



SERIES

EN



 **MECALAC**
FAYAT GROUP



RENTAL TOUGH

ROBUST. VERSATILE. HIGHLY MOBILE.

Robust, reliable and essential for urban worksites, Mecalac dumpers have been developed with several decades of expertise in the design and manufacture of public works machinery. Equipped with the latest engine technology, each model offers exceptional performance for superior productivity to ensure site profitability, operator comfort and safety. With state-of-the-art technology, robust chassis and intuitive controls, it's easy to see why each model is the obvious choice when it comes to transporting and unloading materials on any type of job site. With payloads ranging from 1 to 9 tonnes, Mecalac's TA-Series of dumpers is available in front tip skip, swivel tip skip and elevating skip versions depending on the model, making them the ideal choice for many applications in urban areas and generally wherever space is limited. The hydrostatic transmission, standard on all models, ensures smooth, uninterrupted power, providing maximum mobility in all conditions.



TA1
TA2
TA3
TA3.5
TA6
TA9





COMPACTNESS



VERSATILITY



MOBILITY



COMPACT PERFECTION

**THE TA1EH DUMPER IS THE EPITOME
OF COMPACT CONVENIENCE OF THE
TA-SERIES...**

... blending size with seamless usability excellence.

With a skip payload of 1000 kg (2,207 lb), a maximum machine width of 1.1 m (3'7") and the best-in-class turning radius of 4.6 m (15'1"), the TA1EH is perfect for the smallest of worksites. The elevating skip means loads can be tipped directly into a skip or truck. Automotive-style hydrostatic transmission is easy to operate: a direction control lever and throttle pedal are all you need to drive, automatic braking is activated when the throttle pedal is released, increasing safety on site.





SKIP

- 1000 kg (2204 lb) payload and skip capacity up to 0.54 m³ (0.71 yd³) for maximum efficiency
- Reinforced skip edges to protect against loading damage
- High-tip skip allows dumping up to 1.6 m (5'3") into trucks or containers

CHASSIS

- Heavy-duty central pivot with $\pm 45^\circ$ articulation and $\pm 14^\circ$ oscillation for manoeuvrability and stability
- Optional narrow wheels reduce width down to 0.9 m (2'11") — fits through standard 1m (3'3") doorways



SAFETY

- High visibility steps and handrails for safe access to the operator station from both sides
- Inclinometer and rear-view mirrors fitted as standard
- Automatic parking brake

ENGINE

- 17.2 kW (23 hp) EU Stage V / U.S. EPA Tier 4 Final diesel engine for strong and reliable performance

MAINTENANCE

- Easy and quick daily service checks from ground level

TRANSMISSION

- Twin-Lock 4WD (wheel drive) with individual wheel motors for optimal traction, no gear shifting, and low maintenance



PRODUCTIVITY



VERSATILITY



MOBILITY



HIGH ACHIEVER

**THE TA2 DUMPER ADDS
MORE PERFORMANCE WITH
MORE PAYLOAD...**

... and options like a swivel or swing elevated tip skip for more convenience in the smallest jobsites.

With a skip payload of 2000 kg (4,410 lb) and options such as 180 degree power swivel tip skip (TA2SH) or an elevating swivel tip skip (TA2SEH), the TA2 range can fit the requirements of many small jobsites. The hydrostatic transmission delivers smooth and uninterrupted power for the operator. Simple user-friendly controls help all types of operators to adapt quickly.



TA2 SH | SEH



SAFETY

- Inclinometer, rear-view mirrors, and front-view camera standard for enhanced safety
- Folding ROPS bar for ease of transportation and access to interior spaces

ENGINE

- 18.5 kW (25 hp) EU Stage V / U.S. EPA Tier 4 Final diesel engine for strong and reliable performance

MAINTENANCE

- Easy and quick daily service checks from ground level

TRANSMISSION

- Permanent 4 Wheel Drive with hydrostatic transmission delivers smooth, uninterrupted power up to 17 kph (10.6 mph)

COMFORT

- Simple and ergonomic controls providing easy and pleasant drive



SKIP

- 2000 kg (4,410 lb) payload with skip capacity up to 1.2 m³ (1.57 yd³) for maximum efficiency
- Choice of skip configurations to suit every need:
 - Simple swivel tip skip (TA2 SH)
 - High-tip swivel skip (TA2 SEH) to dump up to 1.6 m (5'3") with 180° rotation

CHASSIS

- Heavy-duty pivot with $\pm 30^\circ$ articulation and $\pm 10.5^\circ$ oscillation gives a class-leading 3.6 m (11'10") turning radius
- High ground clearance enables to get the job done whatever the terrain
- Narrow 1.47m (4'10") width for easy access in tight spaces
- Standard traction tyres or optional turf tyres for low-impact use on sensitive ground



PRODUCTIVITY



VERSATILITY



MOBILITY



VERSATILE AGILITY, STRONG PERFORMANCE

**THE TA3 DUMPER OPENS THE DOOR
TO MEDIUM-SIZE JOBSITE...**

**... while preserving versatility and agility without
compromising strength.**

Designed for small to medium job sites the TA3 Range, consisting of the TA3H and TA3SH offers versatility for transporting materials efficiently. With a skip payload of 3000 kg (6,614 lb), choose between straight tip skip for transporting bulk material or the 180 degree power swivel skip, which allows precision placement of loads to either side of the machine. The hydrostatic transmission delivers smooth and uninterrupted power for the operator. The TA3 range is equipped with a 18.5 kW (25 hp) engine. Simple user-friendly controls help all types of operators to adapt quickly.





