# KOMATSU®

PC18MR-3 **1,780 kg** 3,920 lb PC27MR-3 **2,890 kg** 6,370 lb PC30MR-3 **3,140 kg** 6,920 lb PC35MR-3 **3,575 kg** 7,880 lb PC45MR-3 **4,755 kg** 10,480 lb PC55MR-3 **5,160 kg** 11,380 lb

PC18MR-3 PC27MR-3 PC30MR-3 PC35MR-3 PC45MR-3 PC55MR-3





# YDRAULIC EXCAVATOR

## **MR-3 SERIES**

OPERATING WEIGHT
PC18MR-3 1,780 kg 3,920 lb
PC27MR-3 2,890 kg 6,370 lb
PC30MR-3 3,140 kg 6,920 lb

# MR-3 SERIES COMPACT HYDRAULIC EXCAVATOR

# WALK-AROUND



### **Performance and Versatility**

- Komatsu HydrauMind hydraulic system
- Automatic load sensing two-speed travel
- Standard auxiliary hydraulics
- Integrated counterweight and tight tail swing

### **Operator Comfort**

- Large operator platform
- Fully adjustable suspension seat
- Pilot proportional joystick controls
- Large monitor panel
- Easy entry and egress
- Low noise

### Service and Maintenance

- Wide opening engine hood and side covers
- Side-by-side radiator and oil cooler are easy to inspect and clean
- Extended lubrication and engine oil replacement intervals reduce maintenance and down time
- Tilt-forward operator's station provides full access to engine



### Value, Durability, and Strength

- High strength X-track frame
- Castings are used for boom foot, tip, and swing yoke
- Single large diameter swing pin
- Three track options: rubber, steel, and Roadliner
- O-ring face seal hydraulic fittings
- Moisture/dust resistant electrical connectors

### **General Features**

- Two-post ROPS canopy or ROPS cab
- Neutral engine start system
- Excellent visibility enhances job site awareness
- Low emission Komatsu engine with dual element air cleaner
- One key operates the ignition and all machine locks

# **PRODUCTIVITY FEATURES**

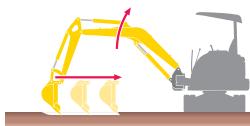
### **Tight Tail Swing**

Operator is able to focus on the work in front of them and worry less about a rear swing impact, even in confined areas with only an **80mm** 3" projection over the tracks.



### **CLSS HydrauMind Hydraulic System**

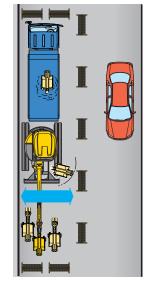
When two or more actuators are operated simultaneously, the pressure-compensated CLSS system ensures each actuator works according to its control input, regardless of the size of the load. This gives the operator precise control at all times.



# Confined Job Site Advantage

Operator can focus on digging and improve productivity, because they can worry less about obstacles to the rear of the machine, such as parked cars, walls and trees.

PC18MR-3	2,070mm	6'9"*							
PC27MR-3	2,515mm	8'3"*							
PC30MR-3	2,415mm	7'11"*							
PC35MR-3	2,550mm	8'4"*							
PC45MR-3	2,830mm	9'3"*							
PC55MR-3	2,800mm	9'2"*							
*: When boom swing									



### **Automatic Two-speed Travel**

The travel speed selector switch installed on the blade control

allows the operator to engage high speed travel. Once engaged the system automatically senses he travel load and shifts between high speed and low speed travel.



### **Expandable undercarriage (PC18MR-3)**

The PC18MR-3 can pass through narrow space due to narrow width and undercarriage can be expanded for good stability during excavation.





### **Working Ranges**

		<b>mm</b> ft.in
PC18MR-3	PC27MR-3	PC30MR-3
<b>3615</b> 11'10"	<b>4480</b> 14'8"	<b>4840</b> 15'11"
<b>2160</b> 7'1"	<b>2550</b> 8'4"	<b>2760</b> 9'1"
<b>3935</b> 12'11"	<b>4550</b> 14'11"	<b>4910</b> 16'1"
<b>1220</b> 4'0"	<b>1650</b> 5'5"	<b>1700</b> 5'7"
PC35MR-3	PC45MR-3	PC55MR-3
<b>5000</b> 16'5"	<b>5515</b> 18'1"	<b>5945</b> 19'6"
<b>3110</b> 10'2"	<b>3350</b> 12'0"	<b>3800</b> 12'6"
<b>5170</b> 17'0"	<b>5575</b> 18'3"	<b>6070</b> 19'11"
<b>1805</b> 5'11"	<b>1945</b> 6'5"	<b>1930</b> 6'4"
	3615 11'10" 2160 7'1" 3935 12'11" 1220 4'0" PC35MR-3 5000 16'5" 3110 10'2" 5170 17'0"	3615 11'10" 4480 14'8" 2160 7'1" 2550 8'4" 3935 12'11" 4550 14'11" 1220 4'0" 1650 5'5" PC35MR-3 PC45MR-3 5000 16'5" 5515 18'1" 3110 10'2" 3350 12'0" 5170 17'0" 5575 18'3"

