



TECHNICAL SPECIFICATIONS



Model	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	*NEW* TA9P	*NEW* TA9S	*NEW* TA9SP	*NEW* TA10P
Payload kg (lbs)	1000 (2205)	2000 (4410)	2000 (4410)	2000 (4409)	3000 (6614)	3000 (6614)	3000 (6614)	3000 (7716)	3500 (6614)	6000 (13228)	6000 (13228)	9000 (19842)	9000 (19842)	9000 (19842)	9000 (19842)	10000 (22046)
Power kW (hp)	15.5 (21)	24.5 (32.6)	24.5 (32.6)	24.5 (32.6)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)
Heaped Capacity litres	540	1200	1200	1200	1950	1880	1950	1880	1880	3780	3530	4587	4587	4150	4150	5046

SITE DUMPER

→ TECHNICAL DATA

PERFORMANCE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Payload kg (lbs)	1000 (2205)	2000 (4410)	2000 (4410)	2000 (4409)	3000 (6610)	3000 (6614)	3000 (6614)	3000 (6614)	3500 (7716)	6000 (13228)	6000 (13228)	9000 (19842)	9000 (19842)	10000 (22046)
Unladen Weight kg (lbs)	1340 (2954)	1980 (4365)	2120 (4674)	2320 (5115)	2300 (5071)	2360 (5202)	2320 (5115)	2380 (5247)	2380 (5247)	4340 (9568)	4500 (9921)	4920 (10848)	5260 (11596)	5060 (11155)
Tipping Type	Forward Tip – High Discharge	Forward Tip	Swivel Tip	Swivel Tip – High Discharge	Forward Tip	Swivel Tip	Forward Tip	Swivel Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip
Skip Capacity – Water litres	320	750	750	750	1250	1000	1250	1000	1000	1950	1600	2064	1910	2446
Skip Capacity – Struck litres	450	1000	1000	1000	1600	1520	1600	1520	1520	2750	2440	3899	3340	4128
Skip Capacity – Heaped litres	540	1200	1200	1200	1950	1880	1950	1880	1880	3780	3200	4587	4150	5046

ENGINE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Engine	Kubota D905	Kubota D1703M	Kubota D1703M	Kubota D1703M	Kubota V2203M	Kubota V2203M	Kubota V2203M	Kubota V2203M	Kubota V2203M	JCB EcoMax	JCB EcoMax	JCB EcoMax	JCB EcoMax	JCB EcoMax
Number of Cylinders	3	3	3	3	4	4	4	4	4	4	4	4	4	4
Gross Power – kW (hp)	15.5 (21)	24.5 (32.6)	24.5 (32.6)	24.5 (32.6)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	32.4 (43.4)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)
Displacement cc (in ³)	898 (54.8)	1647 (100.5)	1647 (100.5)	1647 (100.5)	2197 (134)	2197 (134)	2197 (134)	2197 (134)	2197 (134)	4400 (268.5)	4400 (268.5)	4400 (268.5)	4400 (268.5)	4400 (268.5)
Maximum Torque Nm (lbf.ft)	56 (41)	105 (77.4)	105 (77.4)	105 (77.4)	147 (108.4)	147 (108.4)	147 (108.4)	147 (108.4)	147 (108.4)	400 (295)	400 (295)	400 (295)	400 (295)	400 (295)
Aspiration	Naturally Aspirated									Turbocharged				
Emission Compliance	EU Stage 3A (Tier 3)									EU Stage IIIB / Tier 4 Final				

TRANSMISSION/DRIVE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Transmission Type	Hydrostatic Pump (Poclair Twinlock) to 4 Hydraulic Wheel Motors	Hydrostatic Motor via Transfer Box to Front & Rear Axles			Manual – 3 Forward / 1 Reverse		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
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7 x 12 narrow tyre)	10 / 75 x 15.3 (10 ply)			295/80 x 15.3 x 10 ply		295/80 x 15.3 x 10 ply			405–70–20 14PR		500–60–22.5 16PR		
Drive	Hydrostatic 1/1	2 / 2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD			3 / 1 Forward and Reverse – Permanent 4WD		2 / 2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD			4 / 4 Forward and Reverse – Permanent 4WD				
Maximum Travel Speed – mph (kph)	7 (11)	10 (16)	10 (16)	10 (16)	11.8 (19)	11.8 (19)	11.8 (19)	11.8 (19)	11.8 (19)	16.3 (26.2)	16.3 (26.2)	15.4 (24.8)	15.4 (24.8)	15.4 (24.8)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)	19.5% (1 in 5)	19.5% (1 in 5)	19.5% (1 in 5)	25% (1 in 4)	25% (1 in 4)	25% (1 in 4)	25% (1 in 4)	25% (1 in 4)	25% (1 in 4)	25% (1 in 4)	20% (1 in 5)	20% (1 in 5)	20% (1 in 5)

CAPACITIES	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Fuel Tank Capacity (litres)	35	23	23	23	37	37	37	37	37	65	65	65	65	65
Hydraulic Tank Capacity (litres)	25	25	25	25	37	37	37	37	37	50	50	50	50	–

