



2024



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KOMATSU
Creating value together



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Komatsu product range Zimbabwe

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Medium size wheel loader, excavator, shovel & truck matching

	 HM300-2R Payload: 27.3t Capacity: 16.6m³ Max. GVW: 51.42t	 HM400-3R Payload: 40t Capacity: 24m³ Max. GVW: 74t	 HD325-7R Payload: 36.5t Capacity: 24m³ Max. GVW: 69.28t	 HD465-7R Payload: 55t Capacity: 34.2m³ Max. GVW: 99.68t
 PC400-8 41.7t 1.3-2.2m³ (SAE heaped)	9 passes	12 passes		
 PC450LC-8 44.3t 1.3-2.8m³ (SAE heaped)	8 passes	11 passes		
 WA430-6 18.3t 3.1-4.6m³ (SAE heaped)	5 passes	7 passes		
 PC500LC-10R 49.4t 3.5-4.58m³ (SAE heaped)	5 passes	7 passes		
 PC600-8R1 SE 59.2t 2-3.5m³ (SAE heaped)	5 passes	7 passes	7 passes	
 WA480-6A 24.9t 3.8-6.1m³ (SAE heaped)	4 passes	6 passes		
 WA500-6R 33.4t 4.3-5.6m³ (SAE heaped)	3 passes	4 passes	4 passes	
 PC850-8R1 78.6t 4-4.5m³ (SAE heaped)	4 passes	6 passes	5 passes	
 WA600-6R 52.7t 6.4-7m³ (SAE heaped)	3 passes	4 passes	3 passes	5 passes

Note: The above is based on SG of 1.8 t/m³ and a bucket fill factor of 95%

Number of passes are indicators only and are site specific.
Confirmation can be provided by Komatsu South Africa.

The heaped capacity is rated at 2:1 SAE

Note: Information is for guideline purposes.
Contact Komatsu for equipment evaluation and specifications.

Large size wheel loader, excavator, shovel & truck matching

	 Payload: 92t Capacity: 60m³ Max.GVW: 163.8t	 Payload: 142t Capacity: 78m³ Max.GVW: 249.6t	 Payload: 181t Capacity: 111m³ Max.GVW: 328.4t	 Payload: 221.6t Capacity: 147m³ Max.GVW: 385.8t	 Payload: 254t Capacity: 169m³ Max.GVW: 44.8t	 Payload: 292t Capacity: 211m³ Max.GVW: 502t	 Payload: 327t Capacity: 214m³ Max.GVW: 576t	 Payload: 396t Capacity: 250m³ Max.GVW: 625.3t
 116.4t 5-6.7m³ (SAE heaped)	9 passes							
 117.9t 11.5-13m³ (SAE heaped)	5 passes							
 216t 16.5-35m³ (SAE heaped)	3 passes	4 passes	5 passes					
 210.4t 12-13.7m³ (SAE 2:1 heaped)	5 passes	6 passes						
 250t 15m³ (SAE 2:1 heaped)	4 passes	5 passes	8 passes					
 398t 22m³ (SAE 2:1 heaped)		4 passes	5 passes	7 passes	8 passes			
 533t 29m³ (SAE 2:1 heaped)		3 passes	4 passes	5 passes	6 passes			
 676t 36m³ (SAE 2:1 heaped)			3 passes	4 passes	5 passes	6 passes		
 752t 42m³ (SAE 2:1 heaped)				3 passes	4 passes	5 passes		

Note: The above is based on SG of 1.8 t/m³ and a bucket fill factor of 95%

The heaped capacity is rated at 2:1 SAE

Number of passes are indicators only and are site specific.

Confirmation can be provided by Komatsu South Africa.

Electric rope shovel & truck matching:

	 HD785-7 Payload: 92t Capacity: 60m³ Max. GVW: 163.78t	 HD1500-8 Payload: 142t Capacity: 78m³ Max. GVW: 249.5t	 730E-8 Payload: 181t Capacity: 111m³ Max. GVW: 328.4t	 830E-AC Payload: 221.6t Capacity: 147m³ Max. GVW: 385.8t	 860E-1K Payload: 254t Capacity: 169m³ Max. GVW: 454.3t	 930E-4 Payload: 292t Capacity: 211m³ Max. GVW: 505.7t	 960E-2K Payload: 327t Capacity: 214m³ Max. GVW: 576.1t	 980E-4 Payload: 369t Capacity: 250m³ Max. GVW: 625t
 P&H 1900XPC AC 18t 10.7m³	6 passes	7 passes	10 passes					
 P&H 2300XPC AC 45t 25.5m³		3 passes	4 passes	5 passes	6 passes			
 P&H 2800XPC AC 59t 33.6m³			3 passes	4 passes	5 passes	5 passes	6 passes	
 P&H 4100XPC AC-90 81t 45.9m³				3 passes	3 passes	4 passes	4 passes	5 passes
 P&H 4100XPC AC 109t 61.2m³						3 passes	3 passes	4 passes
 P&H 4800XPC AC 122t 70.3m³							3 passes	3 passes

Above is based on 1.78t/m³ Density and bucket fill factor of 100%

Number of passes are indicators only and are site specific.

Confirmation can be provided by Komatsu South Africa.

