TECHNICAL SPECIFICATIONS







Model	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Payload kg (lbs)	1000 (2204)	2000 (4410)	2000 (4410)	2000 (4410)	3000 (6613)	3000 (6613)	3000 (6613)	3000 (6613)	3500 (7716)	6000 (13230)	6000 (13230)	9000 (19840)	9000 (19840)
Power kW (hp)	17.2 (23)	18.5 (25)	18.5 (25)	18.5 (25)	18.5 (25)	18.5 (25)	18.5/37 (25/50)	18.5/37 (25/50)	18.5/37 (25/50)	55 (74)	55 (74)	55 (74)	55 (74)
Heaped Capacity m^3 (yd^3)	0.54 (0.71)	1.2 (1.57)	1.2 (1.57)	1.2 (1.57)	1.95 (2.55)	1.88 (2.46)	1.95 (2.55)	1.88 (2.46)	1.88 (2.46)	3.9 (3.8)	3.1 (4.1)	4.5 (5.9)	4.1 (5.4)

SITE DUMPER

TECHNICAL DATA

PERFORMANCE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Payload kg (lbs)	1000 (2204)	2000 (4410)	2000 (4410)	2000 (4410)	3000 (6610)	3000 (6613)	3000 (6613)	3000 (6613)	3500 (7716)	6000 (13230)	6000 (13230)	9000 (19840)	9000 (19840)
Operating weight kg (lbs) ISO6016 – full tank of fuel and 75kg (165 lbs) operator	1375 (3031)	1980 (4365)	2175 (4795)	2335 (5148)	2300 (5071)	2395 (5280)	2315 (5104)	2475 (5456)	2475 (5456)	4195 (9248)	4335 (9557)	4915 (10835)	5095 (11233)
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
Skip Capacity – Water m^3 (yd^3)	0.32 (0.42)	0. 75 (0.98)	0. 75 (0.98)	0. 75 (0.98)	1.25 (1.63)	1.0 (1.31)	1.25 (1.63)	1.0 (1.31)	1.0 (1.31)	1.6 (2.1)	1.6 (2.09)	2 (2.6)	1.9 (2.5)
Skip Capacity – Struck m^3 (yd^3)	0.45 (0.59)	1.0 (1.31)	1.0 (1.31)	1.0 (1.31)	1.6 (2.1)	1.52 (1.99)	1.6 (2.09)	1.52 (1.99)	1.52 (1.99)	2.4 (3.1)	2.4 (3.1)	3.7 (4.8)	3.3 (4.3)
Skip Capacity – Heaped m^3 (yd^3)	0.54 (0.71)	1.2 (1.57)	1.2 (1.57)	1.2 (1.57)	1.95 (2.55)	1.88 (2.46)	1.95 (2.55)	1.88 (2.46)	1.88 (2.46)	2.9 (3.8)	3.1 (4.1)	4.5 (5.9)	4.1 (5.4)

ENGINE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Engine	Kubota D1005	Kubota D1703M	Kubota D1703M	Kubota D1703M	Kubota D1703M	Kubota D1703M	Kubota D1703M / D1803	Kubota D1703M / D1803	Kubota D1703M / D1803	Perkins® Syncro	Perkins® Syncro	Perkins® Syncro	Perkins® Syncro
Number of Cylinders	3	3	3	3	3	3	3	3	3	4	4	4	4
Gross Power kW (hp)	17.2 (23)	18.5 (25)	18.5 (25)	18.5 (25)	18.5 (25)	18.5 (25)	18.5/37 (25/50)	18.5/37 (25/50)	18.5/37 (25/50)	55 (74)	55 (74)	55 (74)	55 (74)
Displacement cc (in^3)	1001 (61.08)	1647 (100.5)	1647 (100.5)	1647 (100.5)	1647 (100.5)	1647 (100.5)	1647/1826 (100.5/111.4)	1647/1826 (100.5/111.4)	1647/1826 (100.5/111.4)	3600 (220.9)	3600 (220.9)	3600 (220.9)	3600 (220.9)
Maximum Torque Nm (lbf.ft)	63 (46.5)	97 (71.5)	97 (71.5)	97 (71.5)	97 (71.5)	97 (71.5)	97/150 (71.5/110)	97/150 (71.5/110)	97/150 (71.5/110)	424 (313)	424 (313)	424 (313)	424 (313)
Aspiration	Naturally Aspirated						Naturally Aspirated / Turbocharged**			Turbocharged			
Emission Compliance	EU Stage V / U.S. EPA Tier 4 Final*									EU Stage V / U.S. EPA Tier 4 Final*			