COMFORT

- Simple single control lever for skip tipping and swivel function

SKIP

- 3000 kg (6,613 lb) payload with skip capacity up to 1.95 m³ (2.55 yd³) for maximum productivity
- Choice of skip configurations to suit every need:
 - Front tip skip (TA3H) for high-volume transport
 - Swivel tip skip (TA3SH) offers the ability to tip forward or through 90-degree to each side of the machine
- Reinforced skip edges for protection against loading impacts
- Optional concrete chute available for swivel tip model, ideal for precise placement of fluid materials



SAFETY

- Folding ROPS bar for easier transport and indoor access
- Inclinometer, rear-view mirrors, and front-view camera fitted as standard for maximum safety
- Optional Hazard Detection system to detect objects in the path of the machine that may have been overlooked by the operator

CHASSIS

- Standard traction tyres or optional turf tyres for low-impact use on sensitive ground

ENGINE

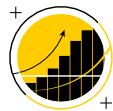
- 18.5 kW (25 hp) EU Stage V / U.S. EPA Tier 4 Final diesel engine for reliable and efficient performance

MAINTENANCE

- Ground-level daily service checks for fast and easy maintenance

TRANSMISSION

- Permanent 4 Wheel Drive with hydrostatic transmission for smooth power delivery and speed up to 15 kph (9.3 mph)



PRODUCTIVITY



VERSATILITY



MOBILITY



TA3.5

DYNAMIC POWER, EFFORTLESS PRECISION

**THE TA3.5 DUMPER FEATURES
EFFORTLESS PRECISION, GREAT
POWER...**

... and unrivalled off-road performance for maximum productivity.

Designed for small to medium job sites, the TA3.5SH offers versatility for transporting materials efficiently. With a skip payload of 3500 kg (7,716 lb), the 180 degree power swivel skip of the TA3.5SH allows precision placement of loads to either side of the machine. The hydrostatic transmission delivers smooth and uninterrupted power for the operator. The TA3.5SH dumper is equipped with a powerful engine delivering 37 kW (50 hp). Simple user-friendly controls help all types of operators to adapt quickly.



TA3.5SH



SKIP

- 3500 kg (7,746 lb) payload with skip capacity up to 1.88 m³ (2.46 yd³) for optimal efficiency
- Swivel tip skip with 180° rotation for dumping to either side, offering maximum versatility
- Optimised weight-to-performance ratio for maximum versatility across diverse job sites – from urban works to landscaping and infrastructure
- Reinforced skip edges for protection against loading impacts
- Optional concrete chute available for swivel tip model, ideal for precise placement of fluid materials

SAFETY

- Easy and safe access from both sides with high-visibility steps and handrails
- Inclinometer, rear-view mirrors, and front-view camera standard for enhanced safety



CHASSIS

- Market-leading ground clearance for superior off-road performance
- Standard traction tyres or optional turf tyres for low-impact use on sensitive surfaces

ENGINE

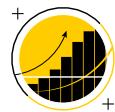
- 37 kW (50 hp) EU Stage V / U.S. EPA Tier 4 Final engine delivering strong and efficient operation

MAINTENANCE

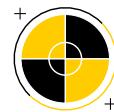
- Ground-level daily service checks for fast and easy maintenance

TRANSMISSION

- Permanent 4 Wheel Drive with hydrostatic transmission delivers smooth power and speed up to 20 kph (12 mph)



PRODUCTIVITY



SAFETY



MOBILITY



ESSENTIAL, VERSATILE AND ROBUST

**THE TA6 DUMPER PAVES THE WAY
FOR MEDIUM TO LARGE-SCALE
PROJECTS...**

... doubling your payload compared to the model below, while enhancing off-road mobility and safety.

Designed for medium to large job sites the 55 kw (74 hp) engine-powered TA6 dumper offers versatility for transporting materials. With a skip payload of 6000 kg (13,223 lb) choose between straight tip skip for bulk material transport or the 180 degree power swivel skip, which allows precision placement of loads to either side of the machine. The hydrostatic transmission provides a maximum travel speed of 25 kph (15.5 mph), permanent 4-wheel drive and the central articulation ensures traction is maintained even in the toughest conditions. Mecalac's TA6 models comply with the latest safety standards, featuring a front camera, inclinometer and side protection gates in addition to the foldable ROPS structure for enhanced operator safety.





SKIP

- 6000 kg (13,230 lb) payload with skip capacity up to 3.10 m^3 (4.10 yd^3) for efficient high-volume material transport
- Choice of skip configurations to suit any job:
 - Front tip (TA6H) or
 - Swivel tip with 180° rotation (TA6SH)
- Reinforced skip and chassis for maximum durability in rental and heavy-duty applications

COMFORT

- Simple and ergonomic dashboard for intuitive operation and improved operator comfort

SAFETY

- Folding ROPS bar and Operator Side Protections ensure maximum operator safety, all-around visibility and easy access from both sides — fully compliant with the latest safety standards
- Inclinometer, rear-view mirrors and front camera standard for maximum visibility and safety
- Optional hazard detection system enhances safety by detecting unseen hazards around the machine