Wheel loader "large" & truck matching:

	 HD785-7 Payload:92t Capacity: 60m³ Max.GVW:163.78t	 HD1500-8 Payload:142t Capacity:78m³ Max.GVW: 249.5t	 730E-8 Payload:181t Capacity:111m³ Max.GVW: 328.4t	 830E-AC Payload: 221.6t Capacity:147m³ Max.GVW: 385.8t	 860E-1K Payload:254t Capacity:169m³ Max.GVW:454.3t	 930E-4 Payload:292t Capacity:211m³ Max.GVW:505.7t	 960E-2K Payload:327t Capacity:214m³ Max.GVW:576t	 980E-4 Payload:369.4t Capacity:250m³ Max.GVW:625.28t
 WE1350-3 (Std lift) 41t 22.94m³		3 passes	5 passes	6 passes				
 WE1350-3 (high lift) 38t 21.41m³	3 passes	4 passes	5 passes	6 passes	7 passes			
 WE1850-3 (Std lift) 59t 32.88m³			3 passes	4 passes	5 passes	5 passes		
 WE1850-3 (high lift) 54t 30.58m³			4 passes	4 passes	5 passes	6 passes	6 passes	
 WE2350-2 (Std lift) 72t 40.52m³				3 passes	4 passes	4 passes	5 passes	
 WE2350-2 (high lift) 68t 38.2m³				4 passes	4 passes	5 passes	5 passes	6 passes

Above is based on 1.78t/m³ Density and bucket fill factor of 100%

Number of passes are indicators only and are site specific.

Confirmation can be provided by Komatsu South Africa.

Crawler dozers: "small to medium" product range (8.6t to 40t)

Model:	D39EX-22	D51EX-22	D61EX-23MO	D65EX-16	D65PX-16	D85EX-15R	D85PX-15R	D155AX-6
Engine: Make Model Engine net power: (SAE J1349/DIN 6270)@ Blade: Capacity Width Height Dimensions: Height Width (blade) Length (without ripper) Operating weight: Including Attachments:	Komatsu SA44D107E-1 79 2200 2.2 2710 980 2835 2710 5330 9740 PAT Multi Shank ROPS Cab - 460	Komatsu SA46D170E-3 97 2200 2.7 3045 1110 3177 3045 5845 13450 PAT Multi Shank ROPS Cab - 510	Komatsu SA46D107E-1 125 2200 3.4 3250 1195 3180 3250 6755 19610 PAT Multi Shank Steel Cab ROPS 600	Komatsu SA46D114E-1 153 1950 5.61 3460 1425 3155 3460 6720 20850 SUT Multi Shank Steel Cab ROPS 510	Komatsu SA46D114E-1 153 1950 3.7 3970 1100 3155 3970 5680 21020 ST - Steel Cab ROPS 940	Komatsu SA6D125E-3 197 1900 7.0 3635 1580 3324 3635 7285 28060 SUT Multi Shank Steel Cab ROPS 560	Komatsu SA6D125E-3 197 1900 5.9 4365 1370 3324 4365 6085 27550 ST - Steel Cab ROPS 910	Komatsu SA6D140E-5 264 1900 9.4 4060 1850 3395 4060 8225 39700 SIGMA/D.T (Str) Giant Single Shank ROPS Cab - 610
Grouser shoe width								

P.A.T: Power angle tilt S.U.T: Semi-U tilt U/D.T: U-dozer/Dual tilt Str: Strengthened blade (liner).

Operating weight is approximate.

Crawler dozers: "large" size product range (50t to 113t)

Model:	D275AX-5E0		D375A-6		D475-8R	
Engine: Make Model Engine net power: (SAE J1349/DIN 6270) @ Blade: Capacity Width Height Dimensions: Height Width (blade) Length (without ripper) Operating weight: Including Attachments:	Komatsu SA46D140E-5 335 2000 14.6 4440 2150 3990 4440 8995 51530 SIGMA/D.T (Str) Giant Single Shank Steel Cab ROPS 610		Komatsu SA46D170E-5 455 1800 18.5 4775 2265 4285 4775 10485 72290 SUT/DT (Str) Giant Single Shank Steel Cab ROPS 610		Komatsu SAA12V140E-7 664 2000 27.2 5265 2690 4795 5430 11300 112100 SUT/DT (Str) Giant Single Shank Steel Cab ROPS 710	
Grouser shoe width						

P.A.T: Power angle tilt S.U.T: Semi-U tilt U/D.T: U-dozer/Dual tilt Str: Strengthened blade (liner).

Wheel dozers: product range (48t to 100t)			
Model:			
Engine: Make Model		WD600-6R	WD900-3A
Engine net power: (SAE J1349/DIN 6270) @		Komatsu SAA6D170E-5	Komatsu SAA12V140E-3
Blade: Type (standard blade)		393	637
Capacity		1800	2 000
Width		Straight	Semi-U
Height		8.0	26.0
Turning radius: (at outside corner of blade)		5 100	6 470
		1 470	2 160
		7 075	9 200
Dimensions:			
Height		4 460	5 215
Width (blade)		5 100	6 470
Length (incl. blade)		9 930	12 035
Operating weight: Including		48 100	100 000
Attachments:			
Cab		ROPS/FOPS Cab	Steel Cab
ROPS		-	ROPS
Tyres: front & rear		35/65 24P (L5)	45/65 50P (L4)

Hydraulic excavators: "mini size" product range (5.1t to 8.4t)

