

**MecALAC**

SITE DUMPERTA  
SERIES



**SITE DUMPER**

SERIES





**TA** SERIES

# NEW TA RANGE: FULLY COMPLIANT WITH THE LATEST SAFETY STANDARDS

RENTAL TOUGH SKIP  
DESIGN AND CHASSIS  
FABRICATIONS  
FOR UNRIVALLED  
RELIABILITY

HAZARD DETECTION  
CAPABILITY TO  
FURTHER IMPROVE  
ON-SITE SAFETY

FRONT-VIEW CAMERA  
AS STANDARD (EXCEPT TA1)

STOP/START CONTROL FOR  
IMPROVED FUEL EFFICIENCY AND  
INCREASED SERVICE INTERVALS

INCLINOMETER / SAFE  
TIP INDICATOR ON ALL  
MODELS

FORWARD AND SWIVEL  
TIPPING MECHANISMS TO  
SUIT EVERY APPLICATION

**SIDE PROTECTION GATES FOR ENHANCED OPERATOR SAFETY (6/9T MODELS)**

**FOLDING ROPS FOR EASY TRANSPORT**

**LARGE OPENING SERVICE DOORS FOR BEST IN CLASS SERVICE ACCESS**

**HIGH-PERFORMANCE, WATER-COOLED DIESEL ENGINES FOR EFFICIENT OPERATION**

**TELEMATICS SYSTEM FOR PRECISE FLEET INSIGHT**

**HYDROSTATIC TRANSMISSION NOW STANDARD ON ALL MODELS FOR EASY, SAFE AND COMFORTABLE DRIVE**

**MARKET-LEADING GROUND CLEARANCE FOR SUPERIOR OFF-ROAD PERFORMANCE**

**HIGH-PERFORMANCE DISC BRAKES FOR REDUCED STOPPING DISTANCES**

**TA1**

**TA2**

**TA3**

**TA3.5**

**TA5**

**TA9**





## SERVICES

# PERFORMANCE, PROFITABILITY, LONGEVITY

DISCOVER OUR SERVICES

## MECALAC PREMIUM LUBRICANTS

Premium lubricants to get the best out of your machines:

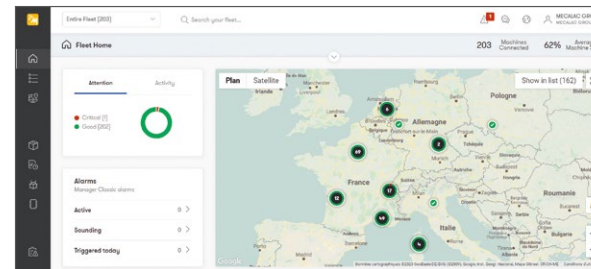
- Extended machine life
- Extended warranty and extended oil change intervals
- All-weather efficiency



## MY MECALAC CONNECTED SERVICES

To optimise the use of its machines, MECALAC offers a range of telematics services:

- Remote fleet management
- Access to all machine usage data of the machines
- Limited machine downtime thanks to preventive maintenance





## MECALAC GENUINE PARTS

Only genuine MECALAC parts ensure optimum service life and maximum performance:

- Certified genuine parts
- Maintenance kits
- Extended warranty



## MECALAC TRAINING



Make full use of the full potential of your Mecalac machines:

- Efficient use
- Individual coaching
- Intensive practice

## MECALAC FINANCIAL SOLUTIONS

A complete range of financial products and associated services to meet your specific needs:

- Machine purchase
- Machine rental
- Competitive rates



## WARRANTY EXTENSIONS



Our solutions are well-adapted to your needs to maximise the life of your machines:

- Customised contracts
- Peace of mind
- Controlled expenses



The list of services offered may vary depending on your country.  
Consult your local Mecalac dealer for details.



