wiper and wash system.

Front visibility

Visibility when working at ground level is maintained by using angled cross members on the front guard.
Cleaning space has been provided by allowing a clear gap between the front guard and window.



HydrauMind

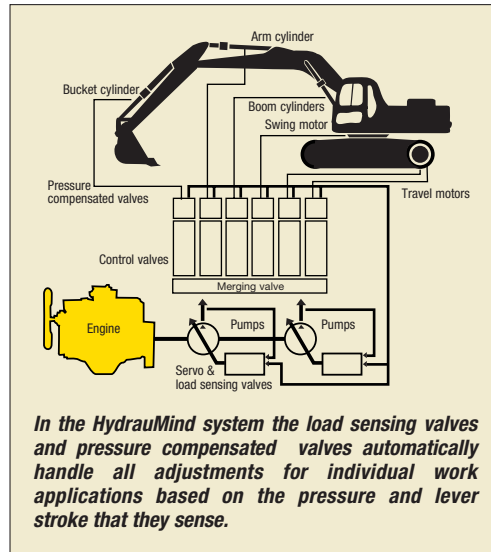
DASH 6 Excavators features the remarkable and unique HydrauMind.



What is HYDRAUMIND?

Excavators equipped with HydrauMind.

HydrauMind is one of the most sophisticated hydraulic systems available on the market, and is unique to Komatsu. Komatsu hydraulics technology is truly world-class, with over 200 patents pending for HydrauMind.



Benefits of HYDRAUMIND

Adjustable restrictors in work equipment lines

Adjustable restrictors have been installed into the return lines for the work equipment. This allows the operator to pre-adjust the lowering speed without needing to “feather” the wrist controls. The result of this is a safe and confident lowering of the work equipment.



Power, versatility, manoeuvrability, controllability - you name it. There has never been an excavator so easy to operate, so natural, so intuitive, so responsive.

For example, when operations require precision....

you don't have to think about changing lever strokes because HydrauMind - instantly, silently and automatically sends just the right amount of oil to the cylinders, at just the right pressure to accommodate the change.

When you move the boom, arm and bucket at the same time....

all the equipment works naturally with the optimum combination of speed and power, as if it were a human hand.



SAFETY

Fully certified FOPS

The FOPS system has been independently tested to assure compliance with all current government standards. This extremely strong and rigid structure is installed directly onto the revolving frame which has been specially modified for demolition applications.

The full-length cab roof window is made from plexiglass, which can withstand the impact of small debris falling through the FOPS cross-members.



Stability and reach

The machine has been designed to offer the best combination of stability, height and reach. The result of this is a machine which not only has an excellent working height, but can also stand well away from the working point. This moves the operator back to a safer position and improves visibility of the attachment.

CE Marking

The complete machine is designed, manufactured and CE marked by Komatsu.

All supporting certification and operation manuals are provided.



Hose burst protection

Damage to hoses is an ever present threat during demolition operations.

Critical areas are protected with steel spiral wraps, but in the anticipation of a hose breakage, all the boom and arm circuits are fitted with burst protection valves.

Even if a hose bursts, these valves allow the work equipment to be lowered in a safe and controlled way to allow a repair to be carried out.



Work equipment angle alarm

An electronic angle sensor is installed onto the first boom which gives the operator an audible alarm if a potentially unstable operating position is approached. This device backs up the angle gauge that the operator can see through the cab window. The alarm can be switched off during conventional excavation operations.

OWNING AND OPERATING

Multiple boom heights

To provide a completely flexible solution, the boom is comprised of 2, 3 or 4 sections, giving multiple working envelopes. The smaller working envelope allows working down to ground level, eliminating the need to have 2 different machines on site.



Rapid change over of work equipment

To modify the working envelope or install the excavation boom attachment, the boom connector pins can be quickly removed. The pin-type connectors have no moving parts so they are highly reliable and provide a rigid connection with minimal extra mass.

Counterweight removal

For stability the counterweight mass has been increased and repositioned. The additional mass has been cleanly integrated into the main counterweight. For excavation operations, the additional weight can be quickly lifted out after removing the top cover.

Transport dimensions

The work equipment on all models except the PC750 has been designed to fold down to within a 4 metre transport height. To further aid transportation, the undercarriage gauge is adjustable. Refer to "Transport dimensions" on pages 11 and 21.

Excavation boom attachment option

For site cleaning and excavation operations an optional excavation boom attachment is available.¹

Straight boom attachment

For extended reach applications, 9 m to 14 m (pin height), straight booms are available.



¹ The excavation boom attachment is not intended for full time use in heavy duty excavation applications.

Revolving frame side protection

To protect against damage to side covers, the revolving frame is protected along each side.



Service and parts support

As a completely original Komatsu design, the machine is fully integrated into the European parts and service network.

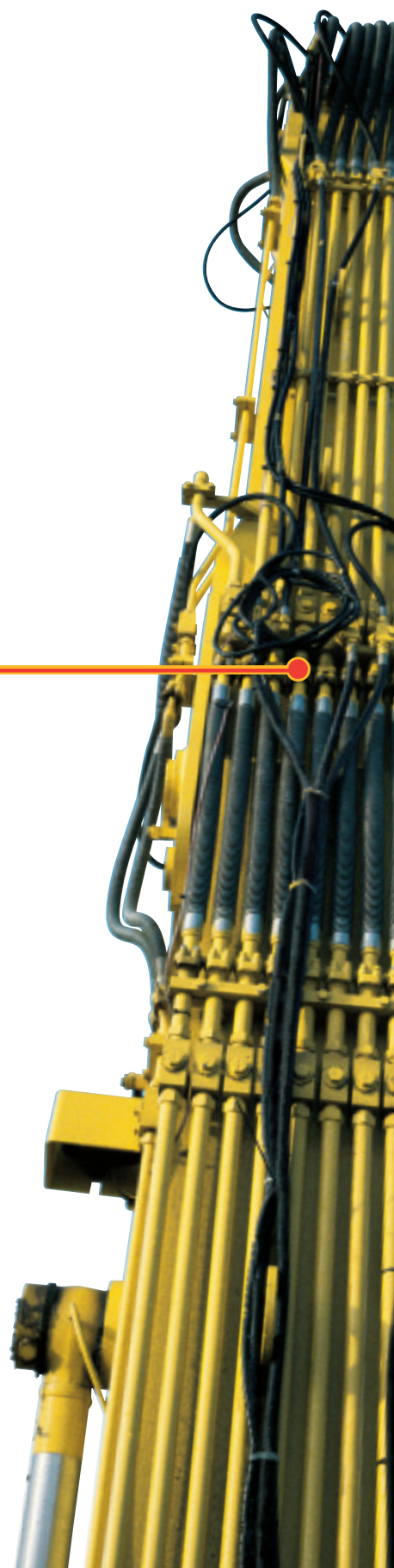
Reinforced work-equipment castings

Komatsu uses large single piece castings extensively throughout its excavator range. Castings distribute stress evenly providing an extremely durable structure. For demolition applications the castings are further reinforced where necessary.



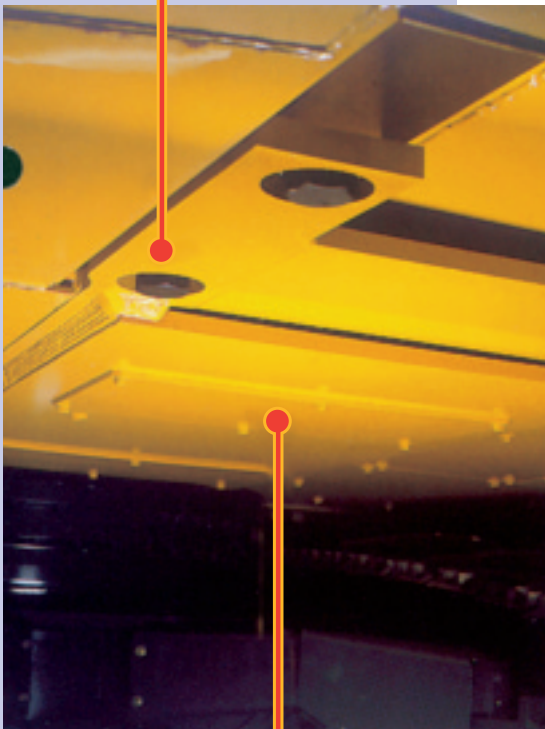
Tube protection

To prevent possible contact damage, hydraulic tubes are mounted on the rear of the boom, wherever possible.



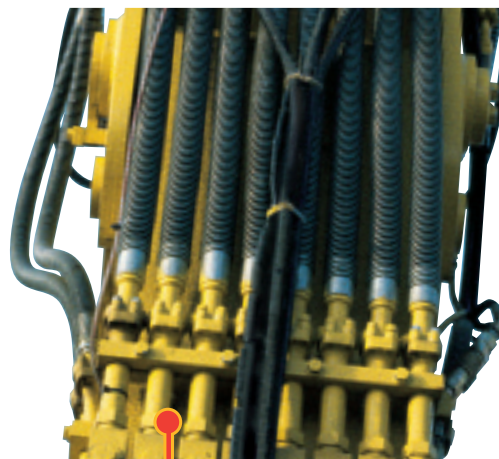
Reinforced centre beam

The centre beam of the revolving frame is heavily strengthened to cope with the additional mass of demolition work equipment.



Reinforced under covers

The undercovers are reinforced to protect against penetration by ground debris.



Hydraulic oil filtration

Demolition attachments and hydraulic breakers require a high degree of oil filtration to work effectively¹. A heavy duty hydraulic oil filter is installed on the attachment return lines to protect against machine and attachment damage. In-line filters are installed directly for the main pumps.