Model:		PC55MR-3	PC70-8	PC88MR-8
Operating weight: (ISO 6016) With canopy and rubber shoes With cab and steel shoes Engine: Make Model Net power (SAE J1349) Hydraulic system: Type Performance: Bucket max. digging force (ISO 6015) Gradeability Arm crowd force (max) (ISO 6015) Standard arm (stick) Bucket: Capacity (SAE heaped) Bucket range Width (inc. side cutters) Max. digging depth (with std arm)	kg kg kW@rpm	5 160 5 320 Komatsu 4D88E-6 28.5@2 400 CLSS	- 6 590 Komatsu SAA4D95LE-5 48.5@1 950 CLSS	- 8 395 Komatsu SAA4D95LE 49 @ 1950 CLSS
	kg deg.	3 980 30	5 590 30	6 250 30
	kg m³ m³ mm mm	2 440 0.16 (0.055-0.16) 585 (650) 3 800	3 900 0.3 (0.3-0.39) 680 (755) 4 100	4 230 0.28 (0.9-0.34) 650 (750) 4 160
Transmission: Type Max. drawbar pull Max travel speed (2 speed) Blade: width x height Attachments: Operator's cab - ROPS & Top guard (std) Standard arm (stick) length Long arm (stick) - optional Boom length (std) Grouser shoe width (std) - steel shoes	kg km/h mm Bucket mm mm mm mm	2 Speed Hydrostatic 4 280 2 834/6 1900x355 Gp* Yes 1 640 2 000 2 900 400	2 Speed Hydrostatic 5 750 2 834/5 2 260x470 Gp* Yes 1 650 3 710 450	2 Speed Hydrostatic 6 820 2 915/1 2 320x470 Gp* Yes 1 650 2 100 3 405 600

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Hydraulic excavators: "medium size" product range (12t to 30t)					
Model:	PC130-8	PC138US-8	PC210-10MO	PC220-8MO	PC270-8
Engine net power: (SAE J1349/DIN 6270) @	kW	68.4	123	140	140
Bucket:	rpm	2 200	2 000	2 000	2 050
Capacity - (Std SAE heaped)	m ³	0.5*HD	1.0-1.2*HD	1.2*ME	1.35*HD
Bucket range	m ³	(0.18-0.6)	(0.80-1.20)	(0.72-1.26)	(1.2-1.9)
Bucket digging force:	kgf/kN	8 250/80.9	16 000/157	17 900/176	17 900/176
at power max (SAE)	kgf/kN	6 880/64.5	14 200/139	15 800/155	16 800/165
Arm crowd force SAE (Max)	mm	5 520	5 480	5 825	5 940
Digging depth	mm	2 875	2 850	3 220	3 310
Dimensions:	mm	2 490	2 490	2 980	3 190
Height (to top of boom)	mm	7 590 (4410)	7 260 (4400)	9 865 (6 470)	9 640 (6 090)
Width (overall)	mm	12 380	13 480	23 630	27 140
Length (transport position)	kg	(0.6)HD	(0.6)HD	(1.2)HD	(1.35)HD
Operating weight:	(m ³)Bucket	2 500 (note 1)	2 500	2 000	2 500
Attachments:	mm	4 600	4 600	5 900	5 900
Stick (arm) length	mm	500	500	600	600
Boom length	mm				
Grouser shoe width	mm				

*HD: Heavy Duty bucket (standard) - Based on material density of 1.80 t/m³ and a bucket fill factor of 100%.

Note 1: Currently this unit is supplied with a 2.5m dipper arm as standard.

Note 2: Currently this unit is supplied with a 2.9m dipper arm as standard.

Note 3: Currently this unit is supplied with a 3.38m dipper arm as standard.

Hydraulic excavators: "medium size" product range (31t to 50t)					
Model:	PC300-8MO	PC350LC-8MO SE	PC400-8	PC450LC-8	PC500LC-10R
Engine net power: (SAE J1349/DIN 6270) @	kW	187	257	257	269
Bucket:	rpm	1 950	1 900	1 900	1 900
Capacity - (Std SAE heaped)	m ³	1.5*(Hensley)	1.9*HD	2.1*HD	3.5*HD
Bucket range	m ³	(0.52-1.80)	(1.8-2.3)	(1.30-2.80)	(2.5-4.0)
Bucket digging force:	kgf/kN	23 300/228	24 600/241	28 600/241	31 000/304
at power max (SAE)	kgf/kN	22 900/225	24 600/241	26 600/260	26 700/262
Arm crowd force SAE (max)	mm	6 400	6 845	6 740	6 640
Digging depth	mm	3 480	3 850	3 660	3 980
Dimensions:	mm	3 190	3 430	3 430	3 580
Height (to top of boom)	mm	11 300 (7320)	11 905 (8410)	11 635	11 945 (8095)
Width (overall)	mm	31 100	41 700	44 400	49 600
Length (transport position)	kg	(1.5)HD	(1.9)HD	(2.1)HD	(3.5)HD
Operating weight:	(m ³)Bucket	2 200	2 400	2 400	2 400 (short)
Attachments:	mm	6 470	7 060	7 060	6 670
Stick (arm) length	mm	600	600	600	600
Boom length	mm				
Grouser shoe width	mm				

*HD: Heavy Duty bucket (standard) - based on material density of 1.80 t/m³ and a bucket fill factor of 100%.

Note 1: Currently this unit is supplied with a 2.50m dipper arm as standard.