TRANSMISSION/DRIVE	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Transmission Type	Hydrostatic Pump (Poclain 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			
Tyre Size	255 / 75 x 15.3 x 8 ply (option 7 x 12 narrow tyre)	255 / 75 x 15.3 x 8 ply								405–70–20 14PR		500–60–22.5 16PR	
Drive	Hydrostatic 1/1 Twin Lock 4WD	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)	7.5 (12)	10 (16)	10 (16)	10 (16)	10 (16.2)	10 (16.2)	9.2 / 12** (14.8 / 19**)	9.2 / 12** (14.8 / 19**)	9.2 / 12** (14.8 / 19**)	15 (24)	15 (24)	15 (24)	15 (24)
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)

CAPACITIES	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Fuel Tank Capacity L (US gal)	35 (9.25)	23 (6.08)	23 (6.08)	23 (6.08)	37 (9.77)	37 (9.77)	37 (9.77)	37 (9.77)	37 (9.77)	65 (17.17)	65 (17.17)	65 (17.17)	65 (17.17)
Hydraulic Tank Capacity L (US gal)	25 (6.6)	25 (6.6)	25 (6.6)	25 (6.6)	37 (9.77)	37 (9.77)	37 (9.77)	37 (9.77)	37 (9.77)	50 (13.2)	50 (13.2)	50 (13.2)	50 (13.2)

* Depending on your Local Legislation - Environmental Protection Agency (EPA)
** Dependant on standard or high power engine

Note: Metric measurements are the critical values
- 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
Noise Emission (to ISO 4871) – Sound Pressure (LpAd) (dB)	83	86.1	86.1	86.1	84	84	84	84	84	81	81	81	81
Sound Power Level (LWAd) (dB)	101	101	101	101	101	101	101	101	101	101	101	101	101
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
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
Pump Type	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear	Gear
Flow Rate l/min (US gpm)	22 (5.81)	17.6 (4.65)	17.6 (4.65)	17.6 (4.65)	24.7 (6.52)	24.7 (6.52)	24.7 (6.52)	24.7 (6.52)	24.7 (6.52)	74 (19.55)	74 (19.55)	74 (19.55)	74 (19.55)
Operating Pressure bar (PSI)	150 (2176)	210 (3050)	210 (3050)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	210 (3045.7)	175 (2538)	175 (2538)	210 (3045.7)	210 (3045.7)
Steering System	Orbitrol hydrostaticsteering unit powering central hydraulic steering ram												

Note: Metric measurements are the critical values
- 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
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 on gearbox output			

ELECTRICAL SYSTEM	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Voltage	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
Alternator	30A	55A	55A	55A	55A	55A	55A	55A	55A	95A	95A	95A	95A