### **Digging Force**

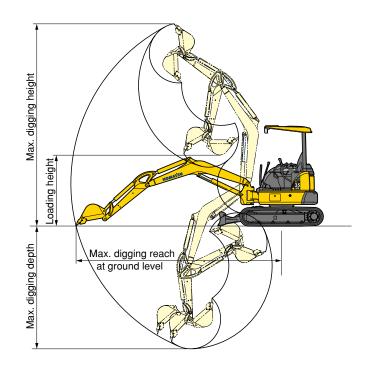
		ng in
PC18MR-3	PC27MR-3	PC30MR-3
<b>1010</b> 2230	<b>1500</b> 3310	<b>1800</b> 3970
<b>1620</b> 3570	<b>2230</b> 4920	<b>3000</b> 6610
PC35MR-3	PC45MR-3	PC55MR-3
1 00011111 0	1 04011111 0	I COOMIT-O
<b>2100</b> 4630	<b>2200</b> 4850	<b>2440</b> 5380
<b>3050</b> 6720	<b>3460</b> 7630	<b>3980</b> 8770
	1010 2230 1620 3570 PC35MR-3 2100 4630	1010     2230     1500     3310       1620     3570     2230     4920       PC35MR-3     PC45MR-3       2100     4630     2200     4850

### **Auxiliary Flow**

			<b>Itr/min</b> USgal/mir
	PC18MR-3	PC27MR-3	PC30MR-3
Auxiliary flow	<b>35</b> 9.2	<b>50</b> 13.2	<b>70</b> 18.5
	PC35MR-3	PC45MR-3	PC55MR-3
Auxiliary flow	<b>70</b> 18.5	<b>70</b> 18.5	<b>70</b> 18.5

### **Drawbar Pull**

			kg
	PC18MR-3	PC27MR-3	PC30MR-3
Max. drawbar pull	<b>1700</b> 3750	<b>3200</b> 7050	<b>3400</b> 7500
	PC35MR-3	PC45MR-3	PC55MR-3
Max. drawbar pull	<b>3400</b> 7500	<b>4280</b> 9440	<b>4280</b> 9440



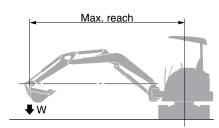
### **Stability**

The MR-3 series offers exceptional lifting capacity and stability in a tight tail machine.

### Lifting capacity comparison

Litting capacity comp	arison		<b>kg</b> lb
	PC18MR-3	PC27MR-3	PC30MR-3
<b>3m</b> 10'	<b>220</b> 480	<b>370</b> 820	<b>365</b> 800
Rating at max. reach	<b>185</b> 410	<b>245</b> 540	<b>220</b> 480
	PC35MR-3	PC45MR-3	PC55MR-3
<b>3m</b> 10'	<b>580</b> 1280	<b>995</b> 2190	<b>1005</b> 2220
Rating at max. reach	<b>345</b> 760	<b>505</b> 1110	<b>435</b> 960

The conditions of this comparison are a standard arm, sideways, blade on ground, and at a height of 0m (ground level).



# **OPERATOR ENVIRONMENT**

### **Large Entrance and Foot Space**

The two-post canopy design allows the MR-3 series to have larger entrance for entry and egress.



### **Excellent Visibility**

The operator's station design allows the operator to maintain 360° field view.



### **Fully Adjustable Suspension Seat**

The spacious operator's compartment provides outstanding ride quality. The large suspension seat enhances operator

### **Joystick Controls**

PPC joystick controls are low effort and provide fine control.



PC18MR-3

### **Pattern Change Valve (optional equipment)**

Pattern change valve allows the operator to change easily between ISO or SAE control patterns.



### Large Operator's Cab (optional equipment)

The cab provides outstanding foot space. Ergonomic design helps reduce fatigue. The large rear glass provides the operator excellent rear visibility.



Photo may include optional equipment

### **Upper-rail Type Sliding Door**



### **Large Rear Glass**



### **Large-capacity Air Conditioner** (optional equipment)

Provides comfortable operator environment throughout the year.