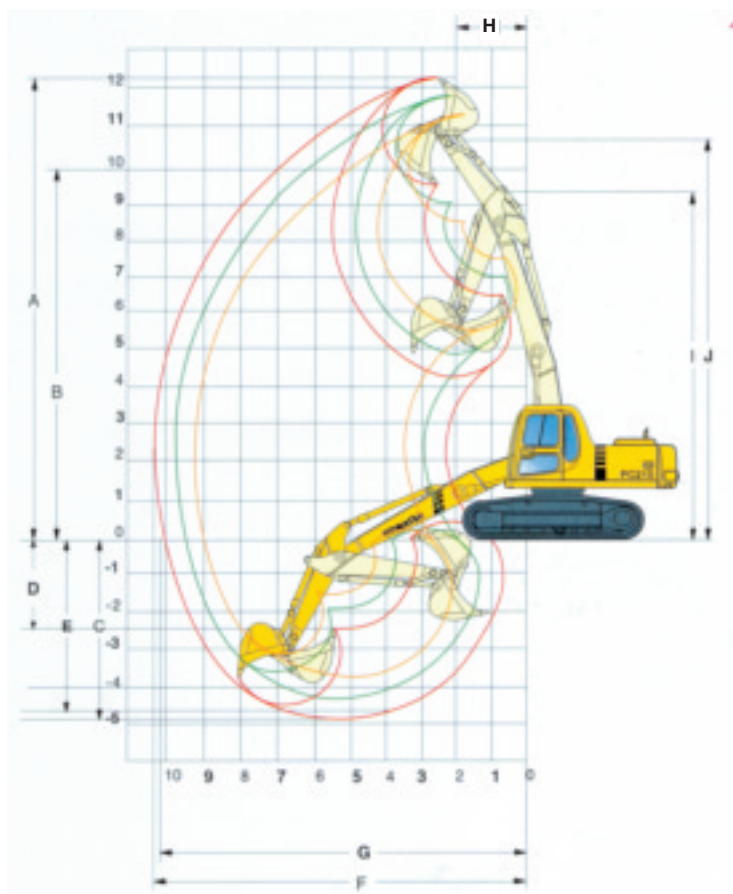
¹ The high reach demolition equipment is not intended for use with hydraulic breakers.

Reliable hose connections

In heavy duty demolition applications, quick couplers often prove to be unreliable. To avoid this problem, high precision stop valves are installed on the boom to minimise oil spillage during boom change operations.

WORKING RANGES

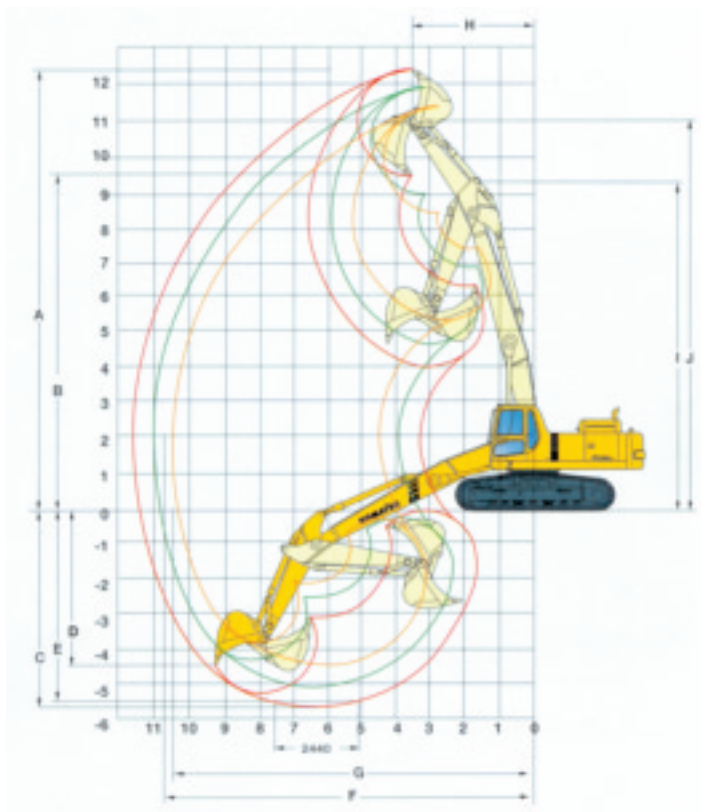
STRAIGHT BOOMS



PC210LCD-6

STRAIGHT BOOM (pin to pin) : 6400 mm
Weight (with arm cylinder) : 1956 kg

Arms (mm)	1800	2400	2930
A Max. digging height (mm)	11270	11780	12230
B Max. dumping height (mm)	8320	8840	9290
C Max. digging depth (mm)	3810	4420	4930
D Max. vertical wall digging depth (mm)	2430	2890	3230
E Max. digging depth of cut for 2440 mm level (mm)	3570	4220	4760
F Max. digging reach (mm)	9710	10280	10790
G Max. digging reach at ground (mm)	9530	10110	10620
H Min. swing radius (mm)	2420	3000	2890
I Max. height of min. swing (mm)	9270	9120	9100
J Max. pin height (mm)	9800	10300	10750
Operating weight with 700 mm shoes (kg)	20760	20800	20886
800 mm shoes (kg)	21060	21100	21186
900 mm shoes (kg)	21360	21400	21486



PC340LCD-6

STRAIGHT BOOM (pin to pin) : 6875 mm
Weight (with arm cylinder) : 3170 kg

Arms (mm)	2200	2550	3185
A Max. digging height (mm)	11973	12369	12859
B Max. dumping height (mm)	8879	9270	9759
C Max. digging depth (mm)	4782	5128	5768
D Max. vertical wall digging depth (mm)	3721	3961	4530
E Max. digging depth of cut for 2440 mm level (mm)	4578	4942	5608
F Max. digging reach (mm)	10644	11032	11631
G Max. digging reach at ground (mm)	10451	10846	11455
H Min. swing radius (mm)	3526	3571	3513
I Max. height of min. swing (mm)	9867	9757	9729
J Max. pin height (mm)	10426	10818	11309
Operating weight with 700 mm shoes (kg)	31850	31870	31985
800 mm shoes (kg)	32230	32250	32465

Remark: The straight boom is intended for demolition applications. The digging range is shown for reference only. Please consult with your distributor regarding the correct selection of demolition attachment.

WORKING RANGES

STRAIGHT BOOMS

PC450LCD-6

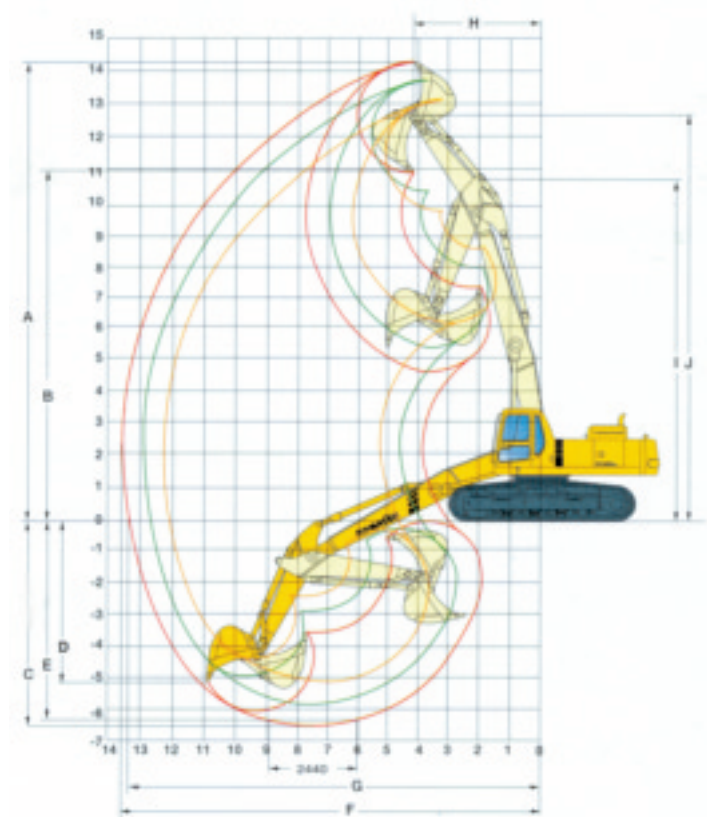
STRAIGHT BOOM (pin to pin) :

8000 mm

Weight (with arm cylinder) :

3905 kg

Arms (mm)	2400	2900	3400
A Max. digging height (mm)	13573	13816	14446
B Max. dumping height (mm)	9914	10188	10767
C Max. digging depth (mm)	5385	5885	6366
D Max. vertical wall digging depth (mm)	4306	4781	4968
E Max. digging depth of cut for 2440 mm level (mm)	5236	5726	6221
F Max. digging reach (mm)	12178	12600	13166
G Max. digging reach at ground (mm)	11949	12379	12953
H Min. swing radius (mm)	4300	4210	3995
I Max. height of min. swing (mm)	11252	11237	11176
J Max. pin height (mm)	11760	12031	12616
Operating weight with 700 mm shoes (kg)	42915	43025	43105
800 mm shoes (kg)	43375	43485	43565



PC750D-6

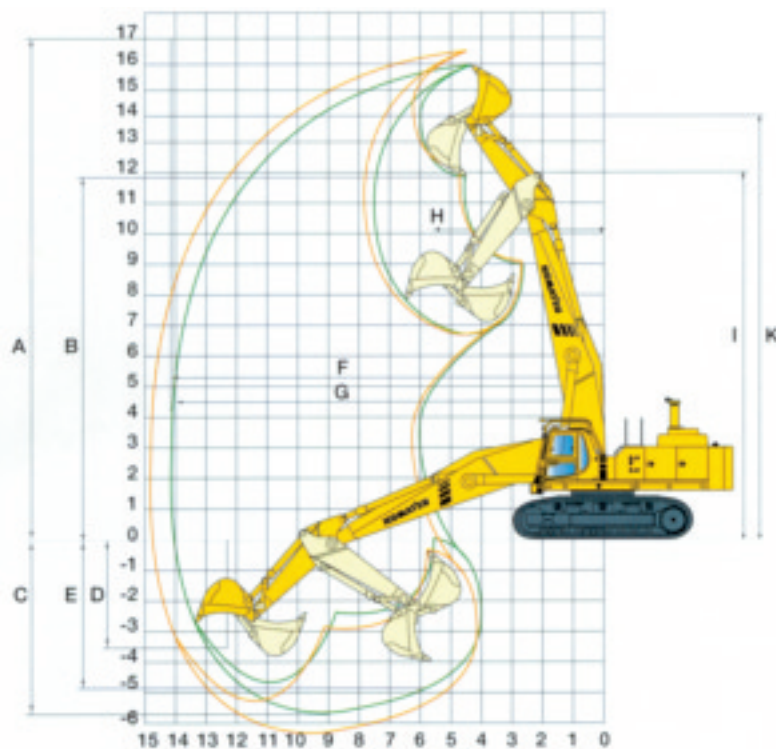
STRAIGHT BOOM (pin to pin) :

8800 mm

Weight (including arm cylinder) :

