SPECIFICATIONS

ENGINE

Model ..... Komatsu SAA6D114E-3
Type..... Common rail direct injection, water-cooled, emissionised, turbocharged, after-cooled diesel
Rated capacity ..... 184 kW/247 HP (ISO 9249 Net)
at engine speed ..... 1.950 rpm
No. of cylinders 6
Bore × stroke..... 114 × 135 mm
Displacement..... 8,27 ltr
Battery ..... 2 × 12 V/140 Ah
Alternator..... 24 V/60 A
Starter motor ..... 24 V/11 kW
Air filter type ..... Double element type with monitor panel dust indicator and auto dust evacuator
Cooling ..... Suction type cooling fan with radiator fly screen

HYDRAULIC SYSTEM

Type..... HydrauMind. Closed-centre system with load sensing and pressure compensation valves
Additional circuits..... 2 additional circuits are installed
Main pump ..... 2 variable displacement piston pumps supplying boom, arm, bucket, swing and travel circuits
Maximum pump flow..... 2 × 268 ltr/min
Relief valve settings
Implement ..... 380 bar
Travel ..... 380 bar
Swing ..... 285 bar
Pilot circuit ..... 33 bar

ENVIRONMENT

Engine emissions ..... Fully complies with EU Stage IIIA exhaust emission regulations
Noise levels
LwA external ..... 105 dB(A) (2000/14/EC Stage II)
LpA operator ear..... 71 dB(A) (ISO 6369 dynamic test)

SWING SYSTEM

Type..... Axial piston motor driving through planetary double reduction gearbox
Swing lock ..... Electrically actuated wet multi-disc brake integrated into swing motor
Swing speed..... 0 - 9,5 rpm
Swing torque ..... 102,9 kNm

DRIVES AND BRAKES

Steering control ..... 2 levers with pedals giving full independent control of each track
Drive method ..... Hydrostatic
Travel operation..... Automatic 3-speed selection
Max. travel speeds
Lo / Mi / Hi ..... 3,2 / 4,5 / 5,5 km/h
Maximum drawbar pull..... 26.900 kg
Brake system..... Hydraulically operated discs in each travel motor

UNDERCARRIAGE

Construction..... X-frame centre section with box section track-frames
Track assembly
Type ..... Fully sealed
Shoes (each side) ..... 48 (LC/NLC); 49 (HWG)
Tension ..... Combined spring and hydraulic unit
Rollers
Track rollers (each side)..... 8 (LC/NLC); 10 (HWG)
Carrier rollers (each side)..... 2

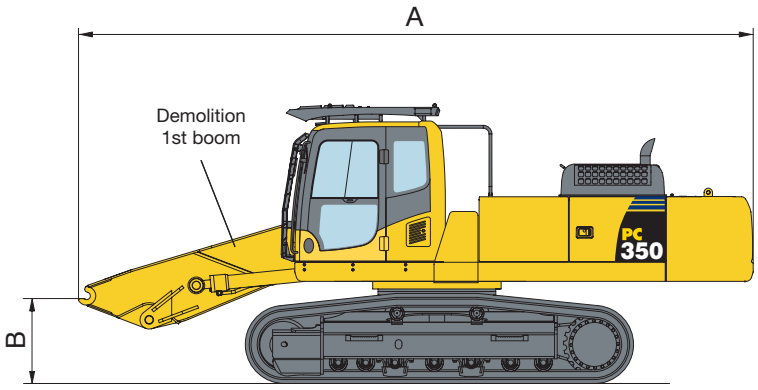
COOLANT AND LUBRICANT CAPACITY (REFILLING)

Fuel tank..... 605 ltr
Radiator..... 32 ltr
Engine oil..... 35 ltr
Swing drive..... 16,5 ltr
Hydraulic tank ..... 188 ltr
Final drive (each side)..... 9 ltr

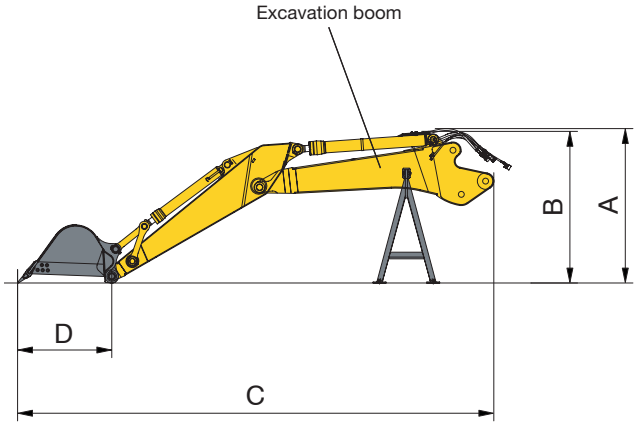
OPERATING WEIGHT (APPR.)