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*HD: Heavy Duty bucket (standard)- based on material density of 1.8t/m³ and a bucket fill factor of 100%. Configuration available in Backhoe (BH) and Face Shovel (FS).

*HD: Heavy Duty bucket (standard)- based on material density of 1.8t/m³ and a bucket fill factor of 100%.

Configuration available in Backhoe (BH) and Face Shovel (FS).

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Note: Standard bucket size based on 1.8t/m³.

BH: Backhoe.

FS: Face Shovel.

Electric rope shovels product range (378tt to 1700tt)									
Model:		P8H1900PC AC	P&H2300PC AC	P&H2800PC AC	P&H4100 AC-90	P8H4100PC AC	P&H4100PC AC	P8H4800PC AC	
Make: Operating mass (kg)		Komatsu 378 756 kg (427 shoes)	Komatsu 767 615 kg (557 shoes)	Komatsu 1 079 000 kg (567 shoes)	Komatsu 1 243 300 kg (767 shoes)	Komatsu 1 532 235 kg (767 shoes)	Komatsu 1 661 500 kg (1007 shoes)	Komatsu 1 661 500 kg (1007 shoes)	
Dimensions:									
Radius of cut	m	17.6	21.3	24.2	24.7	23.9	24.0	24.0	
Width (overall)	m	6.71	10.5	13.1	13.1	14.4	15.0	15.0	
Track length on ground	m	7.62	10.0	10.8	11.6	11.7	11.5	11.5	
Max speed	km/hour	1.7	1.8	1.8	1.8	1.8	1.8	1.8	
Tail swing radius	m	7.0	10.0	9.9	10.2	9.8	9.9	9.9	
Height of cut	m	13.0	13.5	16.6	16.6	16.8	18.9	18.9	
Dumping height (open door)	m	8.2	8.5	9.1	9.5	9.5	10.8	10.8	
Hoist motor:		328kW@600v 455kW	1 089kW@500v 1 450kW	2 069kW@690v 2 388kW	2 388kW@690v 2 834kW	2 388kW@690v 2 834kW	2 388kW@690v 3 577kW	2 388kW@690v 3 577kW	
Swing motor:		203kW@600v 295kW	507kW@500v 617kW	1 090kW@690v 1 363kW	1 090kW@690v 1 370kW	1 090kW@690v 1 370kW	1 090kW@690v 1 644kW	1 090kW@690v 1 644kW	
Crowd motor:		128kW@500v 236kW	272kW@500v 450kW	545kW@690v 695kW	545kW@690v 800kW	545kW@690v 800kW	545kW@690v 1 111kW	545kW@690v 1 111kW	
Propel motor:		203kW@500v 352kW	328kW@500v 684kW	1 090kW@690v 1 973kW	1 090kW@690v 1 264kW	1 090kW@690v 1 264kW	1 090kW@690v 1 644kW	1 090kW@690v 1 644kW	
Power requirement:		3300, 6600 3 Phase@50Hz	3300, 5000, 6000/6600 3 Phase@50Hz	5000, 6000/6600 3 Phase@50Hz	5000, 6000/6600 3 Phase@50Hz	5000, 6000/6600 3 Phase@50Hz	6000, 6600, 7200/11000 3 Phase@50Hz	6000, 6600, 7200/11000 3 Phase@50Hz	
Dipper:									
Supply/transformer		1 250 KVA (minimum)	2000 KVA (minimum)	2750 KVA (minimum)	3000 KVA (minimum)	3750 KVA (minimum)	3750 KVA (minimum)	3750 KVA (minimum)	
Nominal payload	mt	18	45.4	59.0	81.6	99.8	122.5	122.5	
Nominal dipper capacity (SAE struck)	cubic m	10.7	18.3	25.5	45.9	52.8	65.7	65.7	
Rated suspended load	mt	37.2	96	122.5	154.2	195	223	223	

Wheel loaders: "medium size" product range (7.5t to 25.6t)									
Model:		WA150-6	WA200-6	WA250-6	WA320-6	WA380-6	WA430-6	WA480-6A	
Engine net power: (SAE J1349/ISO 9249) @		74	94	103	125	142	172	223	
Bucket:									
Capacity - (Std SAE heaped)	kW	2 000	2 000	2 000	2 000	2 100	2 100	2 000	
bucket range	rpm	1.4*GP (1.2-1.7)	1.9*GP (1.7-2.4)	2.1*GP (1.8-2.7)	2.6*GP (2.1-3.2)	3.1*GP (2.7-4)	3.5*GP (3.1-4.6)	4.3*GP (3.8-6.1)	
Breakout force	m³	6 780	8 465	10 830	11 700	17 300	19 800	23 100	
Static tipping load: (straight)	kgf	6 780	8 465	10 830	11 700	17 300	19 800	23 100	
static tipping Load: (full turn)	kg	5 920	7 555	10 140	11 795	14 660	13 850	20 110	
dumping Clearance	kg	5 920	7 555	10 140	10 550	12 700	11 985	17 315	
(max. height at 45°)	mm	2 670	2 670	2 735	2 740	2 820	2 895	3 195	
Dimensions:									
Height (to top of cab)	mm	3 060	3 110	3 200	3 200	3 430	3 430	3 550	
Width (with bucket)	mm	2 390	2 565	2 705	2 760	2 925	3 065	3 190	
Length (incl. bucket)	mm	6 365	7 010	7 200	7 660	8 310	8 460	9 325	
Operating weight: Includes the following	kg	7 795	9 680	11 300	13 745	18 190	19 130	25 680	
Attachments:									
	(m³)	(1.4)/GP	(1.9)/GP	(2.1)/GP	(2.6)/GP	(3.1)/GP	(3.5)/GP	(4.3)/GP	
	Bucket	17.5x25	17.5x25	20.5x25	20.5x25	23.5x25	23.5x25	26.5x25	
	Tyres	12PR(L2)	12PR(L4)	12PR(L3)	12PR(L3)	20PR(L5)	20PR(L5)	20PR(L5)	
	(rating)								