9000 kg

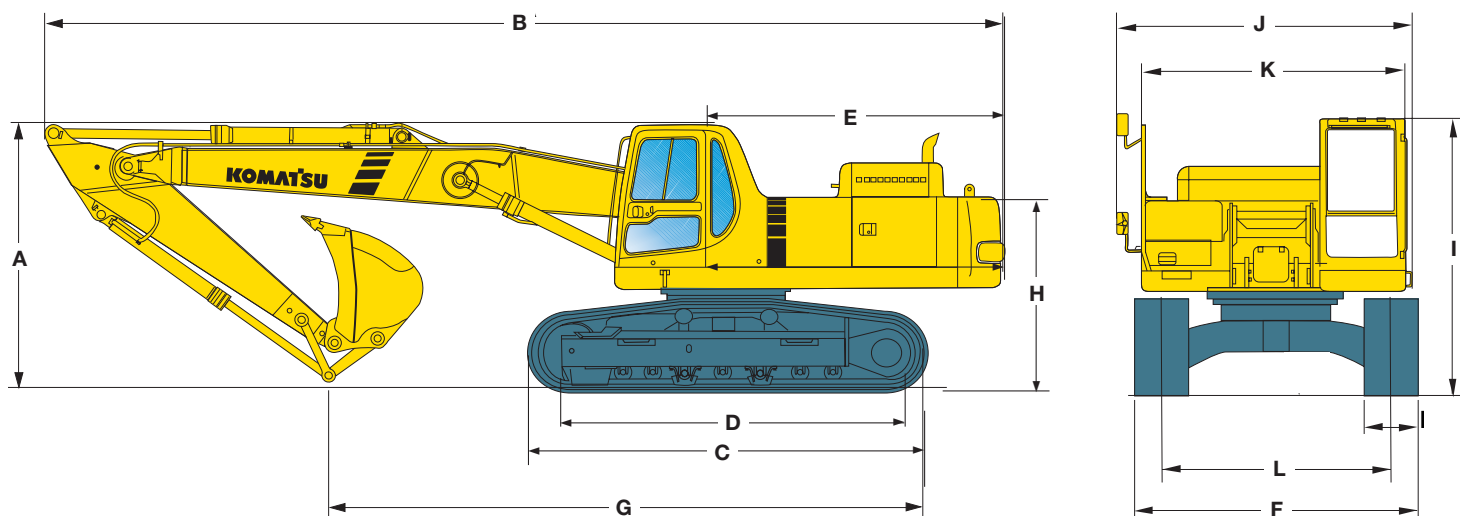
Arms (mm)	2900	3600
A Max. digging height (mm)	16020	16420
B Max. dumping height (mm)	11610	1200
C Max. digging depth (mm)	5600	6260
D Max. vertical wall digging depth (mm)	3800	4360
E Max. digging depth of cut for 2440 mm level (mm)	5460	6130
F Max. digging reach (mm)	14120	14710
G Max. digging reach at ground (mm)	13870	14740
H Min. swing radius (mm)	5100	5200
I Max. height of min. swing (mm)	12570	12410
J Max. loading height (mm)	6840	6040
K Max. pin height (mm)	13650	14100
Operating weight with 710 mm shoes (kg)	73740	73270
810 mm shoes (kg)	74440	73970
910 mm shoes (kg)	75140	74770



Remark: The straight boom is intended for demolition applications. The digging range is shown for reference only. Please consult with your distributor regarding the correct selection of demolition attachment.

TRANSPORT DIMENSIONS

STRAIGHT BOOMS



Arm		PC210LCD-6		PC340LCD-6		PC450LCD-6		PC750D-6		
		arm	mm	arm	mm	arm	mm	arm	mm	
A	Shipping height	1,8 m	2691	2,2 m	3199	2,4 m	3458	2,9 m	4200	
		2,4 m	2768	2,5 m	3117	2,9 m	3400	3,6 m	4500	
		2,9 m	2743	3,1 m	3117	3,4 m	3400	–	–	
B	Shipping length	1,8 m	10222	2,2 m	11410	2,4 m	12752	2,9 m	14680	
		2,4 m	10101	2,5 m	11311	2,9 m	12695	3,6 m	14350	
		2,9 m	10094	3,1 m	11268	3,4 m	12698	–	–	
G	Transport length	1,8 m	8080	2,2 m	8458	2,4 m	9855	2,9 m	12030	
		2,4 m	7222	2,5 m	7859	2,9 m	8920	3,6 m	11450	
		2,9 m	6511	3,1 m	7168	3,4 m	8228	–	–	
C	Track length	–	4445	–	4953	–	5356	–	5810	
D	Track length on ground	–	3640	–	4030	–	4350	–	4500	
E	Tail swing radius	–	2780	–	3384	–	3500	–	4300	
F	Overall track width with 700 mm	–	3080	–	3290	–	3072 ¹ 3570	–	3490 ¹	4210
	800 mm	–	3180	–	3390	–	3172 ¹ 3670	–	4310	
	900 mm	–	3280	–	–	–	–	–	4410	
H	Machine tail height	–	2005	–	2195	–	2365	–	3495	
I	Overall height of cab	–	2905	–	3130	–	3265	–	3515	
J	Overall width of upper structure	–	3080	–	3397	–	3397	–	4110	
K	Overall width of machine body*	–	2905	–	2995	–	2995	–	3195	
L	Track gauge	–	2380	–	2590	–	2372 ¹ 2870	2780 ¹	2780 ¹	3500

* without revolving frame side protection

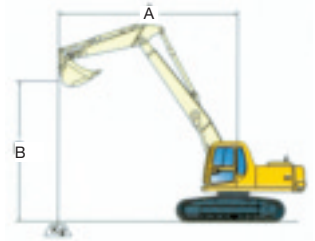
¹ transport dimensions

All dimensions are approximate

LIFTING CAPACITIES

PC210LCD-6

Arm length	A B	10.5 m		9.0 m		7.5 m		6.0 m		4.5 m	
STRAIGHT BOOM 1800 mm	With 600 mm shoe	10.5 m	kg								
		9.0 m	kg	*5750	5750					*7400	6700
		7.5 m	kg								
		6.0 m	kg	3900	2550			4000	2600	6050	4050
		4.5 m	kg							7700	6600
		3.0 m	kg	3050	1950			3850	2500	5500	3550
		1.5 m	kg								
		0.0 m	kg	3100	1950			3700	2850	5150	3250
		-1.5 m	kg								
		-3.0 m	kg					*4650	3300		
STRAIGHT BOOM 2400 mm	With 600 mm shoe	10.5 m	kg								
		9.0 m	kg	*4850	4250					*6500	*6500
		7.5 m	kg								
		6.0 m	kg	3400	2200			4100	2700	*5850	4150
		4.5 m	kg							*6100	*6100
		3.0 m	kg	2750	1700			3900	2500	5600	3650
		1.5 m	kg								
		0.0 m	kg	2750	1700			3700	2300	5200	3250
		-1.5 m	kg								
		-3.0 m	kg					3750	2400	5250	3300
STRAIGHT BOOM 2930 mm	With 600 mm shoe	10.5 m	kg	*6500	*6500						
		9.0 m	kg	*4400	*4400					*6350	*6350
		7.5 m	kg	*3750	*3400					*6050	4900
		6.0 m	kg	*9500	2750			5100	3350	*6250	4800
		4.5 m	kg	*3400	2400			5000	3250	*6750	4600
		3.0 m	kg	*3400	2250	3600	2350	4850	3150	6850	4350
		1.5 m	kg	3450	2250	3600	2300	4750	3000	6600	4100
		0.0 m	kg	3550	2250	3600	2300	4650	2950	6450	4000
		-1.5 m	kg	3850	2450			4650	2900	6450	3950
		-3.0 m	kg	3550	2250			*4950	3000	*8000	4050



A – Reach from swing center

B – Bucket hook height

– Rating over front

– Rating over side

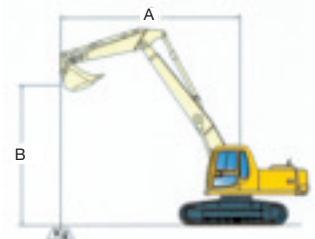
– Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

LIFTING CAPACITIES

PC340LCD-6

Arm length	A B	8.0 m		7.0 m		6.0 m		5.0 m		4.0 m	
STRAIGHT BOOM 2200 mm	With 700 mm shoe	10.5 m	kg								
		9.0 m	kg	*9050	7150			*10250	8350	*11450	*11450
		7.5 m	kg								
		6.0 m	kg	6700	4100			*9300	6250	*10600	8150
		4.5 m	kg							*12450	11050
		3.0 m	kg	5600	3350			9300	5600	*11550	7000
		1.5 m	kg								
		0.0 m	kg	*5350	3350			8700	5100	*10300	6450
		-1.5 m	kg								
		-3.0 m	kg	*3000	*3000			*4950	*4950	*5850	*5850
STRAIGHT BOOM 2550 mm	With 700 mm shoe	10.5 m	kg	*8500	*8500					*10400	*10400
		9.0 m	kg	*6750	5550					*9450	7800
		7.5 m	kg	*6000	4100			*8400	5150	*9350	7800
		6.0 m	kg	*5700	3350	6300	3450	*8500	5050	*10300	7500
		4.5 m	kg	5500	2900	6300	3450	*8600	4800	*10950	7000
		3.0 m	kg	5200	2700	6150	3300	8300	4550	*11500	6400
		1.5 m	kg	5100	2650	6000	3200	8050	4300	11400	6000
		0.0 m	kg	*4950	2750	5950	3100	7850	4150	*10550	5750
		-1.5 m	kg	*4100	3000	*4900	3150	*7050	4100	*8950	5700
		-3.0 m	kg	*2800	*2800			*4950	4200	*6500	5850
STRAIGHT BOOM 3185 mm	With 700 mm shoe	10.5 m	kg	*5400	*5400					*6350	*6350
		9.0 m	kg	*4500	*4500					*7300	*7300
		7.5 m	kg	*4050	3550			*4250	3550	*7250	5300
		6.0 m	kg	*3850	2950			6500	3600	*8000	5200
		4.5 m	kg	*3800	2600			6400	3500	*8550	4950
		3.0 m	kg	*3900	2450	*4300	2450	6200	3400	8450	4650
		1.5 m	kg	*4050	2400	4700	2400	6050	3250	8100	4400
		0.0 m	kg	*4350	2450			5950	3150	7900	4200
		-1.5 m	kg	*4000	2650			*5750	3100	*7650	4100
		-3.0 m	kg	*3000	*3000			*3800	3200	*6000	4150