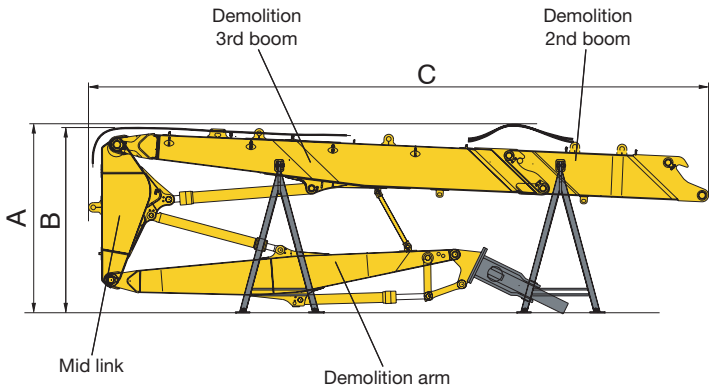
Operating weight, including specified work equipment. High reach and medium reach includes attachment weight of 2.500 kg. Excavation boom equipment includes 3,2 m arm and 1.290 kg bucket. All include operator, lubricant, coolant, full fuel tank.
Optional Hydraulic Wide Gauge (HWG) undercarriage adds approx. 6.115 kg to the machine weight (compared with NLC undercarriage).

	HIGH REACH				MEDIUM REACH				EXCAVATION BOOM			
	PC350LC-8		PC350NLC-8		PC350LC-8		PC350NLC-8		PC350LC-8		PC350NLC-8	
Triple grouser shoes	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure	Operating weight	Ground pressure
600 mm	47.810 kg	0,91 kg/cm²	47.700 kg	0,91 kg/cm²	46.550 kg	0,89 kg/cm²	46.440 kg	0,88 kg/cm²	38.651 kg	0,74 kg/cm²	38.541 kg	0,74 kg/cm²
700 mm	48.190 kg	0,78 kg/cm²	48.080 kg	0,78 kg/cm²	46.930 kg	0,77 kg/cm²	46.820 kg	0,77 kg/cm²	39.031 kg	0,64 kg/cm²	39.141 kg	0,64 kg/cm²



A	Transport length	8.060 mm
B	Maximum boom height (incl. hydraulic lines)	1.500 mm
	Transport weight with LC undercarriage (700 mm shoes, not including additional counterweight)	33.400 kg
	Additional weight for hydraulic wide gauge	6.115 kg
	Additional counterweight (1.470 mm × 730 mm × 535 mm)	4.490 kg