*GP: General Purpose (stockpile) bucket with teeth.
 Note: (a) GP(Std) buckets are all based on SG of 1.7t/m³ and a bucket fill factor of 100%.
 (b) SNR (Std) buckets are all based on SG of 1.8t/m³ and a bucket fill factor of 100%.

Wheel loaders: "large size" product range (34t to 218t)

Model:		WA500-6R	WA600-6R	WA900-8R	WA1200-6	WA1200-6H/L
Engine net power: (SAE J1349/ISO 9249) @	kW rpm	263 1900	393 1800	671 2050	1 316 1 800	1 316 1 800
Bucket:						
Capacity - (Std SAE heaped)	m ³	5	6.4	11.0*SNR (10.5-14.0)	20.0*SNR (16.5-35.0)	18*SNR (18)
Bucket range	m ³	(4.3-5.6)	(6.4-7)		120 200	120 600
Breakout force	kN	27 950	39 500	76 900	115 800	104 800
Static tipping load: (straight)	kg	24 655	34 200	74 990	102 200	92 900
Static tipping load: (full turn)	kg	21 170	28 500	66 460	63 35	7 155
Dumping clearance (max. height at 45°)	mm	3 265	3 995	4 710		
Dimensions:						
Height (to top of cab)	mm	3 820	4 550	5 600	6 970	6 970
Width (with bucket)	mm	3 460	3 685	4 935	6 400	6 400
Length (incl. bucket)	mm	9 790	11 985	15 205	18 815	19 155
Operating weight: Includes the following	kg	34 730	54 700	117 300	217 000	218 300
Attachments:	(m ³) Bucket Tyres (rating)	(5.0)/EXV S.E 29.5-25 22PR(L5)	(6.4)/EXV S.N 35/65-33 36PR(L5)	(11)/SNR 45/65-45 ***(L5)	(20)/SNR 55.5/80-57 ***(L5)	(18)/SNR 55.5/80-57 ***(L5)

EXV: Excavating bucket with teeth *S.N.R: Spade nose rock bucket with teeth.

**Granite: Granite handling attachments as required.

Note: (a) GP (Std) buckets are all based on SG of 1.7/tm³ and a bucket fill factor of 100%.

(b) SNR (Std) buckets are all based on SG of 1.8/tm³ and a bucket fill factor of 100%.

H/L: High Lifting available.

Surface mining loaders product range (194t to 272t)

Model:		WE1350-3	WE1350-3	WE1850-3	WE2350-2	WE2350-2
Engine: Engine make / model or Engine make / model						
Engine net power	kW (cummins T1) kW (MTU T1) rpm	Std lift Cummins QSK 50 MTU 12x4000 1 193 1 249 1 800	High lift Cummins QSK 50 MTU 12x4000 1 193 1 249 1 800	Std lift Cummins QSK 60 MTU 16x4000 1 491 1 715 1 800	High lift Cummins QSK 60 MTU 16x4000 1 715 1 715 1 800	High lift Cummins QSK 60 MTU 16x4000 1 715 1 715 1 800
(SAE: J1349/ISO 9249) @						
Bucket: Capacity: (standard ISO-rated) Bucket range	m ³ m ³	22.94 Sized to material density	21.41 Sized to material density	32.88 Sized to material density	40.52 Sized to material density	38.23 Sized to material density
Breakout force	kN	99 728	102 380	129 606	134 807	131 543
Static tipping load: (straight)	kg	108 776	100 068	TBD	147 211	164 200
Static tipping load: (full turn)	kg	98 849	90 936	TBD	128 996	153 300
Operating payload	kg	40 823	38 102	58 967	54 431	68 039
Dumping clearance (max height 45 reach at full lift)	mm	6 420	7 060	6 480	7 570	8 010
Dimensions:						
Height (to top of cab)	mm	6 690	6 690	6 730	6 730	6 730
Width (rock bucket with deflectors)	mm	6 710	6 710	6 710	6 710	6 710
Length (incl. bucket)	mm	17 310	17 700	19 840	20 270	20 900
Operating weight: Including the following attachments - Bucket Tyres	kg	194 228	196 496	263 991	266 622	272 065
	m ³	22.94 50/80-57	21.41 50/80-57	32.88 58/65-57	40.52 70/70-57	38.23 70/70-57

Note: Standard rock bucket based on S.G. of 1.78 t/m³ and a bucket fill factor of 100%.

