

SITE DUMPERS



WORKS FOR YOU.™

LEADING THE FIELD

In a class of their own

With over sixty year's design and manufacturing expertise, Terex® site dumpers are created from generations of hard work in the toughest conditions. They're rugged, robust machines that are "rental tough" and get the job done.

The next generation of Terex® site dumpers feature state-of-the-art engine technology to meet Stage IIIB/Tier 4i emissions regulations. Delivering outstanding new levels of power, torque and economy, they offer increased performance for greater productivity and profitability.

Easy to operate and maintain with unrivalled strength and reliability, Terex site dumpers provide increased uptime at a reduced cost. With class leading skip strengths, strong chassis designs and user friendly controls, it's easy to see why the Terex site dumper is the first choice for material movement and tipping on any site.

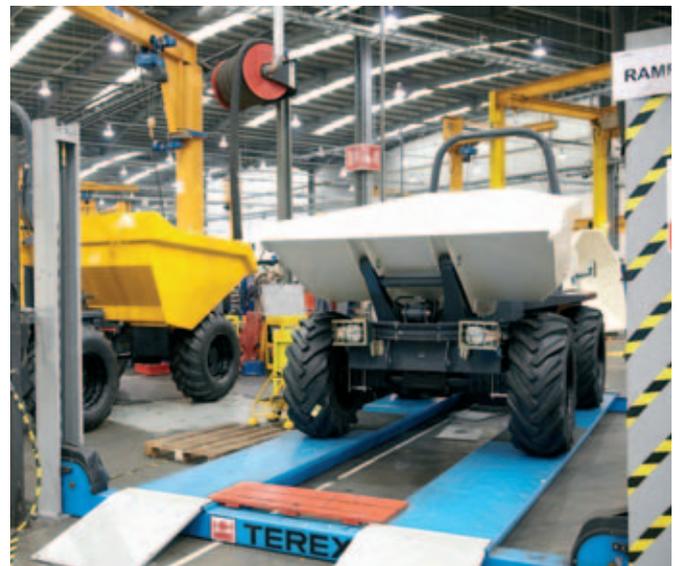
The range of Terex site dumpers offers three types of skip configurations:

Terex Power Swivel site dumpers offer the ability to tip the skip forward or through 90 degrees to each side of the machine.

Terex Power Tip site dumpers feature a forward tipping mechanism designed for accurate placement of high volume materials.

Terex High Discharge site dumpers provide the ability to raise the skip to over 1.5 metres and tip over obstacles into skips.

You need a site dumper that just keeps going, no matter what and no matter where. With a Terex site dumper you get that plus low cost of ownership and strong residual values. From 1000kg up to 10 tonne payloads, the extensive line up of Terex site dumpers offers the perfect fit for your needs.





MORE THAN JUST A DUMPER

High performance
and reliable water
cooled diesel engines
for smooth and
economical operation

Large opening service
doors for best in class
service access

Transmissions that provide
optimum power transfer

High performance braking
with oil immersed disc brakes on both
axles from TA5 to TA10

Folding ROPS as standard on all models for ease of transportation

Simple dashboard designed for operator comfort and ease of use

Large skip capacities move more material per load

 **TEREX**

Wide range of tip types enable the right machine to be selected for the job

Heavy duty chassis fabrications and centre articulation and oscillation for high strength and reliability on the toughest work sites

Superb off road performance with high ground clearance for site accessibility

POWER TIP SITE DUMPERS

POWERFUL PERFORMERS

High and mighty

Terex Power Tip site dumpers are designed with one thing in mind – to move as much bulk material as speedily, safely and economically as possible.

With an impressive displacement option ranging from 2 tonnes up to a mighty 10 tonnes, these “rental tough” machines deliver outstanding power and performance.

All Power Tip machines are equipped with heavy duty, damage resistant articulated chassis and skips.

Speed and power

All Terex site dumper skips provide excellent longevity for increased uptime and productivity. The latest designs deliver superior strength via the thick steel side walls and heavy duty steel front and base plates.

The forward tipping mechanism is designed to allow for smooth accurate placement of high volume materials.

