

# SPECIFICATIONS



## PERFORMANCE

	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S
Payload (Kg)	1000	2000	2000	2000	3000	3000
Unladen Weight (Kg)	1310	1964	2082	2166	2280	2330
Tipping Type	Forward Tip – High Discharge	Forward Tip	Swivel Tip	Swivel Tip – High Discharge	Forward Tip	Swivel Tip
Skip Capacity – Water (litres)	320	750	750	750	1250	1000
Skip Capacity – Struck (litres)	450	1000	1000	1000	1600	1520
Skip Capacity – Heaped (litres)	540	1200	1200	1200	1950	1880
Engine	Kubota D905		Kubota D1703M		Kubota V2203M	
– Number of Cylinders	3		3		4	
– Gross Power – kW (hp)	15.5kW (20.8)		24.5 (32.6)		32.4 (43.5)	
– Displacement (cc)	898		1647		2197	
– Maximum Torque (Nm)	56Nm		105		145	
– Aspiration	Naturally Aspirated		Naturally Aspirated		Naturally Aspirated	
– Emission Compliance	EU Stage 3A		EU Stage 3A		EU Stage 3A	

## TRANSMISSION/DRIVE

Transmission Type	Hydrostatic Pump (Poclain Twinlock) to 4 Hydraulic Wheel Motors	Hydrostatic Motor via Transfer Box to Front & Rear Axles	Manual Gearbox via Transfer Box to Front & Rear Axles
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7.0 x 12 narrow tyre)	100 / 75 x 15.3 (10 ply)	295/80 x 15.3 x 10 ply
Drive	Hydrostatic 1/1	2 / 2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD	Manual – 3 Forward / 1 Reverse
Maximum Travel Speed – mph (kph)	7 (11)	100 (160)	11.8 (19.0)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)	19.5% (1 in 5)	25% (1 in 4)

## CAPACITIES

Fuel Tank Capacity (litres)	35	23	37
Hydraulic Tank Capacity (litres)	25	25	37

## ENVIRONMENTAL

Noise Emission (to ISO 4871) – Sound Pressure (LpAd)	83 dB	86.1 dB	84 dB
Sound Power Level (LWA)	101 dB	101 dB	101 dB
Noise Compliance	Noise – Equipment Used Outdoors Directive 2000/14/E		
Vibration – Hand Arm (as defined in EN 4706)	all operators < 2.5 m/s		
Vibration – Whole Body (as defined in ISO/TR 25398 – Work Cycle)	0.529 rms (0.264 m/s <sup>2</sup> uncertainty)		

## HYDRAULIC SYSTEM

Pump Type	Gear			
Flow Rate	29 l/min	21 l/min	30 l/min	
Operating Pressure	152 bar	210 bar	172 bar	210 bar
Steering System	Orbitrol hydrostatic steering unit powering central hydraulic steering ram		Orbitrol hydrostatic steering unit powering central hydraulic steering ram	

TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA10
3000	3000	3500	6000	6000	9000	10000
2290	2340	2340	4350	4410	4590	4635

Forward Tip	Swivel Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Forward Tip
1250	1000	1000	1950	1850	2064	2446
1600	1520	1520	2750	2740	3899	4128
1950	1880	1880	3780	3530	4587	5046
Kubota V2203M			JCB EcoMax		JCB EcoMax	
4			4		4	
32.4 (43.5)			55 (74)		55 (74)	
2197			4400		4400	
147			400		400	
Naturally Aspirated			Turbocharged		Turbocharged	
EU Stage 3A			EU Stage IIIB/Tier 4 Final			

Hydrostatic Motor via Transfer Box to Front & Rear Axles	Powershuttle via Transfer Box to Front & Rear Axles	Powershuttle via Transfer Box to Front & Rear Axles Powershift as option	Powershift via Transfer Box to Front & Rear Axles
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295/80x15.3x10ply

405-70-20 14PR

500-60-22.5 16PR

2 / 2 (High & Low Range – Forward & Reverse) – Permanent 4WD	4 / 4 Forward and Reverse – Permanent 4WD
11.8 (19.0)	16.3 (26.2)
25% (1 in 4)	20% (1 in 5)

37	65	65
37	50	50

84 dB	81 dB	81 dB
101 dB	101 dB	101 dB

Noise – Equipment Used Outdoors  
Directive 2000/14/EC

<2.5 m7s

0.529 rms (0.264<sup>2</sup> uncertainty)

Gear			Gear			Gear		
30l/min			48.3l/min			60l/min		
172 bar	210 bar	210 bar	172 bar	172 bar	172 bar	172 bar	172 bar	210 bar

Orbitrol hydrostatic steering unit powershift steering ram

## BRAKING SYSTEM

	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S
Working Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors		Multi-Plate In-Board Oil Immersed Disc on Front Ax			
Parking Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors		Over Centre Handbrake – Oil Immersed Discs on Front			

## ELECTRICAL SYSTEM

	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S
Voltage	12V			12V		
Battery	74Ah			74Ah		
Alternator	30A			55A		

## DIMENSIONS

	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S
Total Length (mm)	2980	3570	3550	3550	3725	3952
Total Width (Max) (mm)	998* / 1120	1492	1492	1492	1957	1846
Wheelbase (mm)	1440	1900	1900	1900	1939	1939
Ground Clearance (mm)	241	184	184	184	279	279
Height to Front Lip of Skip (untipped) (mm)		1167	1323	1360	1522	1371
Height to Front Lip of Skip (tipped) (mm)	1620 (raised)	916	983	1142 (lowered) / 1640 (raised)	208	762
Turning Radius to Outside of Skip (mm)	2295	3680	3680	3680	4711	4553
Steering Angle	+/- 45		+/- 30			+/- 30
Oscillation	+/- 14			+/- 10		
Height to Top of ROPS (raised with beacon) (mm)	2832			2920		

\* When fitted with narrow tyres

## STANDARD EQUIPMENT AND OPTIONS

Folding ROPS Frame	Standard			Standard
Reversing Alarm	Standard			Standard
Flashing Beacon	Standard			Standard
Towing/Recovery Bracket	-			Standard
Leg Guard	Option			Standard
Hour Metre	Standard			Standard
Road Lights (RTA) including Front Light Guards	n	Option		Option
Rear View Mirror	-			Option (standard in some markets - check with your local Terex dealer)
CESAR DataTag Security	Option			Option
Fan Guard	-			Option (standard in some markets - check with your local Terex Dealer)
Spare Wheel	Option			Option
Special Paint	Option			Option (standard in some markets - check with your local Terex Dealer)
Seat Belt (High Visibility Orange)	Standard			Standard
Seat (adjustable fore/aft, operator weight and back height)	Standard			Standard
Heavy Duty Articulation Lock	Standard			Standard
Narrow Tyres (7.00 x 12)	Option			-
Wide Tyres (255 / 75 x 15.28 ply)	Standard			-
High Visibility Safety Decals for Steps & Handrails	Option			Option
German/ Swiss Road Homologation Kit	Option	Option	Option	Option
Water in Fuel Monitoring	-			-
Coolant Level Monitoring	-			-