A – Reach from swing center

B – Bucket hook height

– Rating over front

– Rating over side

– Rating at maximum reach

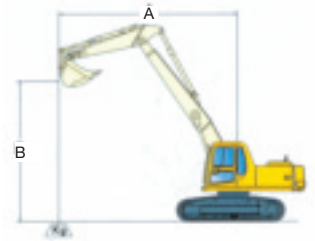
When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

* Load is limited by hydraulic capacity rather than tipping.
 Ratings are based on SAE Standard No. J1097.
 Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

LIFTING CAPACITIES

PC450LCD-6

Arm length	A B		10.5 m		9.0 m		7.5 m		6.0 m		4.5 m	
STRAIGHT BOOM 	With 600 mm shoe	9.0 m kg	*10600	7350		*10950	8100		*13450	*13450		
		7.5 m kg										
		6.0 m kg	8200	5050		*10050	6350		*14950	12550		
		4.5 m kg										
		3.0 m kg	7150	4300		9650	5850					
		1.5 m kg										
		0.0 m kg	*6500	4350		*9000	5550					
		-1.5 m kg										
		-3.0 m kg	*4250	*4250		*5250	*5250		*8000	*8000		
		-4.5 m kg										
STRAIGHT BOOM 	With 600 mm shoe	9.0 m kg	*9700	6450			*10950	9100	*12850	*12850		
		7.5 m kg	8400	5200		*9600	6350	*11200	8950	*13450	13250	
		6.0 m kg	7350	4450	7450	4550	*9750	6200	*11650	8550	*14400	12450
		4.5 m kg	6750	4050	7350	4450	9650	5950	*12100	8050	*15400	
		3.0 m kg	6450	3800	7200	4300	9300	5650	*12350	7550		
		1.5 m kg	6350	3750	7100	4200	9050	5400	12000	7150		
		0.0 m kg	*6250	3800	7000	4100	8900	5250	*11350	6900	*13950	9550
		-1.5 m kg	*5500	4100	*5700	4150	*8000	5200	*9950	6800	*11850	9550
		-3.0 m kg	*4400	*4400			*6050	5300	*7850	6900	*9100	*9100
		-4.5 m kg						*4700	*4700			
STRAIGHT BOOM 	With 600 mm shoe	9.0 m kg	*6350	5750		*9400	6700					
		7.5 m kg										
		6.0 m kg	*5950	4150		*9650	6500		*14000	13100		
		4.5 m kg										
		3.0 m kg	*6150	3600		9750	5950		*15950	11150		
		1.5 m kg										
		0.0 m kg	*5850	3650		9250	5500		*14750	10050		
		-1.5 m kg										
		-3.0 m kg	*4150	*4150		*6900	5450		*10400	10100		
		-4.5 m kg										



A – Reach from swing center

B – Bucket hook height

– Rating over front

– Rating over side

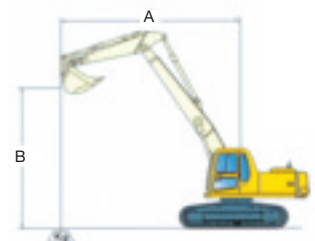
– Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

LIFTING CAPACITIES

PC750D-6

Arm length	A B		12.0 m		10.5 m		9.0 m		7.5 m		6.0 m	
STRAIGHT BOOM 	With 710 mm shoe	13.5 m kg	*2200	*2200								
		12.0 m kg	*16900	16250					*20700	20050	*23450	*23450
		10.5 m kg	*14650	11600			*17450	14050	*20450	*20450	*20750	*20750
		9.0 m kg	12200	9200		13000	9900	*17500	14150	*20750	20300	*20250
		7.5 m kg	10500	7750		13050	9950	*17750	13750	*21450	19450	
		6.0 m kg	9400	6900	9500	6950	12800	9650	17100	13100	*22150	18200
		4.5 m kg	8800	6350	9450	6900	12350	9250	16300	12350		
		3.0 m kg	8500	6100	9300	6750	11950	8850	15550	11650		
		1.5 m kg	*8350	6100	9150	6600	11550	8500	14950	11050		
		0.0 m kg	*6850	6300	*8100	6550	11350	8250	14350	10500	*18300	14300
STRAIGHT BOOM 	With 710 mm shoe	13.5 m kg	*13400	*13400								
		12.0 m kg	*11100	*11100			*13550	*13550	*18100	*18100		
		10.5 m kg	*9950	*9950		*10500	10250	*17025	14850	*17700	*17700	
		9.0 m kg	*9300	8250		13750	10600	*17200	14800	*17950	*17950	
		7.5 m kg	*8950	7100	10100	7550	13600	10450	*17550	14350	*20200	*19150
		6.0 m kg	8650	6350	10050	7500	13250	10100	17700	13700	*21900	19050
		4.5 m kg	8150	5900	9850	7300	12750	9650	16850	12900	*22600	17600
		3.0 m kg	7850	5650	9550	7050	12250	9200	16000	12100	21550	16250
		1.5 m kg	7850	5600	9350	6800	11850	8750	15300	11400	20450	15200
		0.0 m kg	*7100	5800	9150	6650	11500	8450	14550	10700	19800	14600
		-1.5 m kg	*5600	5600	*7650	6600	*11100	8300	*13700	10350	*17050	14300
		-3.0 m kg	*3650	*3650			*8150	*8150	*10650	10400	*13200	*13200



A – Reach from swing center

B – Bucket hook height

– Rating over front

– Rating over side

– Rating at maximum reach

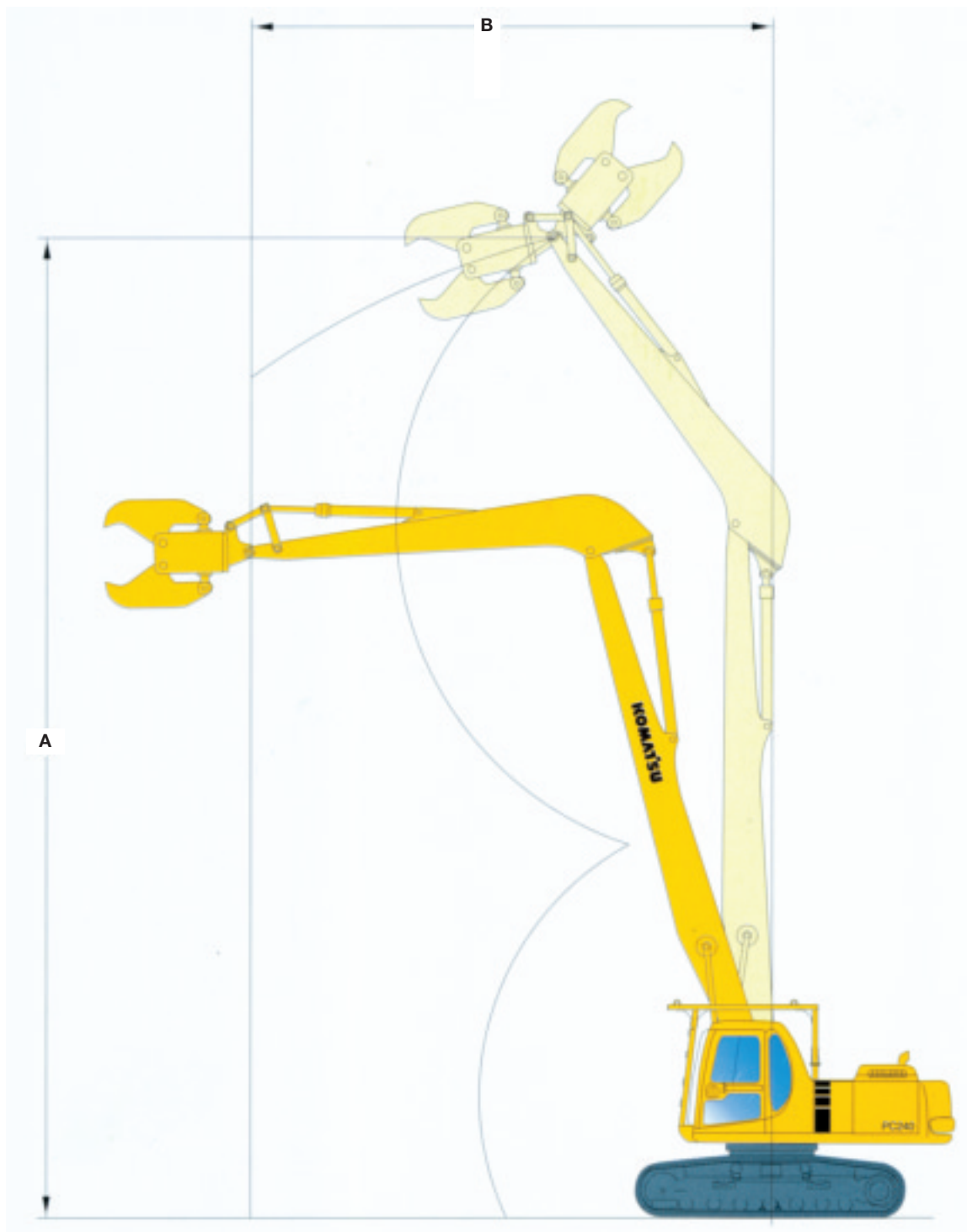
When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