CHASSIS

- Market-leading ground clearance for superior off-road performance

ENGINE

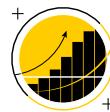
- High-performance EU Stage V / U.S. EPA Tier 4 Final diesel engine, 55 kW (75 hp) for powerful and economical operation

MAINTENANCE

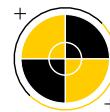
- Large, easy-access service doors for best-in-class maintenance from ground level
- Stop/start control for improved fuel efficiency and increased service intervals

TRANSMISSION

- Permanent 4 Wheel Drive with hydrostatic transmission delivers smooth power and speed up to 25 kph (15.5 mph)



PRODUCTIVITY



SAFETY



MOBILITY



HIGH PERFORMANCE, HIGH OUTPUT

THE TA9 DUMPER IS DESIGNED FOR THE LARGEST PROJECTS WHERE PRODUCTIVITY IS AT STAKE...

... with the largest payload and same level of versatility, safety and off-road capabilities.

Designed for large job sites the TA9 dumper is powered by a 55 kw (74 hp) engine and offers productivity for transporting materials. With a skip payload of 9000 kg (19,841 lb), the TA9 now comes exclusively with a straight tip skip for moving bulk materials in the most efficient way. The hydrostatic transmission provides a maximum travel speed of 25 kph (15.5 mph), permanent 4-wheel drive and the central articulation ensures traction is maintained even in the toughest conditions. Mecalac's TA9 dumper complies with the latest safety standards, featuring a front camera, inclinometer and side protection gates in addition to the foldable ROPS structure for enhanced operator safety.





SKIP

- 9000 kg (19,840 lb) payload with skip capacity up to 4.5 m³ (5.9 yd³) for efficient high-volume material transport
- Exclusively available with a front tip skip for high-volume material transportation
- Reinforced skip and chassis for maximum durability in rental and heavy-duty applications

CHASSIS

- Heavy duty centre pivot providing articulation of +/-45° and oscillation of +/-10° ensuring manoeuvrability and optimum ground contact at all times

COMFORT

- Simple and ergonomic dashboard for intuitive operation and improved operator comfort
- One of the only non-cabbed 9T dumpers on the market, the TA9H offers a strong competitive advantage and market opportunity



SAFETY

- Folding ROPS bar and Operator Side Protections ensure maximum operator safety, all-around visibility and easy access from both sides — fully compliant with the latest safety standards
- Inclinometer, rear-view mirrors and front camera standard for maximum visibility and safety
- Optional hazard detection system enhances safety by detecting unseen hazards around the machine

ENGINE

- High-performance EU Stage V / U.S. EPA Tier 4 Final diesel engine delivering 55 kW (75 hp) for powerful and economical operation

MAINTENANCE

- Large, easy-access service doors for best-in-class maintenance from ground level
- Stop/start control for improved fuel efficiency and increased service intervals

TRANSMISSION

- Permanent 4 Wheel Drive with hydrostatic transmission delivers smooth power and speed up to 24 kph (15 mph)



SERVICES

PERFORMANCE, PROFITABILITY, LONGEVITY

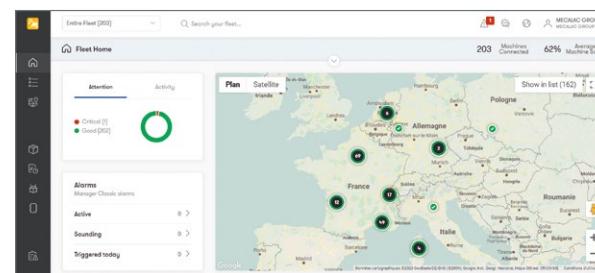
DISCOVER OUR SERVICES



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.



TA
SERIES

TECHNICAL DATA



TECHNICAL SPECIFICATIONS



TA1EH



TA2SH



TA2SEH



TA3SH



TA3.5SH



TA6H



TA6SH



TA9H

Model	TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH	TA6H	TA6SH	TA9H
Skip type	Elevating Front tip skip	Swivel tip skip	Elevating Swivel tip skip	Front tip skip	Swivel tip skip	Swivel tip skip	Front tip skip	Swivel tip skip	Front tip skip
Payload kg (lb)	1000 (2,204)	2000 (4,410)	2000 (4,410)	3000 (6,613)	3000 (6,613)	3500 (7,716)	6000 (13,230)	6000 (13,230)	9000 (19,840)
Max. Capacity m³ (yd³)	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)
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)