### **Cup Holder**

Large cup holder is standard equip-





### **COMPACT HYDRAULIC EXCAVATOR**

# **EASY MAINTENANCE**

### **Tilt-up Operator Compartment**

Operator's compartment floor tilts forward providing easy access to hydraulic compart-

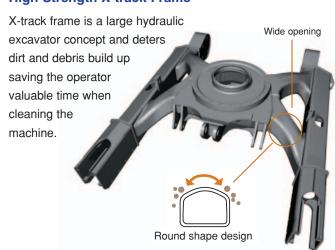
### **Fully Opening Engine Door** and Side Cover

Allow easy access for daily checks and regular maintenance.



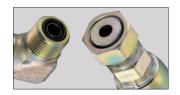
Photo may include optional equipment

### **High Strength X-track Frame**



### **O-ring Face Seal**

O-ring face seals are highly reliable.



### **DT Connector**

DT connectors are moisture



### **500 Hour Maintenance Intervals**

Extended lubrication, engine oil and filter replacement intervals reduce maintenance costs.

Comparison of periodic service intervals							
	MR-3 SERIES						
Lubricating to swing circle	500						
Lubricating to bushing of work equipment	500						
Replacement of engine oil / filter	500						

### **Larger Diameter Swing Pin**

Has high durability and maintains suitable clear ances between pin and bushing after long-term operation.



# **FEATURES**

### **Two-post ROPS & OPG Canopy**

### **ROPS** [Roll-Over Protective Structures]

This canopy meets the requirements of ROPS, with the advantage of a two-post design.



### **Neutral Engine Start System**

Locks out drives and hydraulics during machine start up.



### **Tie-Downs or Anchor Points**

Large tie-downs or anchor points in the track frame and blade allow the machine to be secured quickly for transport.





### **OPTIONAL EQUIPMENT**

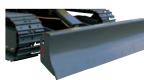
### Roadliner (not available for PC18MR-3)

Replacement is fast, easy and cost efficient as individual shoes are replaced when damaged or worn instead of replacing the entire track.

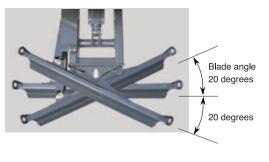




**Optional Blade** (Bolt-on cutting edge type)



### PA Blade (not available for PC18MR-3 and PC27MR-3)

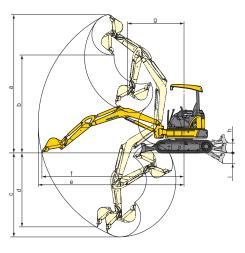


and dust resistant.