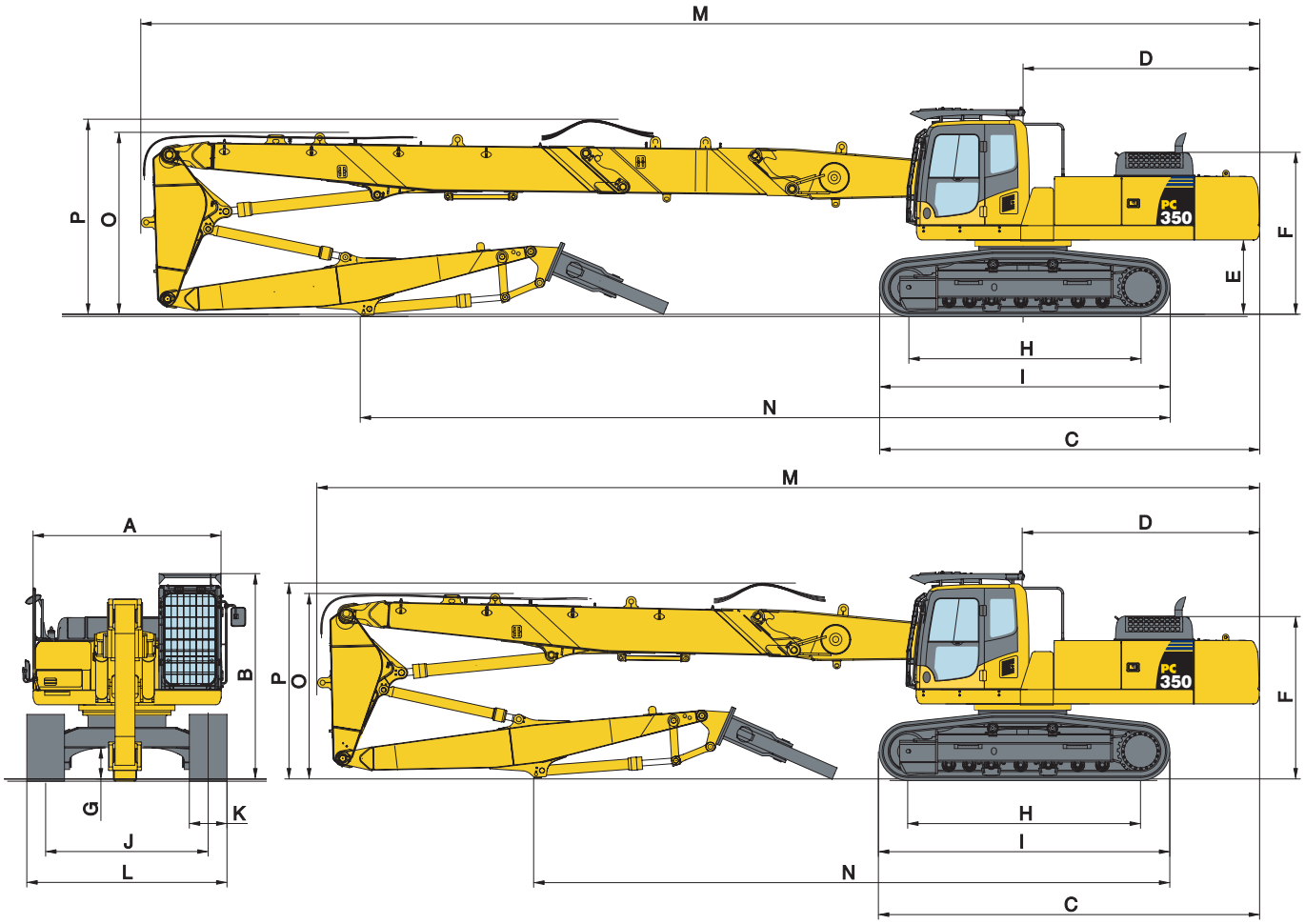




EQUIPMENT		EXCAVATION BOOM		HIGH REACH BOOM
		2,6 m arm	3,2 m arm	
A	Total height (incl. hydraulic lines)	2.625 mm	2.600 mm	3.205 mm
B	Height	2.540 mm	2.515 mm	3.140 mm
C	Length	8.110 mm	8.900 mm	10.515 mm
D	Tip radius	1.675 mm	1.675 mm	–
	Support weight	304 kg	304 kg	755 kg
	2nd boom weight	2.490 kg	2.490 kg	1.270 kg
	3rd boom weight [1]	–	–	2.500 kg
	Mid link weight	–	–	810 kg
	Arm weight [1]	1.710 kg	1.850 kg	1.790 kg
	Bucket weight	1.290 kg	1.290 kg	–
	Total weight [2]	6.040 kg	6.180 kg	8.555 kg

1) Not including hydraulic cylinder.
2) Including hydraulic cylinders, links, hydraulic lines, stands and stated attachment weight.

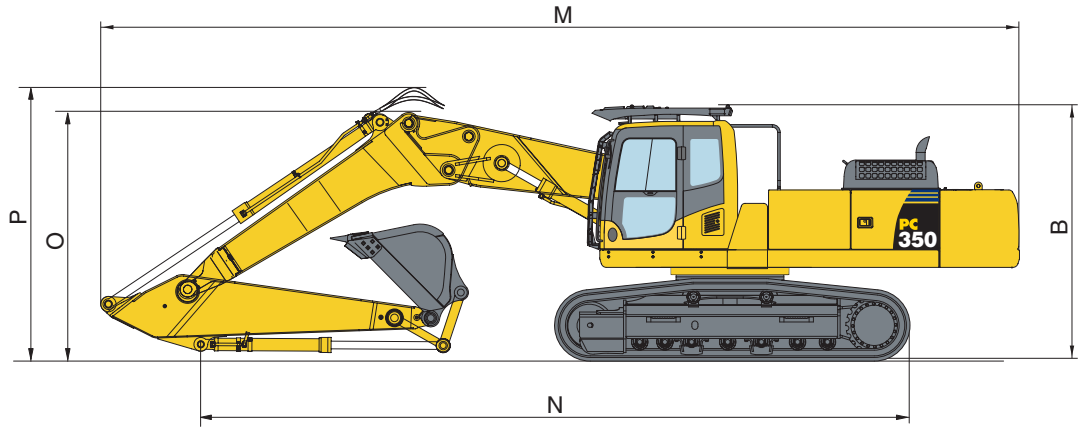
TRANSPORT DIMENSIONS



MACHINE DIMENSIONS		HIGH REACH	MEDIUM REACH
A	Overall width of upper structure [1]	2.995 mm	2.995 mm
B	Overall height of cab, with FOPS [2]	3.305 mm	3.305 mm
	Overall height of cab, without FOPS [2]	3.100 mm	3.100 mm
C	Overall length of basic machine	6.250 mm	6.250 mm
D	Tail length	3.775 mm	3.775 mm
E	Clearance under counterweight	1.185 mm	1.185 mm
F	Machine tail height	2.585 mm	2.585 mm
G	Ground clearance	498 mm	498 mm
	Ground clearance (HWG undercarriage)	449 mm	449 mm
H	Tumbler centre distance	4.030 mm	4.030 mm
I	Track length	4.955 mm	4.955 mm
J	Track gauge	2.590 mm (2.390 mm)	2.590 mm (2.390 mm)
	Track gauge (HWG undercarriage)	2.280 - 3.180 mm	2.280 mm - 3.180 mm
K	Track shoe width (700 mm only for HWG undercarriage)	600 mm, 700 mm	600 mm, 700 mm
L	Overall track width with 600 mm shoes [3]	3.190 mm (2.990 mm)	3.190 mm (2.990 mm)
	Overall track width with 700 mm shoes [3]	3.290 mm (3.090 mm)	3.290 mm (3.090 mm)
	Overall track width with 700 mm shoes (HWG undercarriage)	2.980 mm - 3.880 mm	2.980 mm - 3.880 mm
M	Transport length	17.800 mm	15.150 mm
N	Length on ground (transport)	16.100 mm	13.450 mm
O	Overall height (to top of boom)	2.880 mm	2.950 mm
P	Overall height (to top of hose)	3.150 mm	3.150 mm