NOTES

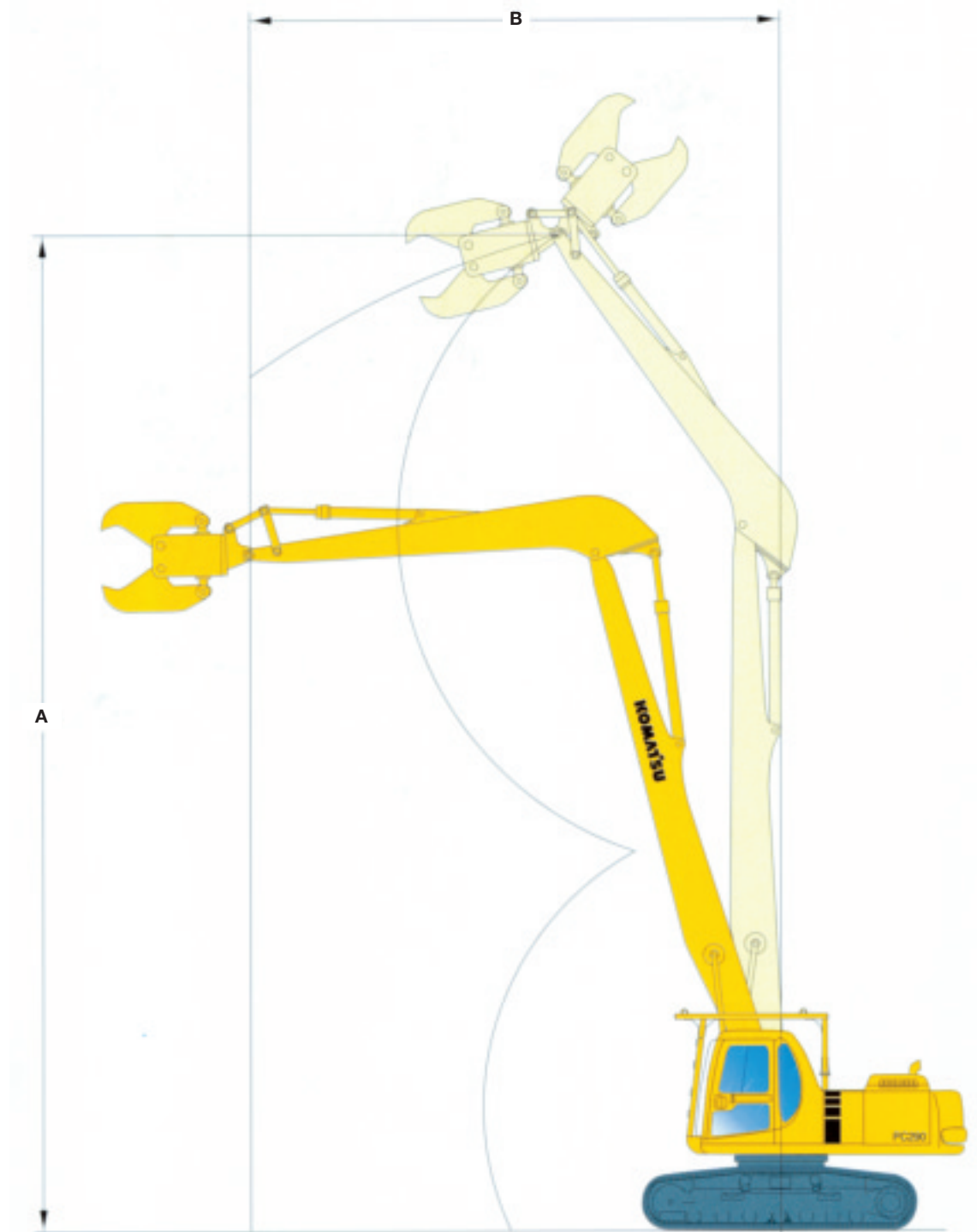
[illegible]

HIGH REACH DEMOLITION



PC240LCD-6		
A	Max. working height (to pin)	15190 mm
B	Max. working reach (to pin)	8170 mm
	Arm length (from end to end)	6410 mm
	Boom length (from end to end)	9177 mm
	Boom length (pin to pin)	9000 mm
	Arm weight	1920 kg
	Boom weight	2630 kg
	Max. allowable attachment weight	2450 kg

HIGH REACH DEMOLITION

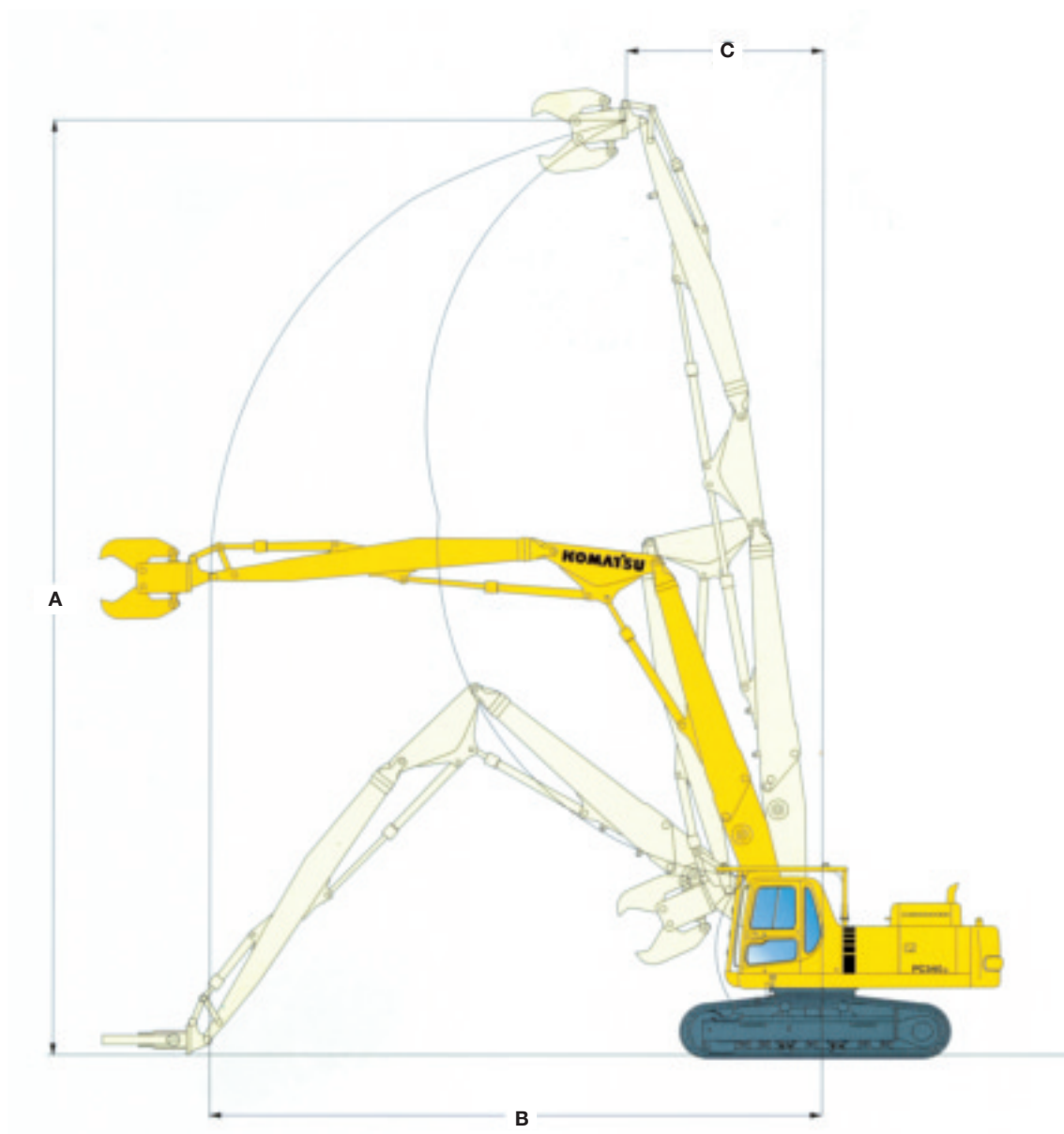


PC290LCD-6		
A	Max. working height (to pin)	15370 mm
B	Max. working reach (to pin)	8170 mm
	Arm length (from end to end)	6410 mm
	Boom length (from end to end)	9177 mm
	Boom length (pin to pin)	9000 mm
	Arm weight	1920 kg
	Boom weight	2630 kg
	Max. allowable attachment weight	2450 kg

WORKING RANGES

PC340LCD-6

HIGH REACH DEMOLITION with mid-boom removed

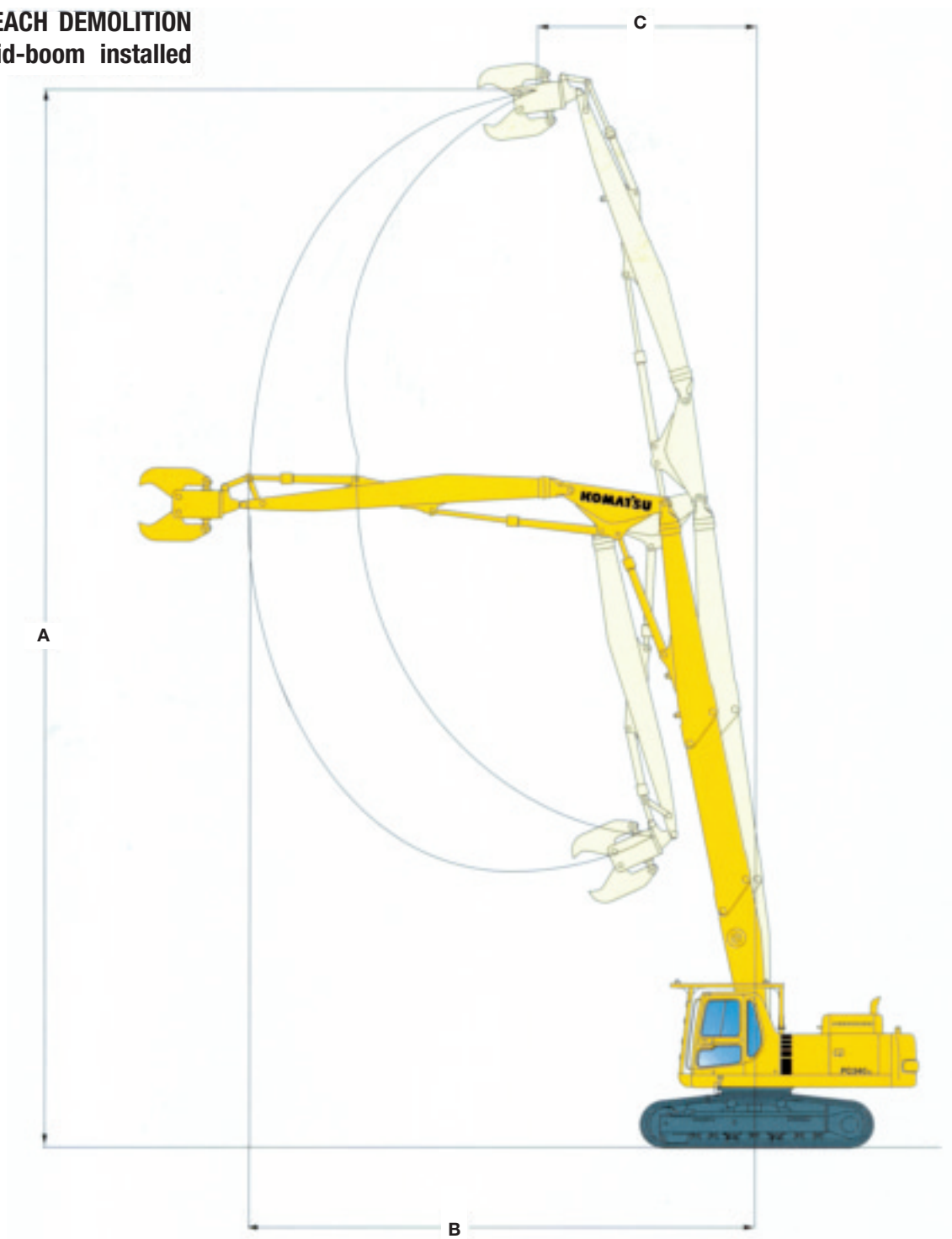


PC340LCD-6		
A	Max. working height (to pin)	17850 mm
B	Max. working reach (to pin)	11500 mm
C	Min. swing (to pin)	3790 mm
	Arm length (from end to end)	6530 mm
	Mid link (from end to end)	2350 mm
	Boom length (from end to end, 2 pieces)	7390 mm
	Arm weight	2380 kg
	Mid link weight	1370 kg
	Boom weight (2 pieces)	4080 kg