# **SPECIFICATIONS**

			PC18MR-3	PC27MR-3	PC30MR-3	PC35MR-3	PC45MR-3	PC55MR-3	
	Operating weight	<b>kg</b> lb	<b>1780</b> 3920	<b>2890</b> 6370	<b>3140</b> 6920	<b>3575</b> 7880	<b>4755</b> 10480	<b>5160</b> 11380	
				17.	ROPS Canopy, Rubber shoe	100	100	1.0	
	Flywheel horse power	<b>kW/rpm</b> HP/rpm	<b>11.2/2600</b> 15/2600	<b>19.2/2600</b> 25.7/2600	<b>21.4/2400</b> 28.6/2400	<b>21.4/2400</b> 28.6/2400	<b>28.5/2400</b> 38.2/2400	<b>28.5/2400</b> 38.2/2400	
	Bucket capacity (SAE heaped)	<b>m³</b> yd³	<b>0.044</b> 0.058	<b>0.08</b> 0.10	0.09 0.12	<b>0.11</b> 0.14	<b>0.14</b> 0.18	<b>0.16</b> 0.21	
	(CECE heaped)		<b>0.04</b> 0.052	<b>0.07</b> 0.09	<b>0.08</b> 0.10	<b>0.10</b> 0.13	<b>0.13</b> 0.17	<b>0.14</b> 0.18	
	Bucket width (incl.side cutters)	mm in	<b>400</b> 16 <b>450</b> 18	<b>430</b> 17 <b>500</b> 20	<b>430</b> 17 <b>500</b> 20	<b>530</b> 21 <b>600</b> 24	<b>530</b> 21 <b>600</b> 24	<b>580</b> 23 <b>650</b> 26	
Perfomance	Travel speed Hi	km/h MPH	<b>4.3</b> 2.7	<b>4.8</b> 3.0	<b>4.6</b> 2.9	<b>4.8</b> 3.0	<b>4.6</b> 2.9	<b>4.6</b> 2.9	
	Lo	km/h MPH	<b>2.3</b> 1.4	<b>2.6</b> 1.6	<b>2.5</b> 1.6	<b>2.8</b> 1.7	<b>2.8</b> 1.7	<b>2.8</b> 1.7	
	Swing speed	rpm	8.9	9.2	9.3	9	9	9	
	Ground pressure	kg/cm <sup>2</sup> PSI	<b>0.32</b> 4.6	<b>0.32</b> 4.6	<b>0.30</b> 4.3	<b>0.36</b> 5.1	<b>0.25</b> 3.6	0.29 4.1	
	Max. traction force	kg lb	<b>1700</b> 3750	<b>3200</b> 7050	<b>3400</b> 7500	<b>3400</b> 7500	<b>4280</b> 9440	<b>4280</b> 9440	
	Gradeability	deg.	30	30	30	30	30	30	
	Bucket digging force(ISO)	kg lb	<b>1620</b> 3570	<b>2230</b> 4920	<b>3000</b> 6610	<b>3050</b> 6720	<b>3460</b> 7630	<b>3980</b> 8770	
	Arm crowd force(ISO)	kg lb	<b>1010</b> 2230	<b>1500</b> 3310	<b>1800</b> 3970	<b>2100</b> 4630	<b>2200</b> 4850	<b>2440</b> 5380	
Engine	Model	_	Komatsu 3D67E	Komatsu 3D82AE-6	Komatsu 3D88E-6	Komatsu 3D88E-6	Komatsu 4D88E-6	Komatsu 4D88E-6	
•	Туре	_	Swirl chamber	Direct injection	Direct injection	Direct injection	Direct injection	Direct injection	
	Piston displacement	Itr. in <sup>3</sup>	<b>0.778</b> 47	<b>1.33</b> 81	<b>1.642</b> 100	<b>1.642</b> 100	<b>2.189</b> 134	<b>2.189</b> 134	
Electric	Operation voltage	V	12	12	12	12	12	12	
system	Battery	Ah	41	58	58	58	72	72	
	Alternator	Α	40	40	40	40	40	40	
	Starter	kW	1.2	2.3	2.3	2.3	2.3	2.3	
Blade	Width x height	mm ft.in.	980 or 1300 x 250	1550 x 355	1550 x 355	1740 × 355	1960 x 355	1960 x 355	
			3'3" or 4'3" x 10"	5'1" x 1'2"	5'1" x 1'2"	5'9" x 1'2"	6'5" x 1'2"	6'5" x 1'2"	
Drive	Drive method	_	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	
system	Type of travel brake	_	Hydraulic lock type	Hydraulic lock type	Hydraulic lock type	Hydraulic lock type	Hydraulic lock type	Hydraulic lock type	
	Type of travel shoe	_	Rubber	Rubber	Rubber	Rubber	Rubber	Rubber	
Undercarrige	Adjustment of the track tension	_	Grease	Grease	Grease	Grease	Grease	Grease	
	Number of shoes (for each side)	_	35 (steel)	40 (steel)	44 (steel)	44 (steel)	39 (steel)	39 (steel)	
	Number of carrier rollers (for each side)	_	0	1	1	1	1	1	
	Number of track rollers (for each side)	_	3	4	4	4	4	4	
Hydraulic system	Type of hydraulic pump	_	Variable capacity x 1 gear x 1	Variable capacity x 1 gear x 1	Variable capacity x 1 gear x 1	Variable capacity x 2 gear x 1	Variable capacity x 2 gear x 1	Variable capacity x 2 gear x 1	
	Max. oil flow	Itr/min USgal/min	<b>41.6</b> x <b>1</b> + <b>12.7</b> 11.0 x 1 + 3.4	<b>70.6</b> x <b>1</b> + <b>21.4</b> 18.7 x 1 + 5.7	<b>69.8</b> x <b>1</b> + <b>19.8</b> 18.4 x 1 + 5.2	<b>36.1</b> x <b>2</b> + <b>19.8</b> 9.5 x 2 + 5.2	<b>53.5</b> x <b>2</b> + <b>33.8</b> 14.1 x 2 + 8.9	<b>53.5</b> x <b>2</b> + <b>33.8</b> 14.1 x 2 + 8.9	
	Hydraulic motor (travel)	_	Variable capacity x 2	Variable capacity x 2	Variable capacity x 2	Variable capacity x 2	Variable capacity x 2	Variable capacity x 2	
	(swing)	_	fixed capacity x 1	fixed capacity x 1	fixed capacity x 1	fixed capacity x 1	fixed capacity x 1	fixed capacity x 1	
	Max. pressure setting	kg/cm <sup>2</sup> PSI	<b>235</b> 3340	<b>250</b> 3560	<b>265</b> 3770	<b>265</b> 3770	<b>270</b> 3840	<b>270</b> 3840	
	Auxiliary hydraulic flow	Itr/min USgal/min	<b>35</b> 9.2	<b>50</b> 13.2	<b>70</b> 18.5	<b>70</b> 18.5	<b>70</b> 18.5	<b>70</b> 18.5	
Refilling	Fuel tank	Itr. USgal	<b>19</b> 5.0	<b>44</b> 11.6	<b>44</b> 11.6	<b>44</b> 11.6	<b>65</b> 17.2	<b>65</b> 17.2	
capacity	Hydraulic tank	Itr. USgal	<b>15.2</b> 4.0	14 3.7	<b>14</b> 3.7	<b>14</b> 3.7	20 5.3	20 5.3	
	Engine	Itr. USgal	<b>3.3</b> 0.9	<b>5</b> 1.3	<b>6.7</b> 1.8	<b>6.7</b> 1.8	<b>7.5</b> 2.0	<b>7.5</b> 2.0	
	Coolant	Itr. USgal	<b>3.1</b> 0.8	<b>3.3</b> 0.9	<b>3.3</b> 0.9	<b>3.3</b> 0.9	<b>8.5</b> 2.2	<b>8.5</b> 2.2	