1) Overall width of upper structure excludes side guards, handrails and mirrors. Side guards can be removed if transport width of less than 3 m is required.
2) Overall height with Hydraulic Wide Gauge (HWG) undercarriage: + 105 mm
3) NLC figures in brackets ()

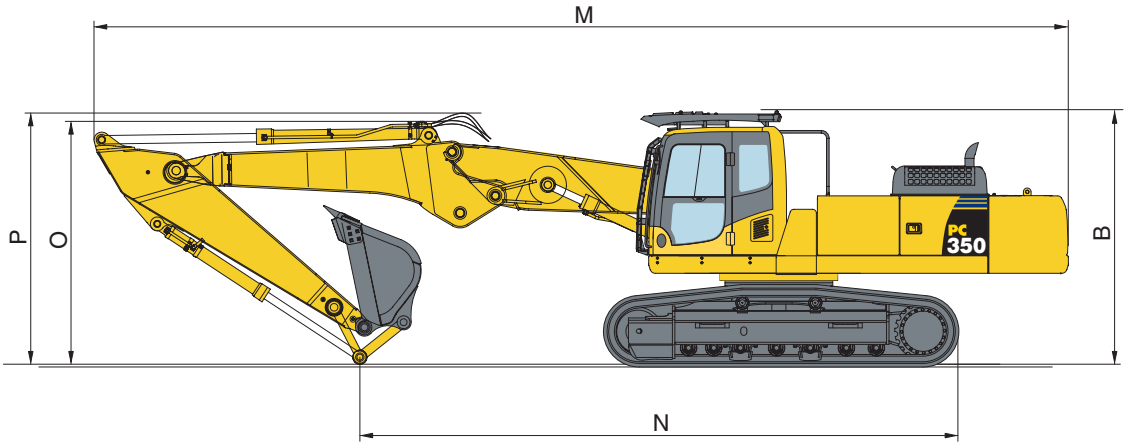
EXCAVATION BOOM - BENT POSITION



ARM LENGTH		2,6 m	3,2 m
M	Overall transport length	12.045 mm	11.955 mm
N	Transport length	6.930 mm	9.220 mm
B	Transport height (to top of cab, with FOPS)	3.305 mm	3.305 mm
	Transport height (to top of cab, without FOPS)	3.085 mm	3.085 mm
O	Transport height (to top of boom)	3.420 mm	3.225 mm
P	Transport height (to top of hose)	3.740 mm	3.550 mm

