MECALAC

Site Dumper

MECALAC

SETTING THE STANDARDS IN SITE DUMPER INNOVATION

HAZARD DETECTION CAPABILITY TO FURTHER IMPROVE ON-SITE SAFETY

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

AUTOSHIFT TECHNOLOGY FOR INCREASED PERFORMANCE

FOLDING ROPS FOR EASE OF TRANSPORTATION

LARGE OPENING SERVICE DOORS FOR BEST IN CLASS SERVICE ACCESS

RENTAL TOUGH SKIP DESIGN AND CHASSIS FABRICATIONS FOR UNRIVALLED RELIABILITY

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

FORWARD AND SWIVEL TIPPING MECHANISMS TO SUIT EVERY APPLICATION

MARKET-LEADING GROUND CLEARANCE FOR SUPERIOR OFF-ROAD PERFORMANCE

HIGH-PERFORMANCE DISC BRAKES FOR REDUCED STOPPING DISTANCES

CAPTURE TELEMATICS SYSTEM FOR PRECISE FLEET INSIGHT

INNOVATION AS STANDARD

Robust, reliable and rental tough, Mecalac site dumpers have been developed using more than 60 years' design and manufacturing expertise.

Featuring state-of-the-art engine technology to meet the latest emissions compliance, each model delivers power, torque and exceptional performance for greater operator productivity and profitability.

Designed with the user in mind, Mecalac site dumpers boast class-leading skip strengths, heavy-duty chassis designs and user-friendly controls. It's easy to see why each model leads its class in on-site earthmoving and tipping.

First-to-market technology additions – including Autoshift transmission, Stop/Start Control, Hazard Detection and Capture telematics – complete the package. From one to ten-tonne payloads, Mecalac's extensive model line-up has the perfect unit for every application.

CONTACT US

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ROBUST AND RELIABLE

POWER TIP SITE DUMPERS

Mecalac Power Tip site dumpers are designed to move material quickly and effectively. From one to ten-tonne payloads, each unit delivers outstanding power and performance.

Featuring state-of-the-art operator technologies, including Start/Stop Control, Autoshift, Capture and Hazard Detection, Power Tip site dumpers set the standards for equipment innovation and performance.

All models are equipped with Tier 4-Final engines, ensuring they meet the highest global emissions standards without the need for exhaust after-treatment.

SPEED AND POWER

With an industry-leading skip wall thickness, heavy-duty steel plates and rental-tough tipping mechanisms, Mecalac site dumpers are designed with reliability in mind. Clever design and the latest technologies ensure smooth and accurate material placement.

Key model benefits:

- Efficient operation
- Improved performance
- Simple operation
- Unrivalled reliability
- Longer service intervals
- Outstanding fuel economy

CREATIVE THINKING

POWER SWIVEL SITE DUMPERS

Mecalac Power Swivel site dumpers are the ideal solution for more challenging jobs. Allowing the load to be rotated before being tipped, Power Swivel technology allows the operator to work within a confined site area.

With payload options ranging between two to six-tonnes, there's a perfect Power Swivel model for every application. High quality slew ring bearings deliver smooth and effective operation – ensuring precise placement of loads.

Featuring state-of-the-art operator technologies, including Start/Stop Control, Autoshift, Capture and Hazard Detection, Power Swivel site dumpers set the standards for equipment innovation and performance.

All models are equipped with Tier 4-Final engines, ensuring they meet the highest global emissions standards without the need for exhaust after-treatment.

MEETING OUTSTANDING SAFETY STANDARDS

All Power Swivel site dumpers feature a heavy-duty locking device, which keeps the skip facing forward while on the move – just one of the many features that ensure each model meets the highest level of on-site health and safety compliance.

Intelligent design means hose routings and hydraulics are protected from damage, without compromising on routine maintenance access.

Key model benefits:

- Efficient operation
- Improved performance
- Simple operation
- Unrivalled reliability
- Longer service intervals
- Outstanding fuel economy

MARKET-LEADING SOLUTIONS

HIGH DISCHARGE SITE DUMPERS

Mecalac High Discharge site dumpers are designed to deliver superior versatility and performance when tipping over obstacles and into skips.

From 1,000-2,000kg payloads, each model has been developed for use in smaller sites – such as housing developments and landscaping projects. All models deliver an impressive height clearance of over 1.5 metres, providing impressive results in confined spaces.

A robust chassis and skip design ensures that the unit remains well balanced and secure while tipping, assuring safe and effective operation.

OUTSTANDING ACCESSABILITY

All Mecalac High Discharge site dumpers feature a folding ROPS to enable easy access into tight spaces. The smallest model in the range, the TA1EH, is capable of passing through a standard one-metre-wide doorway when fitted with optional narrow-width wheels and tyres.

With optional 'narrow-width' designs available for each model in the range, users can specify a customised unit to further increase on-site access and manoeuvrability, as well as increase their range of transportation options.

What this means for you:

- Superior performance
- Suitability for every scenario
- Efficient operation
- Improved performance
- Simple operation
- Unrivalled reliability
- Longer service intervals
- Outstanding fuel economy

LEADING THE WAY IN EQUIPMENT CAPABILITY

MAKING MAINTENANCE EASY

Alongside boasting state-of-the-art product design and first-to-market technology innovation, all Mecalac site dumpers feature superb service access from ground level to ensure simple and time-efficient routine equipment maintenance.

The chassis and engine canopies are designed to give maximum access to all service areas, while engine panels are mounted on heavy-duty, lockable hinges for added safety benefits.

MEETING OUTSTANDING SAFETY STANDARDS

On models with payloads from six-tonnes upwards, Mecalac site dumpers feature a suite of state-of-the-art technologies to deliver outstanding results.

Stop/Start Control has been designed to improve on-site safety, minimise fuel consumption and increase service intervals. The new system will automatically start and stop the engine in predetermined conditions. Tested duty cycles have shown hundreds of pounds of fuel savings per year, as well as extending service intervals by 24 weeks (on a typical 500-hour maintenance schedule).

Developed in-house by Mecalac's engineering department, **Autoshift** uses torque demand to guide gear changes. In challenging and demanding conditions – such as steep gradients and high payloads – Autoshift enables the transmission to hold lower gears for longer, providing torque, power and drive when it's needed most.

Bringing award-winning automotive technology to the construction site, Mecalac's **Hazard Detection** solution uses a microwave radar to provide flawless obstacle detection.

Capture is Mecalac's innovative telematics solution, allowing hire firms and site managers to monitor unit location, distance travelled and hours completed each day. Integration with the ECU offers access to real-time fuel consumption data logs, service planning functionality and geo-fencing reporting to within three metres.

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	2000	2000	2000	3000	3000	3000	3000	3500	6000	6000	9000	9000	9000	9000	10000
Power kW (hp)	15.5 (20.8)	24.5 (32.6)	24.5 (32.6)	24.5 (32.6)	32.4 (43.5)	32.4 (43.5)	32.4 (43.5)	32.4 (43.5)	32.4 (43.5)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)	55 (74)
Heaped Capacity m³	0.5	1.2	1.2	1.2	2	1.9	2	1.9	1.9	3.8	3.5	4.6	4.6	4.2	4.2	5

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