# TECHNICAL SPECIFICATIONS



TA1EH



TA2SH



TA2SEH



TA3H / TA3SH



TA3.5SH



TA6H



TA6SH



TA9H

Model	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Payload kg (lbs)	1000 (2204)	2000 (4410)	2000 (4410)	3000 (6613)	3000 (6613)	3500 (7716)	6000 (13230)	6000 (13230)	9000 (19840)
Power kW (hp)	17.5 (23)	18.5 (25)	18.5 (25)	18.5 (25)	18.5 (25)	37 (50)	55 (74)	55 (74)	55 (74)
Heaped Capacity m <sup>3</sup> (yd <sup>3</sup> )	0.54 (0.71)	1.2 (1.57)	1.2 (1.57)	1.95 (2.55)	1.88 (2.46)	1.88 (2.46)	2.9 (3.8)	3.1 (4.1)	4.5 (5.9)

# TECHNICAL DATA

PERFORMANCE	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Payload kg (lbs)	1000 (2204)	2000 (4410)		3000 (6613)	3000 (6613)	3500 (7716)	6000 (13230)		9000 (19840)
Operating weight kg (lbs) ISO6016 – full tank of fuel and 75kg (165 lbs) operator	1375 (3031)	2175 (4795)	2295 (5059)	2315 (5104)	2450 (5401)	2515 (5544)	4145 (9138)	4345 (9579)	4450 (9810)
Tipping type	Forward Tip High Discharge	Swivel Tip	Swivel Tip High Discharge	Forward Tip	Swivel Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip
Skip capacity – Water m <sup>3</sup> (yd <sup>3</sup> )	0.32 (0.42)	0.7 (0.92)		1.25 (1.63)	1.0 (1.31)	1.0 (1.31)	1.6 (2.1)	1.6 (2.09)	2 (2.6)
Skip capacity – Struck m <sup>3</sup> (yd <sup>3</sup> )	0.45 (0.59)	1.0 (1.31)		1.6 (2.09)	1.52 (1.99)	1.52 (1.99)	2.4 (3.1)	2.4 (3.1)	3.7 (4.8)
Skip capacity – Heaped m <sup>3</sup> (yd <sup>3</sup> )	0.54 (0.71)	1.2 (1.57)		1.95 (2.55)	1.88 (2.46)	1.88 (2.46)	2.9 (3.8)	3.1 (4.1)	4.5 (5.9)

ENGINE	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Engine	Kubota D1005	Kubota D1703M		Kubota D1703M	Kubota D1703M	Kubota D1803	Perkins® Syncro		Perkins® Syncro
Number of cylinders	3	3		3		4		4	
Gross power kW (hp)	17.5 (23)	18.5 (25)		18.5 (25)	18.5 (25)	37 (50)	55 (74)		55 (74)
Displacement cc (in <sup>3</sup> )	1001 (61.08)	1647 (100.5)		1647 (100.5)	1647 (100.5)	1826 (111.4)	2800 (170.9)		2800 (170.9)
Maximum torque Nm (lbf.ft)	63 (46.5)	97 (71.5)		97 (71.5)	97 (71.5)	150 (110)	375 (277)		375 (277)
Aspiration	Naturally Aspirated	Naturally Aspirated		Naturally Aspirated		Turbocharged	Turbocharged		Turbocharged
Emission compliance	EU Stage V U.S. EPA Tier 4 Final*	EU Stage V U.S. EPA Tier 4 Final*		EU Stage V U.S. EPA Tier 4 Final*		EU Stage V U.S. EPA Tier 4 Final*		EU Stage V U.S. EPA Tier 4 Final*	

TRANSMISSION/DRIVE	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Transmission type	Hydrostatic Pump (Poclairn Twinlock) to 4 Hydraulic Wheel Motors	Hydrostatic Motor via Transfer Box to Front & Rear Axles		Hydrostatic Motor via Transfer Box to Front & Rear Axles			Hydrostatic Motor via Transfer Box to Front & Rear Axles		Hydrostatic Motor 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		295/80-15.3 (10PR)			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		2/2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD			1/1 Forward and Reverse – Permanent 4WD		1/1 Forward and Reverse – Permanent 4WD
Maximum travel speed mph (kph)	7.5 (12)	10.6 (17)		9.2 (14.8)	9.2 (14.8)	12 (19)	15.5 (25)		15 (24)
Gradeability (Maximum slope gradient)	20% (1 in 5)	25% (1 in 4)		25% (1 in 4)			25% (1 in 4)		20% (1 in 5)

CAPACITIES	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Fuel tank capacity L (US gal)	35 (9.25)	23 (6.08)		37 (9.77)			65 (17.17)		65 (17.17)
Hydraulic tank capacity L (US gal)	25 (6.6)	25 (6.6)		37 (9.77)			50 (13.2)		50 (13.2)