Overall height with Hydraulic Wide Gauge (HWG) undercarriage: + 105 mm

EXCAVATION BOOM - STRAIGHT POSITION

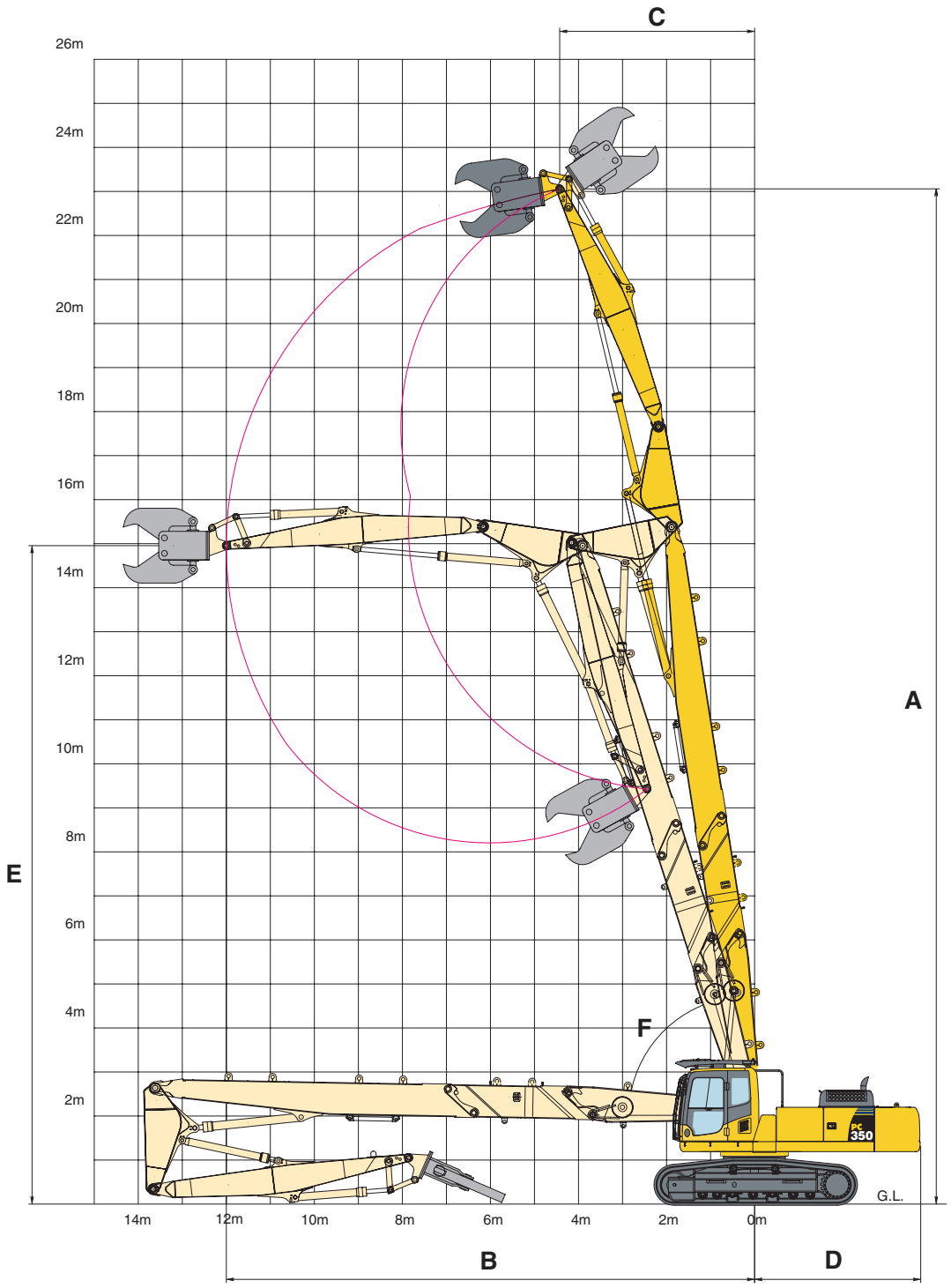


ARM LENGTH		2,6 m	3,2 m
M	Overall transport length	12.760 mm	12.670 mm
N	Transport length	8.520 mm	7.780 mm
B	Transport height (to top of cab, with FOPS)	3.305 mm	3.305 mm
	Transport height (to top of cab, without FOPS)	3.085 mm	3.085 mm
O	Transport height (to top of boom)	3.050 mm	3.165 mm
P	Transport height (to top of hose)	3.300 mm	3.400 mm