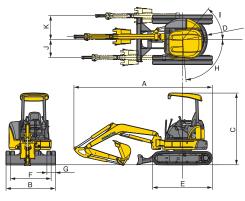
### **WORKING RANGE**



SIL	O ARM WORKING RA	ANGE	PC18MR-3		PC27MR-3		PC30MR-3		PC35MR-3		PC45MR-3		PC55MR-3	
a	Max. digging height	mm ft.in.	3615	11'10"	4480	14'8"	4840	15'11"	5000	16'5"	5515	18'1"	5945	19'6"
b	Max. dumping height	mm ft.in.	2610	8'7"	3190	10'6"	3350	11'0"	3530	11'7"	3785	12'5"	4230	13'11"
С	Max. digging depth	mm ft.in.	2160	7'1"	2550	8'4"	2760	9'1"	3110	10'2"	3350	11'0"	3800	12'6"
d	Max. vertical digging depth		1785	5'10"	2080	6'10"	2400	7'10"	2690	8'10"	2645	8'8"	3020	9'11"
е	Max. digging reach	mm ft.in.	4025	13'2"	4650	15'3"	5050	16'7"	5300	17'5"	5735	18'10"	6220	20'5"
1 1	Max. digging reach at ground level	mm ft.in.	3935	12'11"	4550	14'11"	4910	16'1"	5170	17'0"	5575	18'3"	6070	19'11"
g	Min. swing radius	mm ft.in.	1670	5'6"	1980	6'6"	2055	6'9"	2030	6'8"	2340	7'8"	2270	7'5"
	(When boom swing)	mm ft.in.	(1355	4'5")	(1660	5'5")	(1560	5'1")	(1600	5'3")	(1770	5'10")	(1740	5'9")
h	Max. blade lift	mm ft.in.	280	11"	360	1'2"	360	1'2"	360	1'2"	430	1'5"	430	1'5"
i	Max. blade depth	mm ft.in.	255	10"	315	1'0"	310	1'0"	390	1'3"	330	1'1"	330	1'1"

i	Max. blade depth	mm ft.in.	255	10"	315	1'0"	310	1'0"	390	1'3"	330	1'1"	330	1'1"
L0	NG ARM WORKING	RANGE	PC18	MR-3	PC27	MR-3	PC30I	VIR-3	PC35	MR-3	PC45	MR-3	PC55I	VIR-3
a	Max. digging height	mm ft.in.	3820	12'6"	4690	15'5"	5070	16'8"	5270	17'3"	5780	19'0"	6215	20'5"
b	Max. dumping height	mm ft.in.	2815	9'3"	3390	11'1"	3580	11'9"	3790	12'5"	4060	13'4"	4495	14'9"
С	Max. digging depth	mm ft.in.	2410	7'11"	2840	9'4"	3130	10'3"	3455	11'4"	3770	12'4"	4160	13'8"
d	Max. vertical digging depth		2000	6'7"	2370	7'9"	2770	9'1"	3120	10'3"	3060	10'0"	3380	11'1"
е	Max. digging reach	mm ft.in.	4270	14'0"	4930	16'2"	5390	17'8"	5640	18'6"	6130	20'1"	6570	21'7"
f	Max. digging reach at ground level	mm ft.in.	4190	13'9"	4840	15'11"	5215	17'1"	5520	18'1"	5980	19'7"	6430	21'1"
g	Min. swing radius	mm ft.in.	1770	5'10"	2030	6'8"	2190	7'2"	2140	7'0"	2410	7'11"	2380	7'10"
	(When boom swing)	mm ft.in.	(1435	4'8")	(1700	5'7")	(1665	5'6")	(1710	5'7")	(1860	6'1")	(1840	6'0")
h	Max. blade lift	mm ft.in.	280	11"	360	1'2"	360	1'2"	360	1'2"	430	1'5"	430	1'5"
i	Max. blade depth	mm ft.in.	255	10"	310	1'0"	310	1'0"	390	1'3"	330	1'1"	330	1'1"