	TA1EH Elevating Front tip skip Hydrostatic - ROPS bar	TA2SH Swivel tip skip Hydrostatic - ROPS bar	TA2SEH Elevating Swivel tip skip Hydrostatic - ROPS bar	TA3H Front tip skip Hydrostatic - ROPS bar	TA3SH Swivel tip skip Hydrostatic - ROPS bar	TA3.5SH Swivel tip skip Hydrostatic - ROPS bar
SKIP CAPACITY						
Payload	1000 kg (2,204 lb)	2000 kg (4,410 lb)		3000 kg (6,613 lb)		3500 kg (7,716 lb)
Skip type	Elevating Front tip skip	Swivel tip skip	Elevating Swivel tip skip	Front tip skip	Swivel tip skip	Swivel tip skip
Skip volume - Water	320 l	700 l		1250 l	1000 l	1000 l
Skip volume - Struck	450 l	1000 l		1600 l	1520 l	1520 l
Skip volume - Heaped	540 l	1200 l		1950 l	1880 l	1880 l
MACHINE WEIGHT						
Operating weight ISO6016 – 75kg (165 lb) operator and full tank of fuel	1375 kg (3,031 lb)	2175 kg (4,795 lb)	2295 kg (5,059 lb)	2315 kg (5,104 lb)	2450 kg (5,401 lb)	2515 kg (5,544 lb)
ENGINE						
Manufacturer/Model	Kubota D1005	Kubota D1703		Kubota D1703		Kubota D1803
Emission regulation	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*
Type	Water-cooled 3-cylinder diesel	Water-cooled 3-cylinder diesel		Water-cooled 3-cylinder diesel		Water-cooled 3-cylinder diesel
Displacement	1001 cm ³ (61.08 in ³)	1647 cm ³ (100.5 in ³)		1647 cm ³ (100.5 in ³)		1826 cm ³ (111.4 in ³)
Gross power (DIN 70020)	17.5 kW (23hp)	18.5 kW (25hp)		18.5 kW (25hp)		37.0 kW (50hp)
Maximum torque	63 Nm (46.5 ft.lbf) at 2200 rpm	97.4 Nm (71.8 ft.lbf) at 1500 rpm		97.4 Nm (71.8 ft.lbf) at 1500 rpm		150.5 Nm (110 ft.lbf) at 1600 rpm
Maximum engine speed	3000 rpm	2200 rpm		2200 rpm		2700 rpm
Aspiration	Naturally Aspirated	Naturally Aspirated		Naturally Aspirated		Turbocharged
Fuel system	In-line pump	In-line pump		In-line pump		Common Rail system
Aftertreatment	-	-		-		Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF)
TRANSMISSION						
Type - Hydrostatic	Hydrostatic Pump (Poclain 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 and Rear Axles
Traction	Permanent 4 wheel-drive	Permanent 4 wheel-drive		Permanent 4 wheel-drive		Permanent 4 wheel-drive
Drive	1/1 Forward and Reverse	2/2 : high and low range - forward and reverse		2/2 : high and low range - forward and reverse		2/2 : high and low range - forward and reverse
Flow rate	77 l/min (20 US gpm)	61.6 l/min (16.3 US gpm)		88 l/min (23.25 US gpm)		112 l/min (29.6 US gpm)
Working pressure	370 bar (5,366 psi)	420 bar (6,092 psi)		450 bar (6,527 psi)		450 bar (6,527 psi)
DRIVE CHARACTERISTICS						
Maximum turning radius	2324 mm (7'7")	3698 mm (12'2")		4708 mm (15'5")	4542 mm (14'11")	4542 mm (14'11")
Maximum speed	12 kph (8 mph)	17 kph (11 mph)		15 kph (9 mph)		20 kph (12 mph)
Chassis	Articulated and oscillating	Articulated and oscillating		Articulated and oscillating		Articulated and oscillating
Steering angle	+/-45°	+/-30°		+/-30°		+/-30°
Oscillation angle	+/-14°	+/-10.5°		+/-10.5°		+/-10.5°
Gradeability (defined by maximum safe working angle)	20%	25%		25%		25%
Tyre Size	255-75-15.3 (8PR) (Optional: 7.00-12 (8PR) narrow tyres)	255-75-15.3 (8PR)		295-80-15.3 (10PR)		295-80-15.3 (10PR)

*According to National regulation - Environmental Protection Agency (EPA). Specifications are subject to change.

Note: Metric measurements are the critical values

- 1 litre = 0.26417 US liquid gallons

- 1 litre = 0.21997 Imperial liquid gallons

TA1 TA2 TA3 TA3.5

TECHNICAL DATA

TA1EH	TA2SH	TA2SEH	TA3H	TA3SH	TA3.5SH
Elevating Front tip skip Hydrostatic - ROPS bar	Swivel tip skip Hydrostatic - ROPS bar	Elevating Swivel tip skip Hydrostatic - ROPS bar	Front tip skip Hydrostatic - ROPS bar	Swivel tip skip Hydrostatic - ROPS bar	Swivel tip skip Hydrostatic - ROPS bar
HYDRAULIC SYSTEM					
Pump type	Gear pump				
Flow rate	22 l/min (5.81 US gpm)	17.6 l/min (4.65 US gpm)	24.7 l/min (6.52 US gpm)	24.7 l/min (6.52 US gpm)	
Operating pressure	150 bar (2,176 psi)	210 bar (3,045 psi)	210 bar (3,045 psi)	210 bar (3,045 psi)	210 bar (3,045.7 psi)
Steering system	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder
BRAKING SYSTEM					
Working brake	Hydrostatic dynamic on all wheels	Multi-plate inboard oil immersed disc on front axle	Multi-plate inboard oil immersed disc on front axle	Multi-plate inboard oil immersed disc on front axle	Multi-plate inboard oil immersed disc on front axle
Parking brake	Spring applied hydraulic release (SAHR) - On rear wheels	Over centre parking brake - Oil immersed discs on front axle	Spring applied hydraulic release (SAHR) - Oil immersed discs on front axle	Spring applied hydraulic release (SAHR) - Oil immersed discs on front axle	Spring applied hydraulic release (SAHR) - Oil immersed discs on front axle
EMISSIONS					
Noise emission (ISO 4871) – Operators ear sound pressure (LpAd)	84 dB	82 dB	82 dB	82 dB	82 dB
Noise emission (ISO 4871) – Machine Noise Power (LWAd)	101 dB				
Noise compliance	Noise - Equipment used outdoors directive 2000/14/EC				
Hand arm vibration (defined by EN474-1 for all operations)	<4.49 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²
Whole body vibration (defined by ISO/TR25398 for a work cycle)	0.61 rms (0.31 m/s ² uncertainty)				
TANK CAPACITIES					
Fuel tank	35 l (9.25 US gal)	23 l (6.08 US gal)	37 l (9.77 US gal)	37 l (9.77 US gal)	37 l (9.77 US gal)
Hydraulic tank	25 l (6.6 US gal)	25 l (6.6 US gal)	37 l (9.77 US gal)	37 l (9.77 US gal)	37 l (9.77 US gal)
ELECTRICAL SYSTEM					
Voltage	12 V	12V	12V	12V	12V
Battery	74 Ah				
Alternator	40 A	55 A	55 A	55 A	60 A