Overall height with Hydraulic Wide Gauge (HWG) undercarriage: + 105 mm

WORKING RANGE

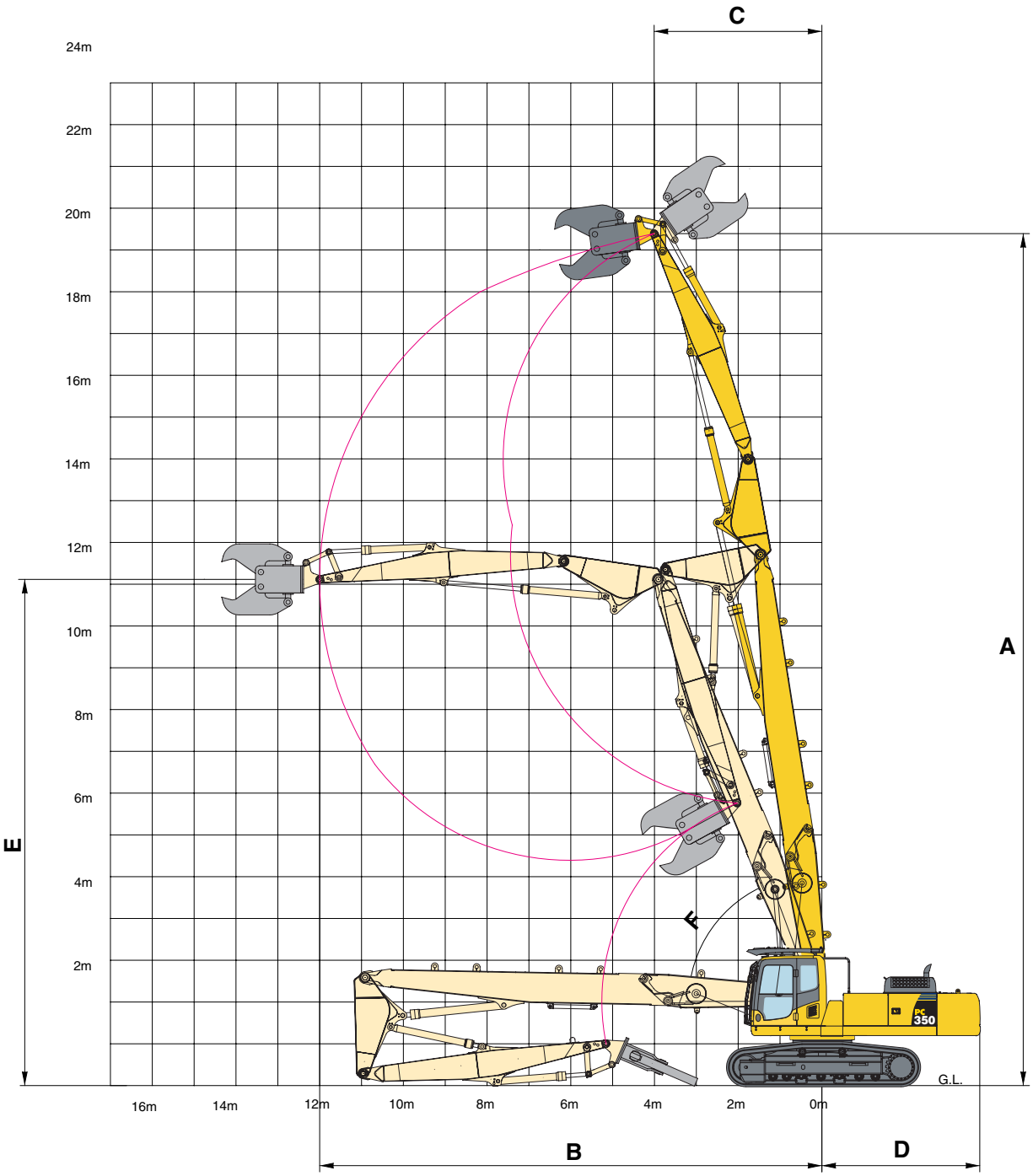
HIGH REACH DEMOLITION



HIGH REACH DEMOLITION		
A	Max. working height (to pin at arm end)	23.060 mm
B	Max. forward reach	12.000 mm
C	Min. swing radius of arm end pin (max. height)	4.430 mm
D	Tail swing radius	3.820 mm
E	Height at max. reach	14.955 mm
F	Min. boom angle from ground at max. height	75º

This working range is applicable through 360 degrees (depending upon fitted attachment) (for LC or HWG undercarriage). For operator and jobsite safety, Komatsu recommend that high reach demolition machines work in line with the trackframe where ever possible.

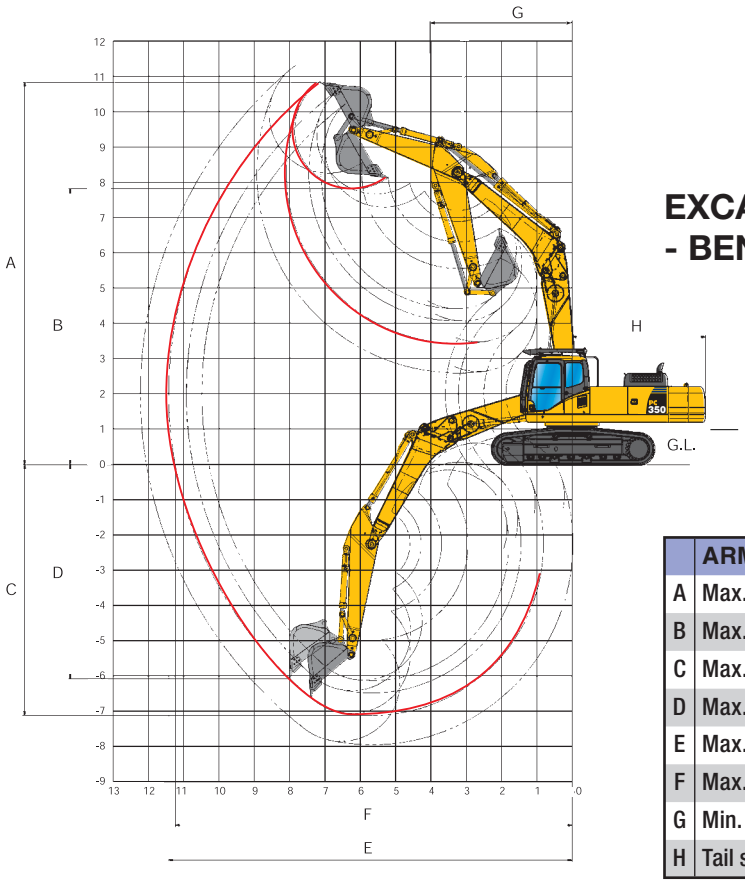
MEDIUM REACH DEMOLITION



MEDIUM REACH DEMOLITION		
A	Max. working height (to pin at arm end)	20.390 mm
B	Max. forward reach	12.000 mm
C	Min. swing radius of arm end pin (max. height)	4.010 mm
D	Tail swing radius	3.820 mm
E	Height at max. reach	11.950 mm
F	Min. boom angle from ground at max. height	70º