What this means for you

- ▶ Large heaped skip capacities up to 5,050 litres
- ▶ Rental – proof designs to keep you working in the toughest of conditions
- ▶ High ground clearance, low centre of gravity for superb stability and site accessibility
- ▶ Exceptional service access for ease of maintenance







SMOOTH MOVERS

Increase your versatility

The Terex range of Power Swivel (swing tip) site dumpers adds another dimension to your job site versatility.

Power Swivel machines allow the load to be rotated through 90 degrees to each side of the machine and tipped. This makes these versatile machines the ideal choice for back filling trenches and working within a confined site area.

With payload options ranging between 2 to 6 tonnes with Terex Power Swivel site dumpers your job site flexibility is much enhanced. The high quality slew ring bearings enable Terex Power Swivel site dumpers to provide ease of operation as well as smooth movement in the precision placement of loads.

Safe and secure

All Power Swivel site dumpers feature a heavy duty swing tip locking device which locks the skip in the straight ahead position whilst on the move.

Intelligent design means full protection is given to hose routings and hydraulics without compromising on access for routine maintenance.

What this means for you

- ▶ Large heaped skip capacities for high productivity
- ▶ Impressive turning radius for precision and efficiency
- ▶ Environmentally friendly engines delivering superb power management
- ▶ Power swivel skips enable effective placement of load either side
- ▶ High speed operation with full skip loads





HIGH ACHIEVER

Elevate your performance

The Terex range of High Discharge site dumpers is designed for superior versatility and performance when tipping over obstacles and into skips.

From 1000kg up to 2000kg, these machines are ideal for house building sites and landscaping environments or any job site with space restrictions.

All models deliver an impressive discharge height clearance of over 1.5 metres. Stability is provided by the robust chassis and skip design ensuring the unit remains well balanced and secure when tipping.

Fold down – move in

The folding ROPS enables high discharge dumpers to gain access into interior spaces. The smallest model in the range the TA1EH is capable of passing through a standard 1 metre doorway when fitted with optional narrow width wheels and tyres. All Terex High Discharge Dumpers offer 'Narrow Width' designs to increase their on-site access and maneuverability as well as increasing the range of transportation options.

What this means for you

- ▶ Operating payloads from 1000 to 2000kg
- ▶ 1.5m minimum discharge height – can tip into standard skip
- ▶ Narrow design enables machines to pass through a standard 1m doorway. TA1EH only when fitted with optional narrow width wheels and tyres



SITE DUMPERS

TIPPING THE BALANCE

Rental tough means easy to maintain

To build a rental proof machine, service access is fundamental. All Terex site dumpers feature superb service access from ground level to facilitate ease of maintenance. The chassis and engine canopies are designed to give maximum access to all areas.

Engine panels are all mounted on heavy-duty hinges, which can be locked with high specification latches for added security.

Built for any conditions

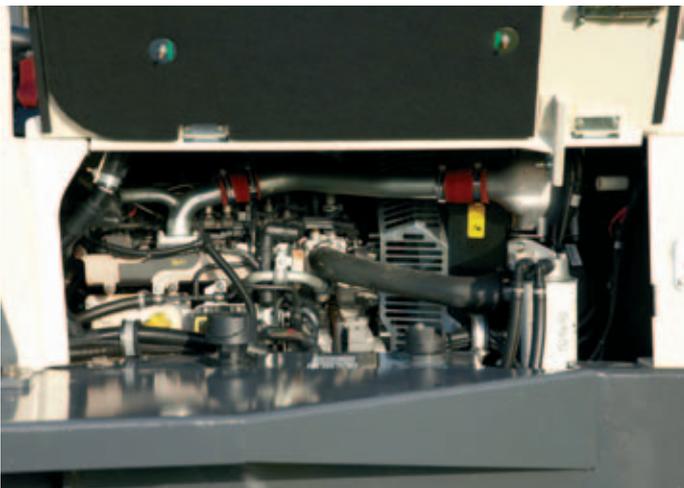
As with all Terex site dumpers the high ground clearance makes operation on the roughest terrain possible. Designed to be rental tough the Terex site dumper just keeps on performing.