*According to National regulation - Environmental Protection Agency (EPA). Specifications are subject to change.

Note: Metric measurements are the critical values

- 1 litre = 0.26417 US liquid gallons

- 1 litre = 0.21997 Imperial liquid gallons

	TA6 H Front tip skip - Hydrostatic ROPS bar with Side Protection Gates	TA6 SH Swivel tip skip - Hydrostatic ROPS bar with Side Protection Gates	TA9 H Front tip skip - Hydrostatic ROPS bar with Side Protection Gates
SKIP CAPACITY			
Payload	6000 kg (13,228 lb)	6000 kg (13,228 lb)	9000 kg (19,842 lb)
Skip type	Front tip skip	Swivel tip skip	Front tip skip
Skip volume - Water	1600 l	1600 l	2000 l
Skip volume - Struck	2400 l	2400 l	3700 l
Skip volume - Heaped	2900 l	3100 l	4500 l
MACHINE WEIGHT			
Operating weight ISO6016 - 75kg (165 lb) operator and full tank of fuel	4145 kg (9,138 lb)	4345 kg (9,579 lb)	4450 kg (9,810 lb)
ENGINE			
Manufacturer/Model	Perkins - 904J-E28TA	Perkins - 904J-E28TA	Perkins - 904J-E28TA
Emission regulation	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*
Type	Water-cooled 4-cylinder diesel	Water-cooled 4-cylinder diesel	Water-cooled 4-cylinder diesel
Displacement	2800 cm ³ (171 in ³)	2800 cm ³ (171 in ³)	2800 cm ³ (171 in ³)
Gross power (DIN 70020)	55 kW (74hp)	55 kW (74hp)	55 kW (74hp)
Maximum torque	380 Nm (280 ft.lbf) at 1,360 rpm	380 Nm (280 ft.lbf) at 1,360 rpm	380 Nm (280 ft.lbf) at 1,360 rpm
Maximum engine speed	2400 rpm	2400 rpm	2400 rpm
Aspiration	Turbocharged	Turbocharged	Turbocharged
Fuel system	Electronic high pressure common rail	Electronic high pressure common rail	Electronic high pressure common rail
Aftertreatment	Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF)	Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF)	Diesel Oxidation Catalyst (DOC) + Diesel Particulate Filter (DPF)
TRANSMISSION			
Type	Hydrostatic Hydrostatic Motor via Transfer Box to Front and Rear Axles	Hydrostatic Hydrostatic Motor via Transfer Box to Front and Rear Axles	Hydrostatic Hydrostatic Motor via Transfer Box to Front and Rear Axles
Traction	Permanent 4 wheel-drive	Permanent 4 wheel-drive	Permanent 4 wheel-drive
Drive	1/1 Forward and Reverse	1/1 Forward and Reverse	1/1 Forward and Reverse
Flow rate	234 l/min (61.8 US gpm)	234 l/min (61.8 US gpm)	234 l/min (61.8 US gpm)
Working pressure	Nominal 400 bar (5,802 psi) - Maximum 530 bar (7,687 psi)	Nominal 400 bar (5,802 psi) - Maximum 530 bar (7,687 psi)	Nominal 400 bar (5,802 psi) - Maximum 530 bar (7,687 psi)
DRIVE CHARACTERISTICS			
Maximum turning radius	6487 mm (21'3")	6388 mm (20'11")	6557 mm (21'6")
Maximum speed	25 km/h (15.5 mph)	25 km/h (15.5 mph)	24 km/h (15 mph)
Chassis	Articulated and oscillating	Articulated and oscillating	Articulated and oscillating
Steering angle	+/-30°	+/-30°	+/-30°
Oscillation angle	+/-10.5°	+/-10.5°	+/-10°
Gradeability (defined by maximum safe working angle)	25%	25%	20%
Tyre Size	405-70-20 (14PR)	405-70-20 (14PR)	500-60-22.5 (16PR)

*According to National regulation - Environmental Protection Agency (EPA). Specifications are subject to change.