### **DIMENSIONS**



				PC18	MR-3	PC27I	PC27MR-3		PC30MR-3		PC35MR-3		PC45MR-3		VIR-3
	Α	Overall length	mm ft.in.	3650	12'0"	4240	13'11"	4560	15'0"	4825	15'10"	5220	17'2"	5550	18'3"
-	В	Overall width	mm ft.in.	1300	4'3"	1550	5'1"	1550	5'1"	1740	5'9"	1960	6'5"	1960	6'5"
-	С	Overall height	mm ft.in.	2410	7'11"	2520	8'3"	2520	8'3"	2520	8'3"	2550	8'4"	2550	8'4"
	D	Tail swing radius	mm ft.in.	715	2'4"	855	2'10"	855	2'10"	950	3'1"	1060	3'6"	1060	3'6"
	Е	Crawler length	mm ft.in.	1555	5'1"	1950	6'5"	2105	6'11"	2105	6'11"	2520	8'3"	2520	8'3"
	F	Track gauge	mm ft.in.	1070	3'6"	1250	4'1"	1250	4'1"	1440	4'9"	1560	5'1"	1560	5'1"
	G	Track shoe width	mm in.	230	9"	300	12"	300	12"	300	12"	400	16"	400	16"
	H/I	Boom swing an	gle deg.	LH70/	RH50	LH85/	RH50	LH80/	RH50	LH75/	RH55	LH85/	RH50	LH85/	RH50
	J	Bucket offset LH	mm ft.in.	465	1'6"	580	1'11"	580	1'11"	580	1'11"	630	2'1"	630	2'1"
	K	Bucket offset RH	mm ft.in.	785	2'7"	845	2'9"	845	2'9"	770	2'6"	880	2'11"	880	2'11"

### LIFTING CAPACITY

### Blade on ground with additional counterweight (X-weight)

	Arm length		2m	6.5'	3m	10'	Maximum			
	Aillileligili		Front	Side	Front	Side	Front	Side		
	965mm 3'2"	<b>3m</b> 10'					<b>*355</b> *780	<b>*355</b> *780		
PC18MR-3		<b>2m</b> 6.5'			<b>*310</b> *680	<b>235</b> 520	<b>*315</b> *700	<b>215</b> 470		
PU IOWIN-3		1m 3.25'	<b>*650</b> *1435	<b>420</b> 930	<b>*365</b> *810	<b>230</b> 510	*320 *710	<b>180</b> 400		
		<b>0m</b> 0'	<b>*805</b> *1780	<b>395</b> 870	<b>*410</b> *900	<b>220</b> 480	<b>*335</b> *740	<b>185</b> 410		
		<b>−1m</b> −3.25′	<b>*635</b> *1400	<b>400</b> 880			<b>*340</b> *750	<b>245</b> 540		
	<b>1215mm</b> 4'0"	<b>0m</b> 0'	<b>*795</b> *1750	<b>390</b> 860	<b>*400</b> *880	<b>215</b> 470	<b>*300</b> *660	<b>165</b> 360		

		Arm length		<b>2m</b> 6.5'		3m	10'	Maximum		
		Ailli leligili		Front Side		Front	Side	Front	Side	
		1100mm 3'7"	<b>3m</b> 10'			<b>*650</b> *1430	<b>425</b> 940	<b>*695</b> *1530	<b>325</b> 720	
	PC27MR-3		<b>2m</b> 6.5'	* <b>1215</b> *2680	<b>800</b> 1760	<b>*795</b> *1750	<b>410</b> 900	* <b>705</b> *1550	<b>250</b> 550	
	FUZ/IVIN-3		1m 3.25'			* <b>1065</b> *2350	<b>385</b> 850	* <b>735</b> *1620	<b>230</b> 510	
			<b>0m</b> 0'	* <b>2230</b> *4920	<b>680</b> 1500	* <b>1185</b> *2610	<b>370</b> 820	<b>*775</b> *1710	<b>245</b> 540	
			<b>−1m</b> −3.25′	* <b>1820</b> *4010	<b>695</b> 1530	*1020 *2250	<b>370</b> 820	<b>*810</b> *1790	<b>315</b> 690	
		1375mm 4'6"	<b>0m</b> 0'	* <b>2305</b> *5080	<b>660</b> 1450	* <b>1155</b> *2550	<b>355</b> 780	* <b>695</b> *1530	<b>205</b> 450	