WORKING RANGES

PC340LCD-6

**HIGH REACH DEMOLITION
with mid-boom installed**

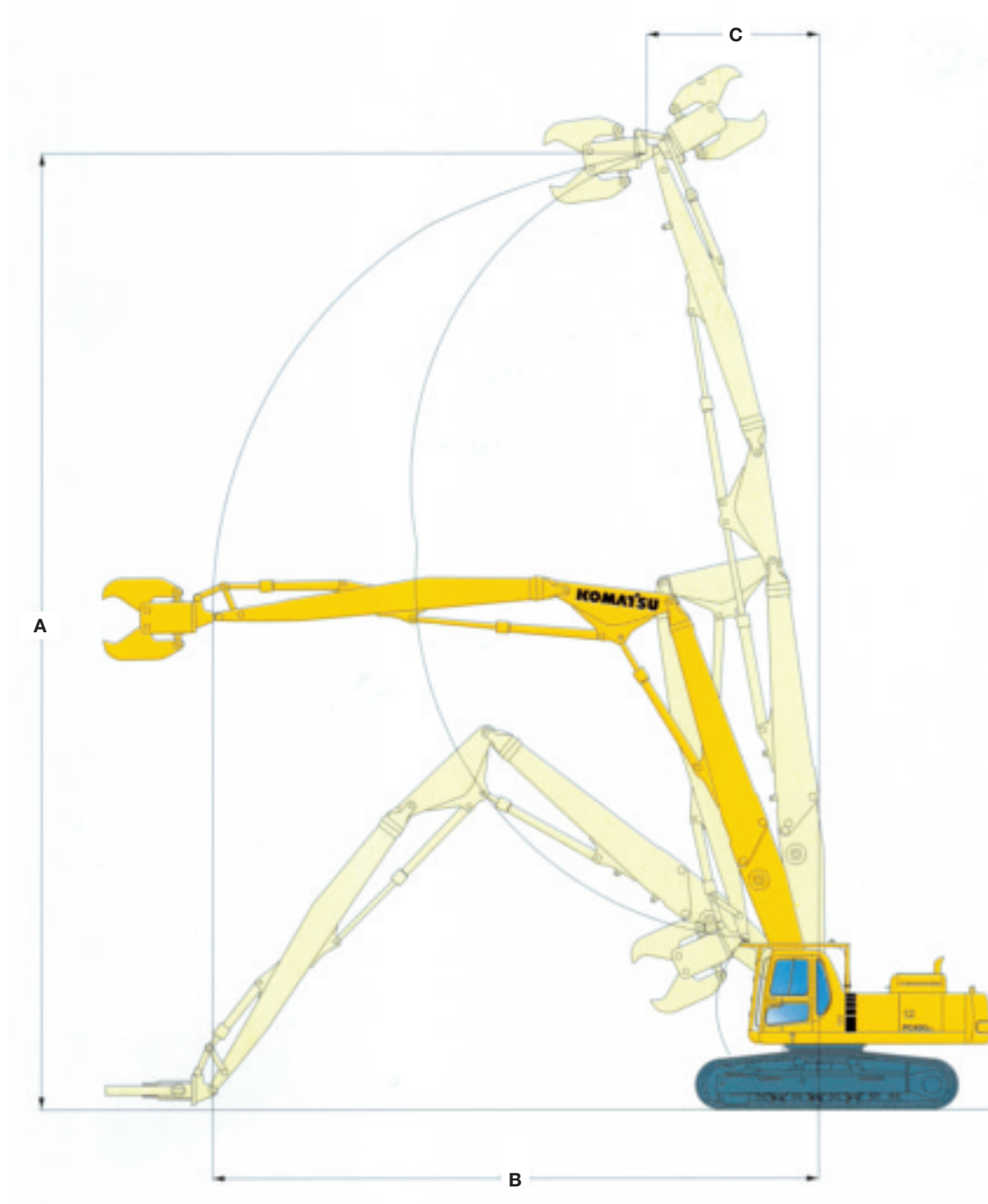


PC340LCD-6		
A	Max. working height (to pin)	20500 mm
B	Max. working reach (to pin)	11000 mm
C	Min. swing (to pin)	4210 mm
	Arm length (from end to end)	6530 mm
	Mid link (from end to end)	2350 mm
	Boom length (from end to end, 3 pieces)	10890 mm
	Arm weight	2380 kg
	Mid link weight	1370 kg
	Boom weight (3 pieces)	5400 kg

WORKING RANGES

PC450LCD-6

HIGH REACH DEMOLITION with mid-boom removed

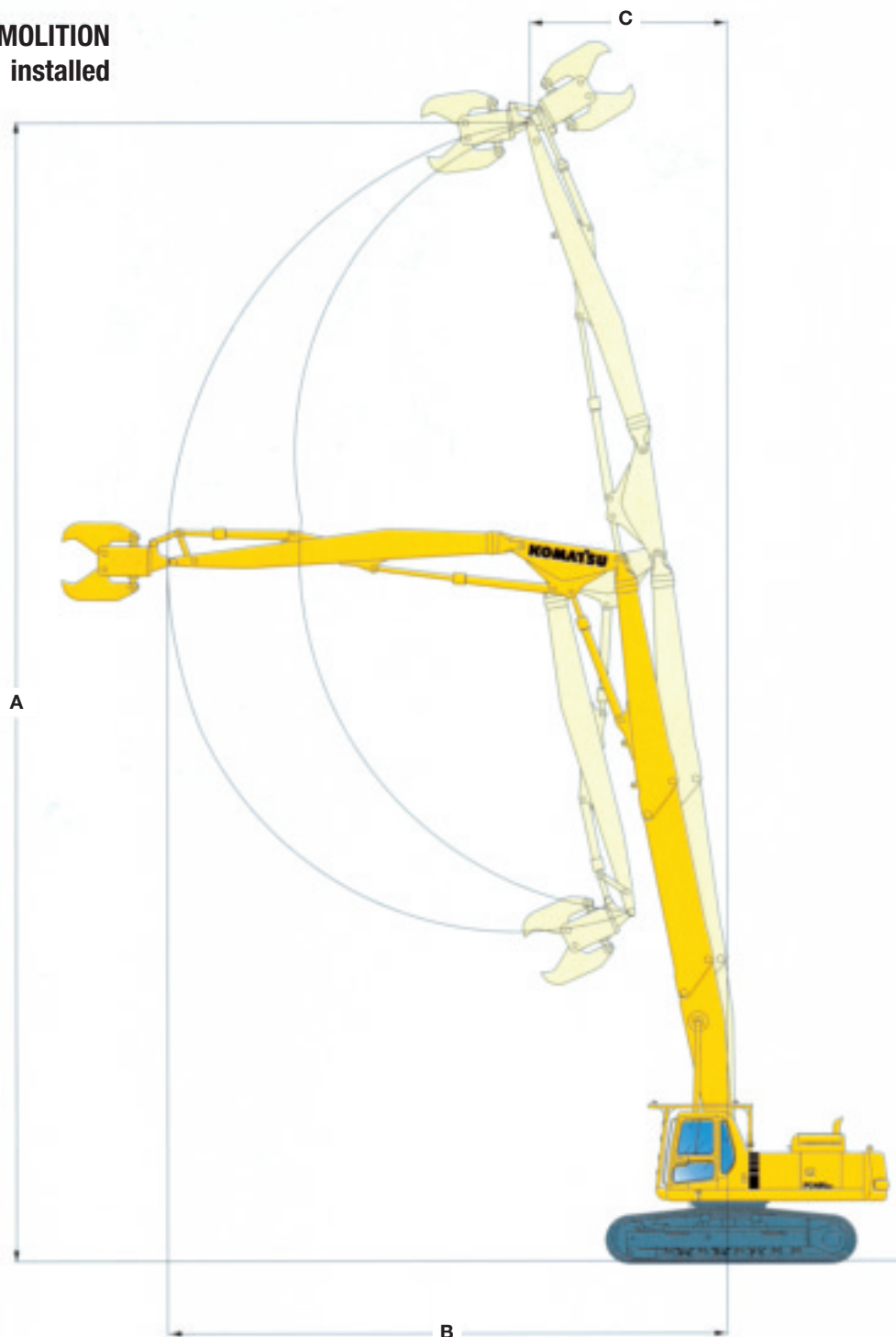


PC450LCD-6		
A	Max. working height (to pin)	21090 mm
B	Max. working reach (to pin)	13300 mm
C	Min. swing (to pin)	3790 mm
	Arm length (from end to end)	7900 mm
	Mid link (from end to end)	2700 mm
	Boom length (from end to end, 2 pieces)	8980 mm
	Arm weight	3030 kg
	Mid link weight	1180 kg
	Boom weight (2 pieces)	5550 kg