Note: Metric measurements are the critical values

- 1 litre = 0.26417 US liquid gallons

- 1 litre = 0.21997 Imperial liquid gallons

TECHNICAL DATA

	TA6 H Front tip skip - Hydrostatic ROPS bar with Side Protection Gates	TA6 SH Swivel tip skip - Hydrostatic ROPS bar with Side Protection Gates	TA9 H Front tip skip - Hydrostatic ROPS bar with Side Protection Gates
HYDRAULIC SYSTEM			
Pump type	Gear pump	Gear pump	Gear pump
Flow rate	78 l/min (21 US gpm)	78 l/min (21 US gpm)	78 l/min (21 US gpm)
Operating pressure	210 bar (3,045 psi)	210 bar (3,045 psi)	210 bar (3,045 psi)
Steering system	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder	Orbitrol hydrostatic steering unit powering a central hydraulic steering cylinder
BRAKING SYSTEM			
Working brake	Hydraulic boosted foot Brake - Oil immersed discs on front/rear	Hydraulic boosted foot Brake - Oil immersed discs on front/rear	Hydraulic boosted foot Brake - Oil immersed discs on front/rear
Parking brake	Over centre parking brake-integrated in rear axle	Over centre parking brake-integrated in rear axle	Over centre parking brake-integrated in rear axle
EMISSIONS			
Noise emission (ISO 4871) – Operators ear sound pressure (LpAd)	85 dB	85 dB	85 dB
Noise emission (ISO 4871) – Machine Noise Power (LWAd)	101 dB	101 dB	101 dB
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
Hand arm vibration (defined by EN474-1 for all operations)	<2.5 m/s ²	<2.5 m/s ²	<2.5 m/s ²
Whole body vibration (defined by ISO/TR25398 for a work cycle)	0.61 rms (0.31 m/s ² Uncertainty)	0.61 rms (0.31 m/s ² Uncertainty)	0.61 rms (0.31 m/s ² Uncertainty)
TANK CAPACITIES			
Fuel tank	65 l (17.17 US gal)	65 l (17.17 US gal)	50 l (13.2 US gal)
Hydraulic tank	50 l (13.2 US gal)	50 l (13.2 US gal)	50 l (13.2 US gal)
ELECTRICAL SYSTEM			
Voltage	12V	12V	12 V
Battery	100 Ah	100 Ah	100 Ah
Alternator	95 A	95 A	95 A

*According to National regulation - Environmental Protection Agency (EPA). Specifications are subject to change.

Note: Metric measurements are the critical values

- 1 litre = 0.26417 US liquid gallons
- 1 litre = 0.21997 Imperial liquid gallons