Large oscillation angles help to maximise wheel to ground contact. This means that greater traction is achieved resulting in excellent off - road performance and higher productivity.

Access all areas

In line with EEC legislation, a folding ROPS frame is fitted as a standard on all Terex site dumpers.

In addition to providing protection for the operator, folding ROPS reduce the transportation height on larger models and enable smaller models to gain access into interior spaces.



SITE DUMPING JUST GOT EASIER

Total control at the flick of a switch

Within the range of Terex site dumpers certain models feature hydrostatic transmissions – the latest technological innovation from Terex designed to enhance your productivity.

The hydrostatic system delivers smooth, uninterrupted power for the operator and high travel speed.

Simple user-friendly controls help all operators adapt quickly to the new hydrostatic driving experience.

High performance – high output

This exciting new range has an exceptional off-road performance thanks to a high specification hydrostatic design that smoothly delivers power to the wheels for excellent ground holding and safety.

What this means for you

- ▶ Active Hydrostatic braking technology provides significant operational benefit when working on gradients
- ▶ No gear stick or clutch pedal ensures increased operator comfort levels and improved operator access
- ▶ Superb off road performance with maximum power transferred to the wheels
- ▶ Simple automotive style controls enable less experienced operators to use the machine



SPECIFICATIONS

PERFORMANCE

	TA1EH	TA1.2EH	TA2	TA2E	TA2S	TA2SE	TA2H	TA2EH	TA2SH	TA2SEH
Payload (Kg)	1000	1200	2000	2000	2000	2000	2000	2000	2000	2000
Unladen Weight (Kg)	1310	1375	1898	1974	2016	2100	1964	2040	2082	2166
Tipping Type	Forward Tip – High Discharge	Forward Tip – High Discharge	Forward Tip	Forward Tip – High Discharge	Swivel Tip	Swivel Tip – High Discharge	Forward Tip	Forward Tip – High Discharge	Swivel Tip	Swivel Tip – High Discharge
Skip Capacity – Water (litres)	320	390	750	750	750	750	750	750	750	750
Skip Capacity – Struck (litres)	450	560	1000	1000	1000	1000	1000	1000	1000	1000
Skip Capacity – Heaped (litres)	540	680	1200	1200	1200	1200	1200	1200	1200	1200
Engine	Kubota D905					Kubota D1703M				
– Number of Cylinders	3					3				
– Gross Power – kW (hp)	15.5kW (20.8)					24.5 (32.6)				
– Displacement (cc)	898					1647				
– Maximum Torque (Nm)	56Nm					105				
– Aspiration	Naturally Aspirated					Naturally Aspirated				
– Emission Compliance	EU Stage 3A					EU Stage 3A				

TRANSMISSION/DRIVE

Transmission Type	Hydrostatic Pump (Poclain Twinlock) to 4 Hydraulic Wheel Motors	Manual Gearbox via Transfer Box to Front & Rear Axles	Hydrostatic Motor via Transfer Box to Front & Rear Axles
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7.0 x 12 narrow tyre)	255 / 75 x 15.2 x 8 ply	10.0 / 75 x 15.3 (10 ply)
Drive	Hydrostatic 1/1	Manual – 3 Forward / 1 Reverse	2 / 2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD
Maximum Travel Speed – mph (kph)	7 (11)	11.0 (19.0)	10.0 (16.0)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)	25% (1 in 4)	19.5% (1 in 5)

CAPACITIES

Fuel Tank Capacity (litres)	35	23
Hydraulic Tank Capacity (litres)	25	25

TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA5	TA5S	TA6	TA6S	TA9	TA10
3000	3000	3000	3000	3500	6000	6000	5000	5000	6000	6000	9000	10000
2280	2330	2290	2340	2340	4205	4240	4050	4240	4115	4265	4770	4815