	Arm length		<b>2m</b> 6.5'		3m	10'	Maximum		
	Ailli leligili		Front Side		Front	Side	Front	Side	
	1240mm 4'1"	<b>3m</b> 10'			<b>*795</b> *1750	<b>435</b> 960	* <b>825</b> *1820	<b>290</b> 640	
PC30MR-3		<b>2m</b> 6.5'			*1000 *2200	<b>420</b> 930	* <b>825</b> *1820	<b>225</b> 500	
PG3UIVIN-3		1m 3.25'			* <b>1320</b> *2910	<b>385</b> 850	* <b>845</b> *1860	<b>210</b> 460	
		<b>0m</b> 0'	<b>*2660</b> *5860	<b>680</b> 1500	* <b>1440</b> *3170	<b>365</b> 800	<b>*870</b> *1920	<b>220</b> 480	
		<b>−1m</b> −3.25′	<b>*2140</b> *4720	<b>695</b> 1530	* <b>1250</b> *2760	<b>365</b> 800	<b>*880</b> *1940	<b>275</b> 610	
	<b>1610mm</b> 5'3"	<b>0m</b> 0'	<b>*2820</b> *6220	<b>670</b> 1480	* <b>1415</b> *3120	<b>360</b> 790	<b>*780</b> *1720	<b>185</b> 410	

	Arm length		<b>2m</b> 6.5'		3m	10'	Maximum		
	Ailli leligili		Front Side		Front Side		Front	Side	
	1370mm 4'6"	<b>3m</b> 10'			<b>*705</b> *1550	<b>680</b> 1500	* <b>690</b> *1520	<b>385</b> 850	
PC35MR-3		<b>2m</b> 6.5'			<b>*960</b> *2120	<b>655</b> 1440	* <b>710</b> *1570	<b>315</b> 690	
PG35WIN-3		1m 3.25'			* <b>1290</b> *2840	<b>610</b> 1350	<b>*845</b> *1860	<b>335</b> 740	
		<b>0m</b> 0'	<b>*2610</b> *5750	<b>1100</b> 2420	* <b>1430</b> *3150	<b>580</b> 1280	<b>*885</b> *1950	<b>345</b> 760	
		<b>−1m</b> −3.25′	<b>*2245</b> *4950	<b>1120</b> 2470	*1325 *2920	<b>580</b> 1280	<b>*920</b> *2030	<b>415</b> 910	
	<b>1720mm</b> 5'8"	<b>0m</b> 0'	<b>*2735</b> *6030	<b>1085</b> 2390	<b>*1390</b> *3060	<b>575</b> 1270	<b>*720</b> *1590	<b>275</b> 610	

	PC45MR-3	Arm length		<b>2m</b> 6.5		<b>3m</b> 10'		Maximum	
		Ailli leligili		Front	Side	Front	Side	Front	Side
		1375mm 4'6"	<b>3m</b> 10'			*990 *2180	<b>*990</b> *2180	*1020 *2250	<b>585</b> 1290
			<b>2m</b> 6.5'			<b>*1530</b> *3370	<b>1100</b> 2430	*1060 *2340	<b>500</b> 1100
			1m 3.25'			* <b>2125</b> *4690	<b>1025</b> 2260	*1120 *2470	<b>480</b> 1060
			<b>0m</b> 0'			*2345 *5170	<b>995</b> 2190	*1195 *2640	<b>505</b> 1110
			<b>−1m</b> −3.25′	<b>*3010</b> *6640	<b>1965</b> *4330	* <b>2195</b> *4840	<b>995</b> 2190	*1280 *2820	<b>600</b> 1320
Į		<b>1770mm</b> 5'10"	<b>0m</b> 0'	<b>*1250</b> *2760	*1250 *2760	<b>*2275</b> *5020	<b>980</b> 2160	<b>*1045</b> *2300	<b>430</b> 950

PC55MR-3	Arm length		2m 6.5		3m	10'	Maximum		
		Aillileligili		Front	Side	Front	Side	Front	Side
		1640mm 5'5"	<b>3m</b> 10'					<b>*850</b> *1870	<b>500</b> 1100
	DCEEMD 2		<b>2m</b> 6.5'			* <b>1435</b> *3160	<b>1140</b> 2510	<b>*885</b> *1950	<b>440</b> 970
	PGGGWIN-3		1m 3.25'			* <b>2030</b> *4480	<b>1045</b> 2300	*930 *2050	<b>420</b> 930
			<b>0m</b> 0'			*2260 *4980	<b>1005</b> 2220	<b>*985</b> *2170	<b>435</b> 960
			<b>−1m</b> −3.25′	<b>*2790</b> *6150	<b>1960</b> *4320	<b>*2170</b> *4780	<b>1000</b> 2200	*1050 *2320	<b>500</b> 1100
		<b>2000mm</b> 6'7"	<b>0m</b> 0'	<b>*1285</b> *2830	*1285 *2830	* <b>2205</b> *4860	<b>1010</b> 2230	* <b>895</b> *1970	<b>390</b> 860

\*Load is limited by hydraulic capacity rather than tipping. Rated loads do not exceed 87% of hydraulic capacity or 75% of tipping load.