DIMENSIONS

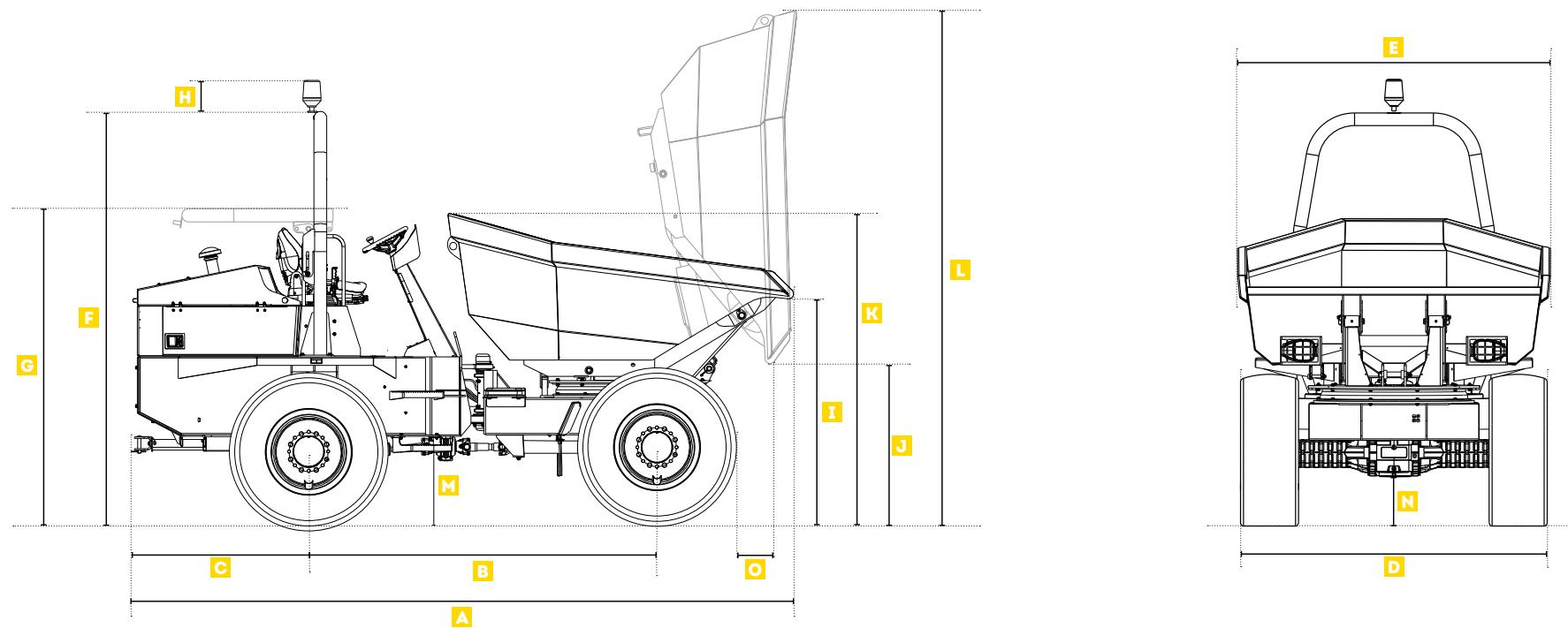


Illustration not contractual

MACHINE DIMENSIONS	TA1EH mm (ft in)	TA2SH mm (ft in)	TA2SEH mm (ft in)	TA3H mm (ft in)	TA3SH mm (ft in)	TA3.5SH mm (ft in)	TA6H mm (ft in)	TA6SH mm (ft in)	TA9H mm (ft in)
A Overall length	3006 (9'10")	3606 (11'10")	3744 (12'3")	3930 (12'11")	3930 (12'11")	4386 (14'5")	4644 (15'3")	4520 (14'10")	
B Wheelbase	1440 (4'9")	1900 (6'3")		1939 (6'4")	1939 (6'4")	2450 (8'1")	2450 (8'1")	2450 (8'1")	
C Rear overhang	836 (2'9")	967 (3'2")		1037 (3'5")	1037 (3'5")	1226 (4')	1226 (4')	1226 (4')	
D Total width	985 (3'3")*	1472 (4'10")	1957 (6'5")	1846 (6'1")	1846 (6'1")	2300 (7'7")	2211 (7'3")	2389 (7'8")	
E Skip width	952 (3'1")	1472 (4'10")	1957 (6'5")	1690 (5'7")	1690 (5'7")	2300 (7'7")	2211 (7'3")	2389 (7'8")	
F Overall machine height - ROPS unfolded without beacon	2532 (8'4")* / 2583 (8'6")	2724 (8'11")		2675 (8'9")	2675 (8'9")	2910 (9'7")		3374 (11'1")	
G Overall machine height - ROPS folded	1716 (5'8")* / 1767 (5'10")	1988 (6'6")		1901 (6'3")	1901 (6'3")	2128 (6'12")	2166 (7'1")	2648 (8'8")	
H Additional height for beacon	250 (9")	250 (9")			250 (9")		250 (9")		250 (9")
I Height to lip of skip - untipped	1082 (3'7") - 1208 (3'12")	1366 (4'6")	1442 (4'9") (lowered) 2023 (6'8") (raised)	1385 (4'7")	1436 (4'9")	1436 (4'9")	1581 (5'2")	1685 (5'6")	1682 (5'6")