Articulated dump truck product range			
Model:		HM300-2R	HM400-3R
Engine: Make Model		Komatsu SAA6D125E-5	Komatsu SAA12V140E-3
Net power: (ISO 4249/ SAEJ1349)	kW @rpm	246 2000	334 2000
Max travel speed	kmh	58.6	56.0
Bowl: Struck capacity Heaped capacity: (2:1 SAE) Loading light	m³ m³ mm	12.9 16.6 2 790	18.2 24.0 3 164
Dimensions: Height (to top of cab) Width (over tyres) Length	mm mm mm	3 520 2 900 10 440	3 735 3 450 11 105
Operating weight: Gross vehicle weight Empty weight Payload Type size:	kg kg kg	51 420 24 040 27 300 23.5R25	74 005 33 925 40 000 29.5R25

Rigid frame off-highway dump trucks product range									
Model:		HD325-7R	HD465-7R	HD785-7	HD1500-8	730E	830E AC	830E-4	860E-1K
Engine: Make Model		Komatsu SAA6D140E-5	Komatsu SAA6D170E-5	Komatsu SA12V140E-3	Komatsu SDA16V159-3	Komatsu SSA16V159	Komatsu SSDA16V160	Komatsu SSDA18V170	Komatsu SSDA16V160
Power: Flywheel (SAEJ1349/ISO9249)@ Max Speed	kW r/min km/h	371 2000 70	533 2000 70	879 1900 65	1 103 1900 56.5	1 492 1900 65.0	1 761 1900 64.0	2 495 1900 61.0	1 902 1900 64.5
Bowl: Loading height	mm	3 200	3 600	4 295	5 070	6 030	6 710	7 090	6 390
Dimensions: Height	mm	4 150	4 400	5 050	6 180	6 810	6 880	8 000	7 370
Total width	mm	4 760	5 395	6 885	7 550	8 450	7 320	10 010	9 390
Total length	mm	8 365	9 355	10 290	12 935	13 700	14 400	15 720	14 930
Turning radius	m	7.2	8.5	10.1	11.2	13.6	28.4	32.0	31
Operating weight: Empty vehicle Weight gross Payload (max) Type size:	kg kg kg t(metric) size	31 600 69 280 36.5 18.00-33 32PR	43 100 99 680 55 24.00R35	72 000 163 780 91.7 27.00R49	107 600 249 575 141.7 33.00R51	146 963 328 401 *181 Std 37R57 Optional 40R57	164 200 385 848 *221.6 40R57	255 868 625 277 *369.4 59/80 R63	200 351 454 363 *254 STD50/80R57 Optional 5090R57
									210 187 501 974 *292 53/80 R63
									249 475 576 072 *327 56/80 R63

*Nominal payload is as defined within Komatsu LTD and Komatsu America Corp. payload policy documentation. Nominal payload must be adjusted should the weight of any customised body or tyres fitted vary from that of the standard Komatsu body and tyres as shown above. Nominal payload must also be adjusted to take into account the additional weight or any customised/ optional extras fitted to the truck which are not stated within the standard features list of this specification sheet.

Motor graders product range (15.1t to 47.9t)						
Model:	GD535-5	GD555-5	GD675-5	GD705-5	GD755-5R	GD825A-2
Engine: Make Model Power: Flywheel (SAE J1349/ISO 9249) @ Max speed: (forward) km/h Max speed: (reverse) km/h Blade: Length Height Dimensions: Height Width Length Operating weight: Including Attachments: ROPS/FOPS Cab Rear ripper/scarifier Ripper shanks Scarifier shanks Tyres:	Komatsu SAA6D107E-1	Komatsu SAA6D107E-1	Komatsu SAA6D107E-1	Komatsu SAA6D114E-3	Komatsu SAA6D125E-5	Komatsu S6D140E
	101-108 2 000 35.2	118-144 2 000 44.3 40.3	134-163 2 100 44.3 40.3	186 1 950 42.5 34.1	213 2 000 45.0 43.6	209 2 100 44.9 47.9
	mm mm	mm mm	mm mm	mm mm	mm mm	mm mm
	3 710 645	4 320 645	4 320 645	4 320 700	4 320/4 878 700	4 878 850
	3 250 2 455 9 880	3 220 2 485 10 365	3 200 2 630 10 575	3 260 2 790 11 050	3 533 2 800 11 045	3 800 3 310 11 470
	15 150	18 480	18 730	22 150	24 380	33 310
	Low Profile Rear Ripper 5	Low Profile Rear Ripper 3 9	Low Profile Rear Ripper 3 9	Low Profile Rear Ripper 5	Low Profile Rear Ripper 3 / 7	Low Profile Rear Ripper 5
	14.00-24(G2)	17.5-25(L4)	17.5-25(L4)	20.5(R25(L3))	20.5(R25(L3))	23.5-25(L5)
	qty qty size	qty qty size	qty qty size	qty qty size	qty qty size	qty qty size
	GD955-7R					

*Including rear mounted Ripper / Scarifier.
Weight and dimensions can differ per model.