### STANDARD/OPTIONAL EQUIPMENT

				: Standard eq	uipment O: O;	ptional equipme
F	PC18MR-3	PC27MR-3	PC30MR-3	PC35MR-3	PC45MR-3	PC55MR-3
Arm						
STD arm with aux. piping						
PC18MR: <b>965mm</b> 3'2" PC27MR: <b>1100mm</b> 3'7"						
PC30MR: <b>1240mm</b> 4'1" PC35MR: <b>1370mm</b> 4'6"			•	_		
PC45MR: <b>1375mm</b> 4'6" PC50MR: <b>1640mm</b> 5'5"						
Long arm with aux. piping						
PC18MR: <b>1215mm</b> 4'0" PC27MR: <b>1370mm</b> 4'6"	$\sim$					
PC30MR: <b>1610mm</b> 5'3" PC35MR: <b>1720mm</b> 5'8"	0	0	0	0	0	0
PC45MR: <b>1770mm</b> 5'10" PC50MR: <b>2000mm</b> 6'7"						
STD arm without aux. piping	0	0	0	0	0	0
Long arm without aux. piping	0	0	0	0	0	0
Bucket Capacity Bucket width (incl. side cutters)				·		•
<b>0.022m³</b> 0.029yd³ <b>250mm</b> 10" ( <b>300mm</b> 12")	0					
<b>0.035m³</b> 0.046yd³ <b>250mm</b> 10" ( <b>320mm</b> 13")		0	0			
<b>0.04m³</b> 0.052yd³ <b>350mm</b> 14" ( <b>400mm</b> 16")	0	-	-			
<b>0.044m³</b> 0.058yd³ <b>280mm</b> 11" ( <b>350mm</b> 14")		0	0			
<b>0.044m³</b> 0.058yd³ <b>400mm</b> 16" ( <b>450mm</b> 18")	•					
<b>0.055m³</b> 0.072yd³ <b>350mm</b> 14" ( <b>420mm</b> 17")				0		
0.055m³ 0.072yd³ 300mm 12" (370mm 14")					0	0
0.08m³ 0.10yd³ 430mm 17" (500mm 20")		•				
0.09m³ 0.12yd³ 430mm 17" (500mm 20")		Ö		0		
0.11m³ 0.14yd³ 530mm 21" (600mm 24")			0	•		
0.11m³ 0.14yd³ 430mm 17" (500mm 20")					0	0
0.13m³ 0.17yd³ 630mm 25" (700mm 28")				0		
0.14m³ 0.18yd³ 530mm 21" (600mm 24")						
0.16m³ 0.21yd³ 580mm 23" (650mm 26")					0	
Track shoes						
230mm 9" rubber shoes	•					
300mm 12" rubber shoes			•	•		
400mm 16" rubber shoes					•	
230mm 9" steel shoes	0					_
300mm 12" steel shoes		0	0	0		
			0	0	0	0
					0	
	0					
300mm 12" steel shoes with rubber pad		0	0	0		
400mm 16" steel shoes with rubber pad					0	0
300mm 12" road liner		0	0	0		
400mm 16" road liner					0	0
Blade				T	T	T
Expandable blade assembly	•	_	_	_	_	
Blade assembly		•	•	•	•	•
Blade assembly with BOC		0	0	0	0	0
PA blade			0	0	0	
Others						
Standard equipment		Optional equipm	nent			
<ul> <li>Additional counterweight</li> <li>Air cleaner, single element</li> <li>Automatic two-speed travel</li> <li>Rear view mirrors, RH and LH</li> <li>Seat belt, 78mm 3" width</li> <li>Steering pedals</li> <li>Suspension seat, recl with arm rests</li> <li>Travel alarm</li> <li>Two-post ROPS &amp; To guard canopy</li> </ul>	Ū	<ul> <li>Additional wor</li> <li>Air conditioner (not available f</li> <li>Cigarette lighte</li> <li>Pattern change</li> <li>Radiator net</li> <li>Radio (for cab)</li> </ul>	(for cab) for PC18MR-3) er (for cab) e valve (ISO - Back	R W W Khoe) C (I	igid seat, reclinin OPS & Top guard vith heater, front v vasher/wiper, up holder and asl not available for F eat belt, <b>50mm</b> 2	d cab window htray PC18MR-3)

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