* narrow tyres

DIMENSIONS

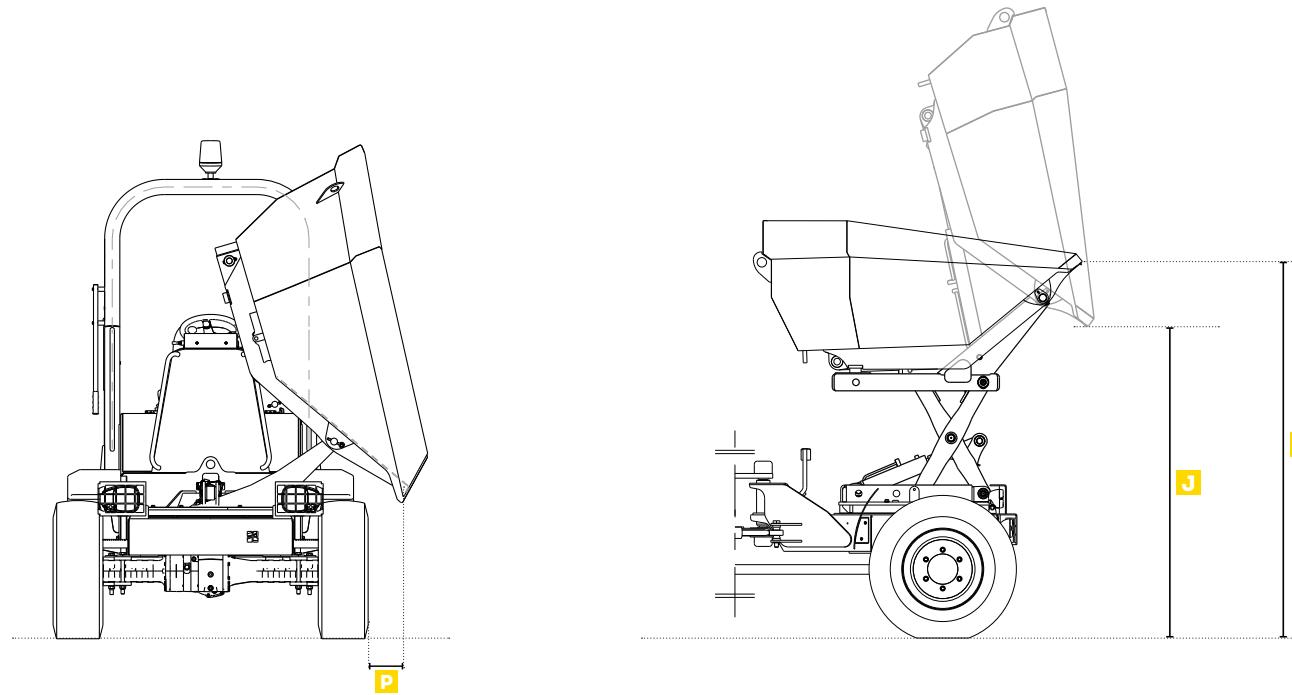


Illustration not contractual

MACHINE DIMENSIONS	TA1EH mm (ft in)	TA2SH mm (ft in)	TA2SEH mm (ft in)	TA3H mm (ft in)	TA3SH mm (ft in)	TA3.5SH mm (ft in)	TA6H mm (ft in)	TA6SH mm (ft in)	TA9H mm (ft in)
J Height to lip of skip - tipped	508 (1'8")* - 559 (1'10") (lowered) 1551 (5'1")* - 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")
K Height of skip - untipped	1422 (4'8")	1484 (4'10")	1712 (5'7")	1780 (5'10")	1763 (5'9")	1809 (5'11")	1997 (6'7")	2166 (7'1")	2291 (7'6")
L Height of skip - tipped	1822 (5'12")* - 1873 (6'2") (lowered) 2878 (9'5")* - 2909 (9'7") (raised)	2681 (8'10")	2743 (8'12") (lowered) 3341 (10'12") (raised)	2024 (6'8")	2856 (9'4")	2856 (9'4")	2379 (7'10")	3545 (11'8")	2771 (9'1")
M Height to first step	587 (1'11")	587 (1'11")		576 (1'11")	576 (1'11")	552 (1'10")	552 (1'10")	592 (1'11")	
N Minimum ground clearance	207 (8")* - 237 (9")	212 (8")		242 (9")	242 (9")	376 (1'3")	376 (1'3")	417 (1'4")	
O Discharge distance - front	441 (1'5")* - 387 (1'3")	382 (1'3")	362 (1'2")	534 (1'9")	494 (1'7")	494 (1'7")	619 (2')	619 (2')	858 (2'10")
P Discharge distance - side	NA	206 (8")	206 (8")	NA	239 (9")	239 (9")	NA	NA	NA

* narrow tyres

STANDARD / OPTIONAL EQUIPMENT

	TA1EH	TA2SH / TA2SEH	TA3H / TA3SH	TA3.5SH	TA6H / TA6SH	TA9H
OPERATOR ENVIRONMENT						
ROPS foldable roll bar	•	•	•	•	•	•
Additional Side Protection Gates					•	•
Multifunctional display screen integrated into the dashboard				•	•	•
Adjustable ergonomic seat	•	•	•	•	•	•
High visibility orange seatbelt	•	•	•	•	•	•
Hour meter	•	•	•	•	•	•
SAFETY						
High visibility safety steps and handrails	•	•	•	•	•	•
Front-view camera with screen integrated into the dashboard		•	•	•	•	•
Rear-view mirrors	•	•	•	•	•	•
Reverse Alarm	•	•	•	•	•	•
Inclinometer / Safe Tip Indicator	•	•	•	•	•	•
Fan Guard	o*	o*	o*	o*	•	•
Hazard / Object detection system			o	o	o	o
Hazard / Object detection system (system ready)			o	o	o	o
CESAR Datatag security kit (UK only)	o	o	o	o	o	o
SHIELD SAFETY TECHNOLOGIES						
SHIELD Safety Technology Pack						
Start/drive interlock, Park brake warning, Start warning, Seatbelt warning, Engine bonnet doors sensor, Auto shut down (timer), Auto stop/start system, Mass fuel loss warning, Service warning, Speed limiter 25kph (15.5 mph), Park brake test				•	•	•
SHIELD PRO Safety Technology Pack						
Electronic tilt sensor - Machine angles warning / limiter, Tipped skip speed limiter, Roll- over lockout, Hazard detection system ready					o	o
LIGHTING						
Amber flashing beacon	•	•	•	•	•	•
LED Amber flashing beacon	o	o	o	o	o	o
Green Beacon seatbelt indicator	o	o	o	o	o	o
Certified Road Lights Front and Rear - including Light Guards	o*	o*	o*	o*	o*	o*
Road Lights ready (Inc. Wiring and brake sensor)	o	o	o	o	o	o

* Standard in some markets

Country packs available

• = Standard

o = Optional

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



STANDARD / OPTIONAL EQUIPMENT

	TA1EH	TA2SH / TA2SEH	TA3H / TA3SH	TA3.5SH	TA6H / TA6SH	TA9H
COLOUR & BRANDING						
Standard machine colour - Mecalac Yellow & Grey	•	•	•	•	•	•
Custom machine colour	○	○	○	○	○	○
Mecalac Standard Branding	•	•	•	•	•	•
Mecalac Rental Branding - clear skip sides	○	○	○	○	○	○
TELEMATICS						
MyMecalac Telematics - including app	○	○	○	○	○	○
Start-up digicode linked to telematics	○	○	○	○	○	○
OTHERS						
Articulated and oscillating chassis	•	•	•	•	•	•
Hydrostatic transmission	•	•	•	•	•	•
Traction tyres	•	•	•	•	•	•
Turf tyres		○	○	○	○	
Narrow tyres	○					
Towing/Recovery Bracket		•	•	•	•	•
Heavy-duty articulation lock	•	•	•	•	•	•
Loose Wheel Nut Indicator	○	○	○	○	○	○
Biodegradable Hydraulic Oil	○	○	○	○	○	○
Italian Road Homologation kit	○**	○**	○**	○**	○**	○**
German / Swiss Road Homologation kit	○**	○**	○**	○**	○**	○**
UK Vehicle Registration & Road Fund Licence 12 Months (UK only)	○	○	○	○	○	○
Spare Wheel	○	○	○	○	○	○
Concrete chute			○ (TA3SH)	○		

** Check with your local Mecalac dealer

Country packs available

• = Standard

○ = Optional

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



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