Note: Metric measurements are the critical values
Dimensions are taken from T152021
- 1 litre = 0.26417 Us liquid gallons
- 1 litre = 0.21997 Imperial liquid gallons

→ TECHNICAL DATA

ENVIRONMENTAL	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Noise Emission (to ISO 4871) – Sound Pressure (LpAd)	83 dB	86.1 dB	86.1 dB	86.1 dB	84 dB	84 dB	84 dB	84 dB	84 dB	81 dB	81 dB	81 dB	81 dB	81 dB
Sound Power Level (LWA _d)	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB	101 dB
Noise Compliance	Noise – Equipment Used Outdoors Directive 2000/14/EC													
Vibration – Hand Arm (as defined in EN474-1 all operations)	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²
Vibration – Whole Body (as defined in ISO/TR 25398 – Work Cycle)	0.529 rms (0.264 m/s ² Uncertainty)													
HYDRAULIC SYSTEM	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Pump Type	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear
Flow Rate l/min	29	21	21	21	30	30	30	30	30	60	60	60	60	60
Operating Pressure bar (PSI)	152 (2204)	210 (3050)	210 (3050)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	172 (2494.6)	172 (2494.6)	210 (3045.7)	210 (3045.7)	210 (3045.7)
Steering System	Orbitrol hydrostaticsteering unit powering central hydraulic steering ram													

Note: Metric measurements are the critical values
 Dimensions are taken from t152021
 - 1 litre = 0.26417 Us liquid gallons
 - 1 litre = 0.21997 Imperial liquid gallons

BRAKING SYSTEM	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Working Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	Multi-Plate In-Board Oil Immersed Discs on Front Axle								Foot Brake – Oil immersed discs on front/rear				
Parking Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	Over Centre Handbrake – Oil Immersed Discs on Front Axle								Over Centre parking brake – Dry disc in gearbox				

ELECTRICAL SYSTEM	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Voltage	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V
Battery	74Ah	74Ah	74Ah	74Ah	74Ah	74Ah	74Ah	74Ah	74Ah	100Ah	100Ah	100Ah	100Ah	100Ah
Alternator	30A	55A	55A	55A	55A	55A	55A	55A	55A	95A	95A	95A	95A	95A

DIMENSIONS		TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S	TA10P
Total Length	mm (ft in)	2980 (9' 9")	3550 (11' 8")	3570 (11' 9")	3550 (11' 8")	3734 (12' 3")	3952 (13')	3734 (12' 3")	3952 (13')	3952 (13')	4405 (14' 5")	4539 (14' 11")	4484 (18' 9")	4666 (15' 4")	4530 (14' 10")
Total Width	mm (ft in)	984 (3' 3")* / 1110 (3' 8")	1473 (4' 10")	1473 (4' 10")	1473 (4' 10")	1957 (6' 5")	1846 (6' 1")	1957 (6' 5")	1846 (6' 1")	1846 (6' 1")	2300 (7' 7")	2207 (7' 3")	2500 (8' 3")	2380 (7' 10")	2550 (8' 4")
Wheelbase	mm (ft in)	1440 (4' 9")	1900 (6' 3")	1900 (6' 3")	1900 (6' 3")	1939 (6' 4")	1939 (6' 4")	1939 (6' 4")	1939 (6' 4")	1939 (6' 4")	2450 (8' 1")	2450 (8' 1")	2450 (8' 1")	2450 (8' 1")	2450 (8' 1")
Ground Clearance	mm (ft in)	207 (8")* / 284 (11")	184 (7")	184 (7")	184 (7")	279 (11")	279 (11")	279 (11")	279 (11")	279 (11")	385 (1' 3")	385 (1' 3")	374 (1' 3")	374 (1' 3")	374 (1' 3")
Height to Front Lip of Skip (Untipped)	mm (ft in)	1620 (5' 4") (Raised)	1055 (3' 6") (Lowered) / 1644 (5' 5") (Raised)	916 (3')	983 (3' 3")	263 (10")	853 (2' 10")	263 (10")	853 (2' 10")	853 (2' 10")	504 (1' 8")	1258 (4' 3")	490 (1' 7")	1215 (4')	490 (1' 7")
Turning Radius to Outside of Skip	mm (ft in)	2326 (7' 8")	3610 (11' 10")	3610 (11' 10")	3610 (11' 10")	4711 (15' 6")	4553 (14' 11")	4711 (15' 6")	4553 (14' 11")	4553 (14' 11")	5863 (19' 3")	5726 (18' 10")	5994 (19' 8")	5816 (19' 1")	6011 (19' 9")
Steering Angle		+/- 45°	+/- 30.6°	+/- 30.6°	+/- 30.6°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°	+/- 30°
Oscillation		+/- 14°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10.5°	+/- 10°	+/- 10°	+/- 10°	+/- 10°	+/- 10°
Height to Top of ROPS (Raised with beacon)	mm (ft in)	2837 (9' 4")	2940 (9' 8")	2940 (9' 8")	2940 (9' 8")	2920 (9' 7")	2920 (9' 7")	2920 (9' 7")	2920 (9' 7")	2920 (9' 7")	3306 (10' 10")	3306 (10' 10")	3668 (12' 1")	3668 (12' 1")	3668 (12' 1")