WORKING RANGES

PC450LCD-6

HIGH REACH DEMOLITION
with mid-boom installed

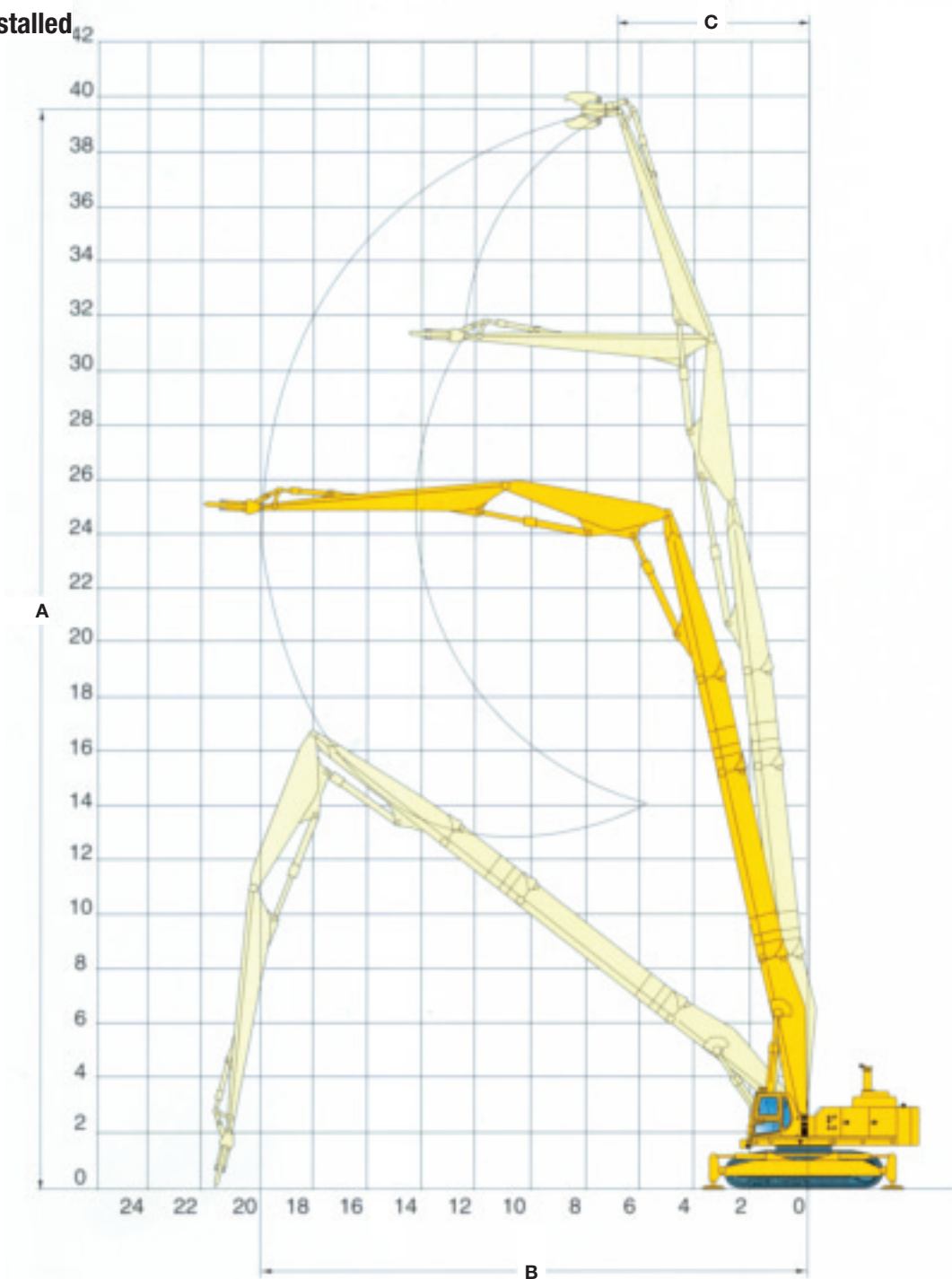


PC450LCD-6		
A	Max. working height (to pin)	25000 mm
B	Max. working reach (to pin)	12300 mm
C	Min. swing (to pin)	4335 mm
	Arm length (from end to end)	7900 mm
	Mid link (from end to end)	2700 mm
	Boom length (from end to end, 3 pieces)	13830 mm
	Arm weight	3030 kg
	Mid link weight	1180 kg
	Boom weight (3 pieces)	7900 kg

WORKING RANGES

PC750D-6

HIGH REACH DEMOLITION with mid-booms installed



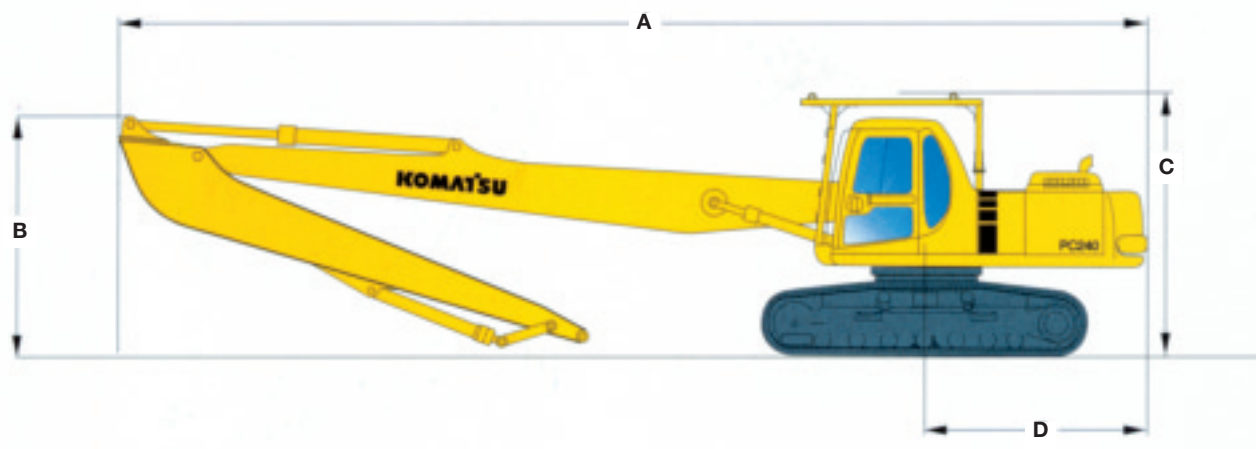
PC750D-6		
A	Max. working height (to pin)	39500 mm
B	Max. working reach (to pin)	20000 mm
C	Min. swing (to pin)	7060 mm
	Arm length (from end to end)	9250 mm
	Mid link (from end to end)	6300 mm
	Boom length (from end to end, 4 pieces)	24190 mm
	Arm weight	2900 kg
	Mid link weight	3300 kg
	Boom weight (4 pieces)	14700 kg

TRANSPORT DIMENSIONS

**FOR HIGH REACH
DEMOLITIONS**

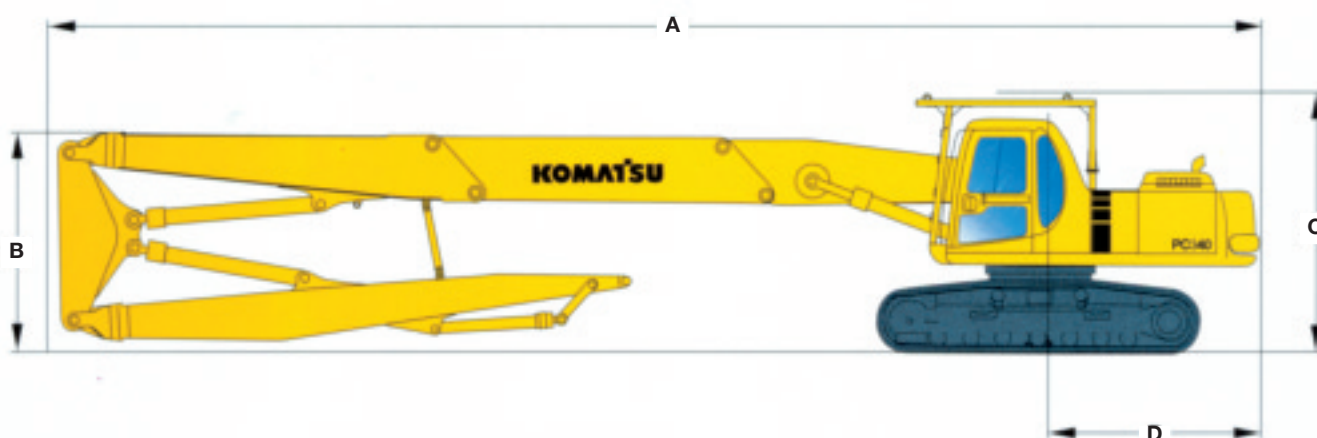
TRANSPORT 2 piece equipment

PC240LCD-6 - PC290LCD-6



TRANSPORT 3 piece equipment

PC340LCD-6 - PC450LCD-6

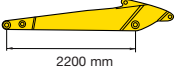
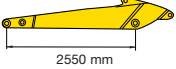
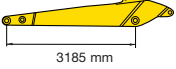
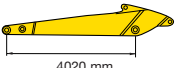


	PC240LCD-6	PC290LCD-6	PC340LCD-6 with mid-boom	PC340LCD-6 without mid-boom	PC450LCD-6 with mid-boom	PC450LCD-6 without mid-boom	PC750D* 4 piece boom
A Overall length (mm)	12830	12920	14525	11845	17610	13690	27160
B Boom height (mm)	2950	2980	3000	3000	3170	3100	6520
C Cab height with FOPS (mm)	3240	3400	3290	3290	3420	3420	3890
without FOPS (mm)	2905	3050	3130	3130	3265	3265	3515
D Distance from center to counterweight (mm)	2850	2860	3585	3585	3760	3760	4300
Max. tool weight (kg)	2450	2450	2300	2300	2300	2300	2400
Operating weight 600 mm (kg)	—	—	—	—	—	—	—
700 mm (kg)	26940	30050	40780	39460	53470	51120	101210
800 mm (kg)	27240	30410	41400	40080	53930	51580	101880
900 mm (kg)	27250	30770	42020	40700	54390	52040	102560

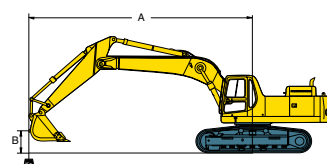
* PC750 must be disassembled for transportation
All dimensions are approximate