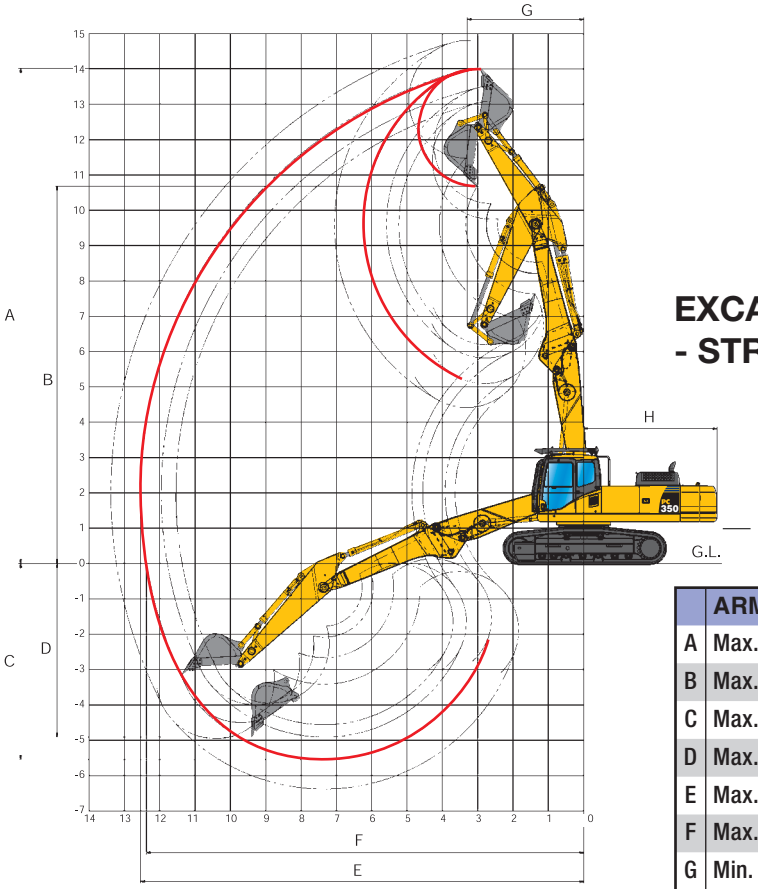
This working range is applicable through 360 degrees (depending upon fitted attachment) (for LC or HWG undercarriage). For operator and jobsite safety, Komatsu recommend that high reach demolition machines work in line with the trackframe where ever possible.

WORKING RANGE



EXCAVATION BOOM - BENT POSITION

	ARM LENGTH	2,6 m	3,2 m
A	Max. digging height	10.730 mm	10.845 mm
B	Max. dumping height	7.665 mm	7.810 mm
C	Max. digging depth	6.485 mm	7.120 mm
D	Max. vertical wall digging depth	5.675 mm	6.075 mm
E	Max. digging reach	10.925 mm	11.425 mm
F	Max. digging reach at ground level	10.735 mm	11.245 mm
G	Min. swing radius (bucket loaded)	4.095 mm	3.970 mm
H	Tail swing radius	3.820 mm	3.820 mm

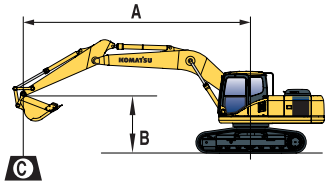


EXCAVATION BOOM - STRAIGHT POSITION

	ARM LENGTH	2,6 m	3,2 m
A	Max. digging height	13.520 mm	14.020 mm
B	Max. dumping height	10.180 mm	10.680 mm
C	Max. digging depth	4.915 mm	5.550 mm
D	Max. vertical wall digging depth	4.295 mm	4.910 mm
E	Max. digging reach	11.955 mm	12.540 mm
F	Max. digging reach at ground level	11.780 mm	12.375 mm
G	Min. swing radius (bucket loaded)	3.265 mm	3.295 mm
H	Tail swing radius	3.820 mm	3.820 mm