Blasthole drills product range (38t to 181t)				
Model:	ZT44	ZR77	ZR122	320XPC
Working ranges: Hole sizes - rotary DTH	mm mm 140-216	200-270 Up to 203mm DTH hammer with 229 mm maximum bit diameter	270-349	270-444
Hole depth, first pass Maximum hole depth:	6.1 42.7 with 6 pipe carousel	16.8 85m with 6 pipe carousel	19.8 85m with 6 pipe carousel	19.8 with option of 21.3 39.6 single pipe rack and 59.4 dual pipe rack
Maximum torque	7 500	14 900	21 700	34 040
Maximum bit load	5 443	34 925	55 338	68 083
Operating weight	38 555	90 718	180 257	181 437
Engine make or electric:	Cummins	Cummins/ electric 6.3KV@50Hz QST 30, Tier 2 783	Cummins/ electric 6.6KV@50Hz QST 38, Tier 2 927	Full electrical operation 6.6 to 7.2KV@ 50Hz
Engine model	QSK 19, Tier 2	570	597	Main drive motor - standard 522kW Optional 746 kW
Standard engine HP mode	597	-	Rotary screw, oil flooded	Screw type - gardner - denver S51 or Sulliar
Compressor: Type	Sulliar 20/12 (1150)	Rotary screw, oil flooded	Rotary screw, oil flooded	-
DTH: High pressure mode	32.9 @ 34.5 bar @1 800 rpm	42.5@ 34.50 bar	-	-
DTH: Low pressure mode	38.5 @ 24.2bar @2 100 rpm	42.5 @ 24.13bar	-	-
Rotary: Standard output	m³/minute	56.6 @ 6.89 bar - 2000 cfm	85 @ 6.89 bar - 3000 cfm	97 @ 65 psi - 3 450 cfm
Optional	m³/minute	76.6 @ 6.89 bar - 2 700 cfm	102 @ 6.89 bar - 3 600 cfm	109 @ 65 psi-3 850 cfm (requires 746 kW motor)



Backhoe loader

Model:	WB93R-5EO	
Engine:	Komatsu	
Make:	SA44D104E-1	
Model:	74@2200	
Net power (SAE J1349/ISO 9249)	40	
Max speed: forward and reverse drive	2WD/4WD selectable	
Drive	1.03	
Front loader bucket: Capacity	2 320	
Width (std. bucket)	2 778	
Dump height	6 500/63.83	
Breakout force (std. bucket) (ISO 8313)	3 900	
Breakout force (std. bucket) (ISO 8313)	5 300	
Lift capacity @ max. height	0.22	
Lift capacity @ ground level (ISO 8313)	600	
Backhoe bucket:	300-900	
Capacity (std. bucket) (ISO 7546)	6 100/59.8	
Width (std. bucket)	4 977/6 021	
Bucket width range	5 754/6 715	
Bucket breakout force (ISO 6015)	4 000/39.2	
Max. digging depth (with telescopic arm)	3 710/(3 750)	
Reach at ground level (from swing centre)	2 320	
Arm breakout force (ISO 6015)	5 817	
Dimensions:	8 070	
Transp. height - Std arm (Tele arm)		
Overall width (with std bucket)		
Length (transport)		
Operating weight:		
Tyres:		
Front		
Rear		
	kW@rpm km/h	
	m ³	
	mm	
	mm	
	kgf/kN	
	kg	
	kg	
	m ³	
	mm	
	mm	
	kgf/kN	
	mm (mm)	
	mm (mm)	
	kgf/kN	
	mm (mm)	
	mm	
	mm	
	kg	
		12.5/8 R18 10PR 16.9x28 12PR

Skid steer loader		
Model:		SK714-5
Operating weight: Engine net power (SAE J1349) Bucket capacity: Std (ISO 7546) Bucket width Bucket breakout force (ISO 8313) Performance: Rated operating capacity (ISO 8313) Dumping clearance, max. height Tipping load (ISO 5998) Max. lifting capacity (ISO 8313) Travel speeds: Forward: working speed Travel speed Reverse: working speed Travel speed Turning radius (outside corner of bucket) Turning radius (at rear tail corner) Ground clearance Dimensions: Overall length - including std. bucket Overall width - with std. bucket Overall height - to top of cab Wheelbase Width over tyres Treads (front and rear) Tyres: front & rear Fuel tank capacity:	kg kW@rpm m³ mm kgf kg mm kg mm km/h km/h km/h mm mm mm mm mm mm mm litres	2 530 34.9@2 800 0.35 1 550 1 750 650 2 140 1 300 1 850 10.5 16 10.5 16 2 100 1 340 210 3 200 1 550 1 960 950 1 520 1 250 10-16.5 8PR 53

Underground hard rock trucks		
Model:	Komatsu 7TD	Komatsu 16TD
Capacity Load capacity (kg) Standard Box (m³) Key dimensions Width - Max Length - tramming Length - wheelbase Length - dump clearance Height - dump clearance Height - protective canopy Height - dump box Height - dump Ground clearance Turning radius - right inner Turning radius - right outer Turn angle Powertrain Std engine Engine power Tier emission level Transmission Torque converter Axles Tyres Fuel tank capacity (l) Hydraulics Hydraulic tank volume (l)	6600 3.3 1549 6217 5069 1219 109 2084 1781 3108 234 3186 5157 42° Deutz BF4L914 72 (96 Hp) Tier 2 Dana HR20000 series Integral Dana 113 series Radial/lugged 9.00 x 20 117 108	16000 8 2318 7728 3652 728 447 2352 2114 3957 336 3087 6022 45° Cummins QSB6.7 1649 (220 Hp) Tier 3 Dana 32000 series Dana CL320 w/Lock-up Dana 16D2149 17.50 R 25 317 165