\* Depending on your Local Legislation - Environmental Protection Agency (EPA)

**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	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Noise emission (to ISO 4871) – Sound pressure (LpAd) (dB)	84	82			82		TBC		TBC
Sound power level (LWA) (dB)	101	101			101		101		101
Noise compliance	Noise – Equipment used outdoors directive 2000/14/EC	Noise – Equipment used outdoors directive 2000/14/EC			Noise – Equipment used outdoors directive 2000/14/EC		Noise – Equipment used outdoors directive 2000/14/EC		Noise – Equipment used outdoors directive 2000/14/EC
Vibration – Hand arm (as defined in EN474–1 all operations)	<4.49 m/s <sup>2</sup>	<2.5 m/s <sup>2</sup>			<2.5 m/s <sup>2</sup>		<2.5 m/s <sup>2</sup>		<2.5 m/s <sup>2</sup>
Vibration – Whole body (as defined in ISO/TR 25398 – Work cycle)	0.61 rms (0.31 m/s <sup>2</sup> Uncertainty)	0.61 rms (0.31 m/s <sup>2</sup> Uncertainty)			0.61 rms (0.31 m/s <sup>2</sup> Uncertainty)		0.61 rms (0.31 m/s <sup>2</sup> Uncertainty)		0.61 rms (0.31 m/s <sup>2</sup> Uncertainty)
HYDRAULIC SYSTEM	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Pump type	Gear	Gear			Gear		Gear		Gear
Flow rate l/min (US gpm)	22 (5.81)	17.6 (4.65)			24.7 (6.52)		78 (21)		78 (21)
Operating pressure bar (PSI)	150 (2176)	210 (3050)			210 (3045.7)		210 (3045)		210 (3045.7)
Steering system	Orbitrol hydrostaticsteering unit powering central hydraulic steering ram	Orbitrol hydrostaticsteering unit powering central hydraulic steering ram			Orbitrol hydrostaticsteering unit powering central hydraulic steering ram		Orbitrol hydrostaticsteering unit powering central hydraulic steering ram		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



# **TECHNICAL DATA**

<b>BRAKING SYSTEM</b>	<b>TA1EH</b>	<b>TA2SH</b>	<b>TA2SEH</b>	<b>TA3H</b>	<b>TA3SH</b>	<b>TA3.5SH</b>	<b>TA6H</b>	<b>TA6SH</b>	<b>TA9H</b>
Working brake	Hydrostatic dynamic on all wheels	Multi-plate in-board – Oil immersed discs on front axle		Multi-plate in-board – Oil immersed discs on front axle			Foot brake – Oil immersed discs on front/rear		Foot brake – Oil immersed discs on front/rear
Parking brake	SAHR brake on rear wheels	Over centre handbrake – Oil immersed discs on front axle		Spring applied hydraulic release (SAHR) – Oil immersed discs on front axle			Over centre parking brake – Dry disc on gearbox output		Over centre parking brake – Dry disc on gearbox output

<b>ELECTRICAL SYSTEM</b>	<b>TA1EH</b>	<b>TA2SH</b>	<b>TA2SEH</b>	<b>TA3H</b>	<b>TA3SH</b>	<b>TA3.5SH</b>	<b>TA6H</b>	<b>TA6SH</b>	<b>TA9H</b>
Voltage	12V	12V		12V			12V		12V
Battery	74Ah	74Ah		74Ah			100Ah		100Ah
Alternator	40A	55A		55A	55A	60A	95A		95A