LIFTING CAPACITY

PC350LC-8



A – Reach from swing centre

B – Bucket hook height

C – Lifting capacities, including bucket, bucket linkage and bucket cylinder

– 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

EXCAVATION BOOM - BENT POSITION

Arm length	A / B		9,0 m		7,5 m		6,0 m		4,5 m		3,0 m	
2,6 m 1.014 kg 1,38 m³	9,0 m	kg	7150 *	7150 *								
	7,5 m	kg	6800 *	6400			8900 *	7150				
	6,0 m	kg	6750 *	5150			10250 *	7000	11700 *	10350		
	4,5 m	kg	6950 *	4450	7650	4800	10500	6700	13200 *	9600	17400 *	15000
	3,0 m	kg	6600	4050	7450	4600	10050	6250	14300	8750	17200 *	13050
	1,5 m	kg	6400	3900	7250	4400	9600	5850	13550	8050	11450 *	11450 *
	0,0 m	kg	6500	3900	7050	4250	9300	5600	13050	7650	14200 *	11550
	-1,5 m	kg	6950	4150	7000	4150	9150	5450	12850	7500	18050 *	11550
	-3,0 m	kg	8000	4800			9150	5450	12900	7550	15950 *	11750
	-4,5 m	kg							11300 *	7800	14100 *	12150
3,2 m 1.014 kg 1,38 m³	9,0 m	kg	4950 *	4950 *								
	7,5 m	kg	4750 *	4750 *			7700 *	7350				
	6,0 m	kg	4750 *	4600	6400	5000	9500 *	7150				
	4,5 m	kg	4900 *	4000	7700	4850	10300 *	6750	12200 *	9850	15750 *	15750
	3,0 m	kg	5200 *	3650	7450	4600	10150	6300	13900 *	9000	17350 *	13800
	1,5 m	kg	5750 *	3500	7200	4350	9650	5900	13700	8200	17400 *	12300
	0,0 m	kg	5900	3500	7000	4150	9250	5550	13100	7650	16300 *	10450
	-1,5 m	kg	6250	3650	6850	4050	9050	5350	12800	7400	17750 *	10250
	-3,0 m	kg										
	-4,5 m	kg										

Arm length	A / B		9,0 m		7,5 m		6,0 m		4,5 m		3,0 m	
2,6 m 1.014 kg 1,38 m³	9,0 m	kg	4950 *	4950 *								
	7,5 m	kg	4750 *	4750 *			7700 *	7350				
	6,0 m	kg	4750 *	4600	6400	5000	9500 *	7150				
	4,5 m	kg	4900 *	4000	7700	4850	10300 *	6750	12200 *	9850	15750 *	15750
	3,0 m	kg	5200 *	3650	7450	4600	10150	6300	13900 *	9000	17350 *	13800
	1,5 m	kg	5750 *	3500	7200	4350	9650	5900	13700	8200	17400 *	12300
	0,0 m	kg	5900	3500	7000	4150	9250	5550	13100	7650	16300 *	10450
	-1,5 m	kg	6250	3650	6850	4050	9050	5350	12800	7400	17750 *	10250
	-3,0 m	kg										
	-4,5 m	kg										

EXCAVATION BOOM - STRAIGHT POSITION

Arm length	A / B		10,5 m		9,0 m		7,5 m		6,0 m		4,5 m	
2,6 m 1.014 kg 1,38 m³	9,0 m	kg	7650 *	5650					10350 *	6800	10750 *	10300	9850 *	9850 *
	7,5 m	kg	7050 *	4400			7550	4700	10650	6800	10850 *	10100	9700 *	9700 *
	6,0 m	kg	6150	3700			7500	4650	10350	6500	13900 *	9500	16750 *	15200
	4,5 m	kg	5550	3300			7300	4500	9900	6100	14200	8650		
	3,0 m	kg	5300	3100	5500	3250	7100	4250	9450	5700	13300	7850		
	1,5 m	kg	5200	3050	5400	3150	6900	4100	9050	5350	12650	7300		
	0,0 m	kg	5350	3100	5400	3150	6750	3950	8850	5200	12450	7100		
	-1,5 m	kg	5650 *	3350			6750	3950	8800	5150	12050 *	7100		
	-3,0 m	kg					5650 *	4050	7850 *	5250	9150 *	7300		
	-4,5 m	kg										
3,2 m 1.014 kg 1,38 m³	9,0 m	kg	5250 *	4750					8300 *	6950	8200 *	8200 *	7300 *	7300 *
	7,5 m	kg	4900 *	3800			7650	4800	8700 *	6900	8300 *	8300 *	9950 *	9950 *
	6,0 m	kg	4750 *	3200	5600	3350	7550	4700	9950 *	6600	10100 *	9700		
	4,5 m	kg	4700 *	2900	5550	3300	7350	4500	10000	6200	14500	8900		
	3,0 m	kg	4750	2700	5450	3200	7050	4250	9500	5750	13550	8050		
	1,5 m	kg	4650	2650	5300	3050	6850	4000	9050	5350	12800	7400		
	0,0 m	kg	4750	2700	5250	3000	6650	3850	8800	5100	12400	7050		
	-1,5 m	kg	5050	2900	5250	3000	6600	3800	8650	5000	12300	6950	9100 *	9100 *
	-3,0 m	kg					6650	3850	8700	5050	10500 *	7050		
	-4,5 m	kg										

Lifting capacity table is published for guidance only, the machine is not intended for use as a crane.
Lifting capacities are stated in kg, on the tip of the arm, for machine on firm, level supporting surface.
The weight of any attachment used should be deducted from the values shown, to calculate payload.
Indicated loads are based on ISO 10567 standard and do not exceed 75% of tipping or 87% of hydraulic capacity (indicated by *).
Lifting capacity of the machine is limited by machine stability, hydraulic capacity and maximum permissible load of the attachment.