Underground hard rock LHD

Model:	Komatsu WX03	Komatsu WX04	Komatsu WX07
Capacity Tramming capacity(kg) Standard bucket m³	3000 1.5	4000 1.9	6800 3.1
Key dimensions Height to top of cabin (mm) Height to top of hood (mm) Bucket width (mm) Overall width - not incl bucket(mm) Overall length - tramming (mm) Ground clearance (mm) Bucket pin height - raised (mm) Outside turn radius (m) Inside turn Radius (m) Turn angle (deg)	1938 1447 1549 1422 6642 210 2080 4.394 2.295 38°	2063 1570 1778 1591 7632 275 2510 5.1 2.92 40°	2164 1491 2170 2178 8788 240 3190 5.88 3.03 42°
Performance Hydraulic Breakout Force Lift (kg) Hydraulic Breakout Force Tilt (kg)	3720 7502	11361 9189	14264 13645
Powertrain Std Engine Engine power (kW) Tier Emission level Transmission Torque Converter Axles	Cummins QSB3.3 74 T3 Dana T20000 Dana C2000 Dana 182 9.50 x 20 138	Cummins QSB4.5 97 T4F option Dana 32000 Dana C270 Dana 14D 12.00 X 24 190	Cummins QSB6.7 160 T3 Dana TE14 Dana C3000 Dana 17D 17.5 X 25 243
Tyres Fuel tank capacity (l) Hydraulics Hydraulic tank volume	85	140	171

Underground hard rock face drill

Single boom jumbo	Komatsu ZJ21
Applications Face drills Cross cuts Bolt hole Extension drilling Transmission Axles Engine Brakes Speed Gradeability Rotation angle Boom extension Feed extension Auto parallelism Rock drills	yes Telescopic feed Seamless conversion to Bolting head Telescopic feed Dana T12000 series w/ integrated torque converter Dana 112 Axles w SAHR parking/emergency brakes - hydraulically applied service brakes Cummins QSB 3.35 T3 engine rated 74 kW (99 hp) @ 2600 rpm (MSHA/CANMET) SAHR 17.0 km/h horizontal (0% grade) speed on grade? Max 15° 360° 1400mm 1262mm yes HC50: 45kW, (50 Hp) HC95: 75kW, (100 Hp) HC50: 45 to 76mm HC95: 45 to 102mm Fixed length (mm) 2438, 2768, 3658, 4267mm Telescopic (mm) 2438-3658, 2438-4267mm Standard -56 kW (75 HP) Available option for Jumbo conversion - 75 kW (100HP) FOPS/ROPS Canopy or FOPS/ROPS Cabin
Tramming	
Boom	
Drilling	
Operator environment Dimensions Canopy/ cabin Weight Max width Total length Height with canopy in drill/tram position Boom coverage (width) Boom coverage (height)	15000kg 1680mm 12298mm 2837mm 9286mm 8175mm

Underground hard rock rock bolter		
Medium bolter		Komatsu ZB21
Tramming	Transmission Axles Engine	Dana T12000 series w/ integrated torque converter Dana 112 Axles w SAHR parking/emergency brakes Cummins QSB 3.35 T3 engine rated 74 kW (99 hp) @2600 rpm
Face coverage	Brakes Gradeability Surface covered Rotation angle Boom extension Feed extension	SAHR (MSHA/CANMET) Max 15° Face coverage of 50m² 360°
Drilling	Rock drills	1400mm Feed extension = 427mm Stinger extension = 452mm HC28 - 9.5kW - 47-55 Hz HC50 - 13kW - 45-62.5 Hz HC28 - 32 - 64mm HC50 - 45-76mm
Bolting	Hole diameter Compressor flow Water pump capacity Powerpack power	5.5 kW = 10.3l/s at 13 bar 11 kW = 18.3l/s at 10 bar CR3-17 57l/min at 12 bar Standard - 56kW (75 HP) Yes 1.5 to 2.4m ⁹
Operating environment Dimensions	Split set, resin grouted, mechanical, water inflated Bolt length Carousel capacity Mesh handling Canopy/Cabin Overall dimensions LxWxH min/max (mm) Cornering	Option - integrated into bolting head FOPS/ROPS Canopy for FOPS/ROPS Cabin Dimensions = 10060 x 1680 x 2200/2837mm (8 bolts) Outer radius = 5118mm Inner radius = 3006

Underground hard rock shaft jumbo drill		
Boom Shaft Jumbo	Zs02	ZM01
Boom Drifter Lubrication Bucket well diameter	JZD21 or JZD27 Auto lube 1.88m	ZM01 0.4m³/*0.57m³ 0.5 yd³/*0.75 yd³
Emergency stop	Electrical 1 @ electrical panel (1 per operator console)	Pneumatic
Power unit	100HP electric / 74.5kW / P55 rated (1 per boom)	16510mm
Boom controls	4 and 5 section hydraulic valve (1 per boom)	4267mm
Drill controls	3 section hydraulic valve (1 per boom)	1524mm
Remote controls Function	Optional Tandem hydraulic pumps 130cc/60cc (1 per boom) 244L	965mm
Reservoir capacity Boom coverage one boom only	6m	1 633kg
Boom swing	-11° to +60° from vertical	2 585kg
Boom rotation	360°	4 400kg
Feed advance	1524mm	8 618kg
Feed rotation	360°	
Feed swing	180°	

Note: All machines are configurable to customer requirements so specific weights and dimensions may vary depending on the options selected.

*Pending material density.

Note: All machines are configurable to customer requirements so specific weights and dimensions may vary depending on the options selected.