LIFTING CAPACITIES

EXCAVATION BOOMS

Arm length	A B		8.5 m		6.5 m		5.5 m		4.5 m		3.5 m	
With 700 mm shoe 	8.0 m	kg	*7550	6650		*7700	7550					
	6.0 m	kg	*7050	4650		*8150	7300	*9200	*9200			
	4.0 m	kg	6300	3800	6950	4250	*9200	6700	*10900	8650	*13750	11600
	2.0 m	kg	5850	3450	6700	4000	*10000	5950	*12200	7600		
	0.0 m	kg	5950	3500	6450	3800	9750	5650	*12200	7150	*13700	9600
	-2.0 m	kg	6750	3950			*9350	5550	*10950	7100	*12650	9750
	-4.0 m	kg	*6350	5300			*6950	5800	*8300	7400	*9450	*9450
With 700 mm shoe 	8.0 m	kg	*5550	*5550		*7350	*7350					
	6.0 m	kg	*5450	4200	*6700	4500	*7850	7400	*8800	*8800		
	4.0 m	kg	*5700	3500	7000	4300	*8950	6800	*10550	8800	*13150	12000
	2.0 m	kg	5450	3200	6700	4000	*9900	6100	*12050	7750	*12400	10200
	0.0 m	kg	5500	3200	6450	3800	9800	5650	*12300	7200	*13700	9700
	-2.0 m	kg	6150	3600	6400	3750	*9600	5550	*11300	7100	*13300	9750
	-4.0 m	kg	*6100	4700			*7500	5650	*8950	7350	*10350	10100
With 700 mm shoe 	8.0 m	kg	*3700	*3700								
	6.0 m	kg	*3650	*3650	*6250	4600	*7250	*7250				
	4.0 m	kg	*3800	3150	*6700	4350	*8400	6950	*9800	9150	*12050	*12050
	2.0 m	kg	*4250	2850	6750	4050	*9550	6200	*11600	8000	*14800	10650
	0.0 m	kg	5000	2850	6450	3750	9850	5700	*12300	7300	*15350	9800
	-2.0 m	kg	5500	3150	6300	3650	9600	5500	*11750	7050	*14150	9650
	-4.0 m	kg	*5950	3950			*8300	5550	*9850	7150	*11650	9850
With 700 mm shoe 	8.0 m	kg	*5250	*5250			*7000	*7000				
	6.0 m	kg	*5150	3950	*6400	4200	*7500	7100	*8450	*8450		
	4.0 m	kg	*5400	3200	*6700	4000	*8600	6500	*10200	8500	*12800	11650
	2.0 m	kg	5150	2900	6400	3700	*9550	5800	*11700	7450	*12100	9850
	0.0 m	kg	5250	2900	6150	3500	9450	5350	*11950	5900	*13400	9350
	-2.0 m	kg	5850	3300	6100	3450	*9200	5200	*10950	5800	*12950	9400
	-4.0 m	kg	*5750	4400			*7150	5350	*8550	7000	*9950	9750

PC340LCD-6



A – Reach from swing center

B – Bucket hook height

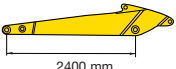
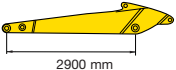
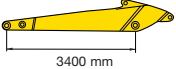
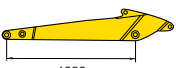
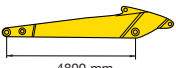
– Rating over front

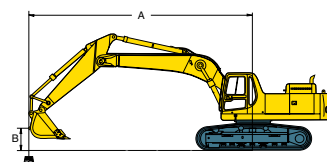
– Rating over side

– Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

Lifting tables are calculated inclusive bucket.

Arm length	A B		8.5 m		6.5 m		5.5 m		4.5 m		3.5 m	
With 700 mm shoe 	8.0 m	kg	*9750	8400		*10750	*10750					
	6.0 m	kg	*9300	6450	*9700	7400	*11850	11700	*13600	*13600	*16300	*16300
	4.0 m	kg	8850	5500	*10300	7000	*13450	10700	*16700	13700		
	2.0 m	kg	8400	5150	10750	6600	*14600	9800	*17700	12350		
	0.0 m	kg	8600	5200	10450	6350	*14600	9350	*17200	11850		
	-2.0 m	kg	*9050	5800	*9850	6300	*13350	9250	*15350	11900	*17200	16450
	-4.0 m	kg	*8400	7450			*10500	9500	*12000	*12000		
With 700 mm shoe 	8.0 m	kg	*8950	7700		*10100	*10100					
	6.0 m	kg	*8650	6000	*9300	7500	*11250	*11250	*12800	*12800		
	4.0 m	kg	8350	5200	*10000	7100	*12900	10900	*15250	13850	*19650	18950
	2.0 m	kg	7900	4850	*10600	6650	*14300	9900	*17400	12600		
	0.0 m	kg	8050	4850	10400	6300	*14600	9350	*17450	11900	*17300	16150
	-2.0 m	kg	*8800	5350	*10100	6200	*13700	9160	*16000	11800	*18550	18300
	-4.0 m	kg	*8500	6700			*11300	9350	*13050	12050	*14800	*14800
With 700 mm shoe 	8.0 m	kg	*5300	*5300								
	6.0 m	kg	*5350	4650	*8250	6950	*10050	*10050				
	4.0 m	kg	*5650	3950	*8950	6400	*11550	10150	*13800	13250	*17300	*17300
	2.0 m	kg	*6250	3600	*9550	5800	*12900	8850	*15700	11300	*17100	14950
	0.0 m	kg	6450	3600	9350	5350	*13400	8050	*16100	10300	*16950	13950
	-2.0 m	kg	*7050	3950	9150	5150	*12750	7750	*15050	10050	*17850	13950
	-4.0 m	kg	*6950	4900	*7700	5250	*10850	7900	*12600	10300	*14550	14450
With 700 mm shoe 	8.0 m	kg	*4450	*4450	*7750	*7750						
	6.0 m	kg	*4500	*4500	*8250	7550	*9750	*9750				
	4.0 m	kg	*4750	4100	*9100	7100	*11600	11150	*13600	*13600	*16800	*16800
	2.0 m	kg	*5300	3800	9600	6550	*13350	10000	*16250	12900	*20750	17400
	0.0 m	kg	5800	3800	9100	6150	13900	9250	*17350	11800	*18600	16050
	-2.0 m	kg	6250	4100	8850	5900	13450	8850	*16850	11400	*20450	15700
	-4.0 m	kg	7400	4900	8850	5850	*12600	8800	*14850	11450	*17550	15900
With 700 mm shoe 	8.0 m	kg										
	6.0 m	kg	*1450	*1450								
	4.0 m	kg	*1400	*1400								
	2.0 m	kg	*1600	*1600			*5550	*5550				
	0.0 m	kg	*2000	*2000			*7600	*7600	*8900	*8900	*10650	*10650
	-2.0 m	kg	*2950	*2950			*8000	*8000	*10000	*10000	*12700	*12700
	-4.0 m	kg	*5850	*5850					*7450	*7450	*10650	*10650



A – Reach from swing center

B – Bucket hook height

– Rating over front

– Rating over side

– Rating at maximum reach

When removing bucket, linkage or cylinder, lifting capacities can be increased by their respective weights.

Lifting tables are calculated inclusive bucket.

* Load is limited by hydraulic capacity rather than tipping.
Ratings are based on SAE Standard No. J1097.
Rated loads do not exceed 87% of hydraulic lift capacity or 75% of tipping load.

KOMATSU DEMOLITION EQUIPMENT

Specification item	Unit	PC210LCD-6	PC240LCD-6	PC290LCD-6	PC340LCD-6	PC450LCD-6	PC750D-6
Power rating SAE J1349 (Gross)	kW (HP)	140 (104)	166 (124)	185 (138)	245 (183)	323 (241)	-
SAE J1349 (Net)	kW (HP)	133 (99)	158 (118)	174 (130)	232 (173)	306 (228)	444 (331)
Noise levels Lwa external (95/27/EC)	dBA	105	105	106	107	106	111
Lpa Operator ear (95/27/EC)	dBA	80	80	80	80	80	81
Maximum pump flow	l/min	2 x 206	2 x 216	2 x 226	2 x 268	2 x 326	1008
Batteries	V (Ah)	2 x 12 (110)	2 x 12 (110)	2 x 12 (110)	2 x 12 (170)	2 x 12 (160)	2 x 12 (160)
Starter motor	V (kW)	24 (5.2)	24 (5.2)	24 (5.2)	24 (7.5)	24 (7.5)	24 (7.5)
Demolition straight boom		○	□	□	○	○	○
High reach demolition (2 piece)		□	○	○	□	□	□
High reach demolition (3 piece)		□	□	□	○	○	□
High reach demolition (4 piece)		□	□	□	□	□	○
Excavation boom attachment		□	□	□	○	○	□
Arm cylinder safety valves (straight boom)		○	○	○	○	○	○
Mid-link safety valves (high reach demolition)		●	●	●	●	●	●
Adjustable restrictors (High reach boom)		□	□	□	●	●	●
Boom angle alarm (High reach boom)		□	●	●	●	●	●
Removable additional counterweight		□	□	□	●	●	○
Reinforced center beam		●	●	●	●	●	●
Reinforced under covers		●	●	●	●	●	●
Hydraulic circuit for attachment		●	●	●	●	●	●
Hydraulic circuits for attachment rotation		○	○	○	●	●	●
FOPS and front guard		●	●	●	●	●	●
Work equipment stand		□	□	□	○	○	□
Revolving frame side protection		●	●	●	●	●	●
Boom lift cylinder safety valves		●	●	●	●	●	●
Engine key stop		●	●	●	●	●	●
HydrauMind		●	●	●	●	●	□
Power Max function		●	●	●	●	●	□
Auto deceleration function		●	●	●	●	●	●
Automatic engine warm up system		●	●	●	●	●	●
Engine overheat prevention system		●	●	●	●	●	●
Fuel control dial		●	●	●	●	●	●
PPC wrist control levers		●	●	●	●	●	●
PPC levers and pedals for travel		●	●	●	●	●	●
Radio cassette		●	●	●	●	●	●
Overload warning device		●	●	●	●	●	□
Fuel supply pump		●	●	●	●	●	●
Lockable fuel cap and covers		●	●	●	●	●	●
Track roller guards		●	●	●	●	●	●
Additional cab roof lights		○	○	○	○	○	○
Air conditioner		●	●	●	●	●	●
Heated suspension seat		○	○	○	○	○	○

- Standard equipment
- Optional equipment
- Not available

KOMATSU

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