<b>DIMENSIONS</b>		<b>TA1EH</b>	<b>TA2SH</b>	<b>TA2SEH</b>	<b>TA3H</b>	<b>TA3SH</b>	<b>TA3.5SH</b>	<b>TA6H</b>	<b>TA6SH</b>	<b>TA9H</b>
Total length	mm (ft in)	3006 (9'10")	3606 (11'10")		3744 (12'3")	3930 (12'11")	3930 (12'11")	4388 (14'5")	4648 (15'3")	4510 (14'8")
Total width	mm (ft in)	985 (3'3")* 1110 (3'7")	1473 (4'10")		1957 (6'5")	1846 (6'1")	1846 (6'1")	2300 (7'7")	2211 (7'3")	2389 (7'8")
Wheelbase	mm (ft in)	1440 (4'9")	1900 (6'3")		1939 (6'4")	1939 (6'4")	1939 (6'4")	2450 (8'1")	2450 (8'1")	2450 (8'1")
Ground clearance	mm (ft in)	207 (8")* / 237 (9")	212 (8")		272 (10")	242 (9")	242 (9")	377 (1'3")	377 (1'3")	417 (1'4")
Height to front lip of skip (tipped)	mm (ft in)	559 (1'10") (lowered) 1602 (5'3") (raised)	993 (3'3")	1055 (3'6") (lowered) 1653 (5'5") (raised)	249 (9")	852 (2'9")	852 (2'9")	431 (1'5")	1127 (3'8")	462 (1'6")
Turning radius to outside of skip	mm (ft in)	2324 (7'7")	3698 (12'2")		4708 (15'5")	4542 (14'11")	4542 (14'11")	6487 (21'3")	6388 (20'11")	6557 (21'6")
Steering angle		+/-45°	+/-30.6°		+/-30°			+/-30°		+/-30°
Oscillation		+/-14°	+/-10.5°		+/-10.5°			+/-10°		+/-10°
Height to top of OPS (Raised with beacon)	mm (ft in)	2837 (9'4")	2928 (9'7")		2925 (9'7")			3145 (10'4")		3615 (11'9")

\* When fitted with optional narrow tyres.

# **STANDARD AND OPTIONAL EQUIPMENT**

## **TA1EH STANDARD**

Inclinometer / Safe Tip Indicator
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
Rear-view mirrors

## **TA1EH OPTIONS**

LED Flashing Beacon
Road Lights (RTA) including Front Light Guards
CESAR Datatag Security
Spare Wheel
Special Paint
Narrow Tyres (7x12)
German / Swiss Road Homologtation Kit

## **TA2SH / TA2SEH STANDARD**

Inclinometer / Safe Tip Indicator
Front-view camera
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
Rear-view mirrors

## **TA2SH / TA2SEH OPTIONS**

LED Flashing Beacon
Road Lights (RTA) including Front Light Guards
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**

Inclinometer / Safe Tip Indicator
Front-view camera
18.5kW EU Stage V Engine (TA3H / TA3SH)
37kW EU Stage V Engine (TA3.5SH)
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
Rear-view mirrors

## **TA3H / TA3SH / TA3.5SH OPTIONS**

LED Flashing Beacon
Road Lights (RTA) including Front Light Guards
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.**

# STANDARD AND OPTIONAL EQUIPMENT

## TA6H/TA6SH STANDARD

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Inclinometer / Safe Tip Indicator  
Front-view camera  
Additional Side Protection Gates  
Folding ROPS Frame  
Reversing Alarm  
Flashing Beacon  
Towing/Recovery Bracket  
Hour Metre  
Seat Belt (High Visibility Orange)  
Seat (adjustable fore/aft, operator weight and back angle)  
Heavy Duty Articulation Lock  
Water in Fuel Monitoring  
High Visibility Safety Decals for Steps & Handrails  
SHIELD Technology Pack  
Rear-view mirrors

## TA6H/TA6SH OPTIONS

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LED Flashing Beacon  
Road Lights (RTA) including Front Light Guards  
CESAR Datatag Security  
Fan Guard  
Spare Wheel  
Special Paint  
German / Swiss Road Homologation Kit  
Biodegradable Hydraulic Oil  
SHIELD Technology Pack

## TA9H STANDARD

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Inclinometer / Safe Tip Indicator  
Front-view camera  
Additional Side Protection Gates  
Folding ROPS Frame  
Reversing Alarm  
Flashing Beacon  
Towing/Recovery Bracket  
Hour Metre  
Seat Belt (High Visibility Orange)  
Seat (adjustable fore/aft, operator weight and back angle)  
Heavy Duty Articulation Lock  
Water in Fuel Monitoring  
High Visibility Safety Decals for Steps & Handrails  
SHIELD Technology Pack  
Rear-view mirrors

## TA9H OPTIONS

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LED Flashing Beacon  
Road Lights (RTA) including Front Light Guards  
CESAR Datatag Security  
Fan Guard  
Spare Wheel  
Special Paint  
Biodegradable Hydraulic Oil  
SHIELD Technology Pack

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

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