DIMENSIONS		TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA9	TA9S
Total Length	mm (ft in)	3006 (9'10")	3606 (11'10")	3606 (11'10")	3606 (11'10")	3734 (12'3")	3930 (12'11")	3734 (12'3")	3930 (12'11")	3930 (12'11")	4388 (14'5")	4648 (15'3")	4510 (14'8")	4668 (15'3")
Total Width	mm (ft in)	985 (3'3")* / 1110 (3'7")	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")	2211 (7'3")	2389 (7'8")	2364 (7'8")
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")
Ground Clearance	mm (ft in)	207 (8")* / 284 (11")	184 (7")	184 (7")	184 (7")	281 (11")	281 (11")	227 (9")	227 (9")	227 (9")	377 (1'3")	377 (1'3")	417 (1'4")	397 (1'3")
Height to Front Lip of Skip (tipped)	mm (ft in)	559 (1'10") (lowered) /1602 (5'3") (raised)	919 (3')	987 (3'3")	1055 (3'6") (lowered) / 1644 (5'5") (raised)	263 (10")	785 (2'7")	239 (9")	810 (2'8")	810 (2'8")	431 (1'5")	1127 (3'8")	462 (1'6")	1171 (3'10")
Turning Radius to Outside of Skip	mm (ft in)	2324 (7'7")	3695 (12'1")	3695 (12'1")	3695 (12'1")	4708 (15'5")	4542 (14'11")	4708 (15'5")	4542 (14'11")	4542 (14'11")	6487 (21'3")	6388 (20'11")	6557 (21'6")	6463 (21'2")
Steering Angle		+/-45°	+/-30.6°	+/-30.6°	+/-30.6°	+/-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°
Height to Top of OPS (Raised with beacon)	mm (ft in)	2837 (9'4")	2943 (9'8")	2943 (9'8")	2943 (9'6")	2889 (9'6")	2659 (8'9")	2919 (9'7")	2919 (9'7")	2919 (9'7")	3145 (10'4")	3145 (10'4")	3615 (11'9")	3615 (11'9")

* When fitted with optional narrow tyres.

STANDARD AND OPTIONAL EQUIPMENT

TA1EH STANDARD

- Folding ROPS Frame
- Reversing Alarm
- Flashing Beacon
- Hour Metre
- Seat Belt (High Visibility Orange)
- Seat (adjustable fore/aft, operator weight and back angle)
- Heavy Duty Articulation Lock
- Wide Tyres (255 / 75x15.2 8ply)
- High Visibility Safety Decals for Steps & Handrails

TA1EH OPTIONS

- LED Flashing Beacon
- Road Lights (RTA) including Front Light Guards
- L/H & R/H Rear View Mirrors
- CESAR Datatag Security
- Spare Wheel
- Special Paint
- Narrow Tyres (7x12)
- German / Swiss Road Homologtation Kit

TA2H / TA2SH / TA2SEH STANDARD

- Folding ROPS Frame
- Reversing Alarm
- Flashing Beacon
- Towing/Recovery Bracket
- Leg Guard
- Hour Metre
- Seat Belt (High Visibility Orange)
- Seat (adjustable fore/aft, operator weight and back angle)
- Heavy Duty Articulation Lock
- High Visibility Safety Decals for Steps & Handrails

TA2H / TA2SH / TA2SEH OPTIONS

- LED Flashing Beacon
- Road Lights (RTA) including Front Light Guards
- L/H & R/H Rear View Mirrors (standard in some markets – check with your local Mecalac dealer)
- CESAR Datatag Security
- Fan Guard (standard in some markets – check with your local Mecalac dealer)
- Spare Wheel
- Special Paint (standard in some markets – check with your local Mecalac dealer)
- German / Swiss Road Homologtation Kit

TA3H / TA3SH / TA3.5SH STANDARD

- 18.5kW EU Stage V Engine
- Folding ROPS Frame
- Reversing Alarm
- Flashing Beacon
- Towing/Recovery Bracket
- Leg Guard
- Hour Metre
- Seat Belt (High Visibility Orange)
- Seat (adjustable fore/aft, operator weight and back angle)
- Heavy Duty Articulation Lock
- High Visibility Safety Decals for Steps & Handrails

TA3H / TA3SH / TA3.5SH OPTIONS

- 37kW EU Stage V Engine
- LED Flashing Beacon
- Road Lights (RTA) including Front Light Guards
- L/H & R/H Rear View Mirrors (standard in some markets – check with your local Mecalac dealer)
- CESAR Datatag Security
- Fan Guard (standard in some markets – check with your local Mecalac dealer)
- Spare Wheel
- Special Paint (standard in some markets – check with your local Mecalac dealer)
- German / Swiss Road Homologtation Kit
- Concrete Chute (Swing Only)

Standard and optional equipment may vary.
Consult your Mecalac dealer for details.