

Mecalac TA1EH Dumper



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 / 75 x 15.2 8ply)

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 (7 x 12)

High Visibility Safety Decals for Steps & Handrails

German / Swiss Road Homologation Kit

Model	TA1EH
Payload kg (lbs)	1000 (2205)
Power kW (hp)	15.5 (21)
Heaped Capacity litres	540

DIMENSIONS		TA1EH
Total Length	mm (ft in)	2980 (9' 9")
Total Width	mm (ft in)	984 (3' 3")* / 1110 (3' 8")
Wheelbase	mm (ft in)	1440 (4' 9")
Ground Clearance	mm (ft in)	207 (8")* / 284 (11")
Height to Front Lip of Skip (Untipped)	mm (ft in)	1620 (5' 4") (Raised)
Turning Radius to Outside of Skip	mm (ft in)	2326 (7' 8")
Steering Angle		+/- 45°
Oscillation		+/- 14°
Height to Top of ROPS (Raised with beacon)	mm (ft in)	2837 (9' 4")

ENVIRONMENTAL		TA1EH
Noise Emission (to ISO 4871) – Sound Pressure (LpAd)		83 dB
Sound Power Level (LWAd)		101 dB
Noise Compliance		
Vibration – Hand Arm (as defined in EN474-1 all operations)		<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)

BRAKING SYSTEM		TA1EH
Working Brake		Hydrostatic Dynamic Braking on Rear Wheel Motors
Parking Brake		Hydrostatic Dynamic Braking on Rear Wheel Motors

ENGINE	TA1EH
Engine	Kubota D905
Number of Cylinders	3
Gross Power – kW (hp)	15.5 (21)
Displacement cc (in ³)	898 (54.8)
Maximum Torque Nm (lbf.ft)	56 (41)
Aspiration	Naturally Aspirated
Emission Compliance	EU Stage 3A (Tier 3)

TRANSMISSION/DRIVE	TA1EH
Transmission Type	Hydrostatic Pump (Poclair Twinlock) to 4 Hydraulic Wheel Motors
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7 x 12 narrow tyre)
Drive	Hydrostatic 1/1
Maximum Travel Speed – mph (kph)	7 (11)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)

HYDRAULIC SYSTEM	TA1EH
Pump Type	Gear
Flow Rate l/min	29
Operating Pressure bar (PSI)	152 (2204)
Steering System	Orbitrol hydrostaticsteering unit powering central hydraulic steering ram

CAPACITIES	TA1EH
Fuel Tank Capacity (litres)	35
Hydraulic Tank Capacity (litres)	25

ELECTRICAL SYSTEM	TA1EH
Voltage	12V
Battery	74Ah
Alternator	30A