Forward Tip	Swivel Tip	Forward Tip	Swivel Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Forward Tip
1250	1000	1250	1000	1000	1950	1850	1700	1620	1950	1850	2064	2446
1600	1520	1600	1520	1520	2750	2740	2450	2300	2750	2740	3899	4128
1950	1880	1950	1880	1880	3780	3530	3100	2910	3780	3530	4587	5046
Kubota V2203M		Kubota V2203M		Perkins 1104D-44T			Deutz TCD 3.6L4					
4		4		4			4					
32.4 (43.5)		32.4 (43.5)		62.5 (84)			70 (94)				90 (121)	
2197		2197		4400			3621					
147		147		353			390				480	
Naturally Aspirated		Naturally Aspirated		Turbocharged			Turbocharged					
EU Stage 3A		EU Stage 3A		EU Stage 3A/Tier 3			EU Stage 3B/Tier 4 Interim					

Manual Gearbox via Transfer Box to Front & Rear Axles	Hydrostatic Motor via Transfer Box to Front & Rear Axles	Powershuttle via Transfer Box to Front & Rear Axles	Powershuttle via Transfer Box to Front & Rear Axles
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11.5 / 80 x 15.3 (14 ply)	11.5 / 80 x 15.3 (14 ply)	405-70-20 14PR	405-70-20 14PR	500-60-22.5 16PR
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Manual - 3 Forward / 1 Reverse	2 / 2 (High & Low Range - Forward & Reverse) Hydrostatic - Permanent 4WD	4 / 4 Forward and Reverse - Permanent 4WD	4 / 4 Forward and Reverse - Permanent 4WD
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11.8 (19.0)	11.8 (19.0)	16.3 (26.2)	16.3 (26.2)	18.2 (29.3)
25% (1 in 4)	20% (1 in 5)			

37	37	67	65	65
37	37	50	50	50

ENVIRONMENTAL

	TA1EH	TA1.2EH	TA2	TA2E	TA2S	TA2SE	TA2H	TA2EH	TA2SH	TA2SEH
Noise Emission (to ISO 4871) – Sound Pressure (LpAd)	83 dB		84.8 dB				86.1 dB			
Sound Power Level (LWAd)	101 dB		101 dB				101 dB			

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									
Vibration – Whole Body (as defined in ISO/TR 25398 – Work Cycle)	0.529 rms (0.264 m/s ² Uncertainty)									

HYDRAULIC SYSTEM

Pump Type	Gear		Gear	
Flow Rate	29 l/min		21 l/min	
Operating Pressure	152 bar		210 bar	
Steering System	Orbitrol hydrostatic steering unit powering central hydraulic steering ram		Orbitrol hydrostatic steering unit powering central hydraulic steering ram	

BRAKING SYSTEM

Working Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	Multi-Plate In-Board Oil Immersed Discs on Front Axle
Parking Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	Over Centre Handbrake – Oil Immersed Discs on Front Axle

ELECTRICAL SYSTEM

Voltage	12V	12V
Battery	74Ah	74Ah
Alternator	30A	55A

TA3	TA3S	TA3H	TA3SH	TA3.5SH	TA6	TA6S	TA5	TA5S	TA6	TA6S	TA9	TA10
84 dB		84 dB			84 dB		81 dB			84 dB		
101 dB		101 dB			101 dB		101 dB			103 dB		

Noise – Equipment Used Outdoors
Directive 2000/14/EC

Noise –
Equipment Used Outdoors
Directive 2000/14/EC

Noise – Equipment Used Outdoors Directive 2000/14/EC

<2.5 m/s ²					<2.5 m/s ²		<2.5 m/s ²				
0.529 rms (0.264 m/s ² Uncertainty)					0.529 rms (0.264 m/s ² Uncertainty)		0.529 rms (0.264 m/s ² Uncertainty)				

Gear		Gear			Gear		Gear		
30 l/min		30 l/min			60 l/min		60 l/min		
172 bar	210 bar	172 bar	210 bar	210 bar	172 bar	172 bar		210 bar	

Orbitrol hydrostatic steering unit
powering central hydraulic steering ram

Orbitrol hydrostatic steering
unit powering central hydraulic
steering ram

Orbitrol hydrostatic steering unit powering central hydraulic steering ram

Multi-Plate In-Board Oil Immersed Discs on Front Axle					Foot Brake – Oil immersed discs on front/rear							
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Over Centre Handbrake –
Oil Immersed Discs on Front Axle

Over Centre parking brake – dry disc in gearbox

12V					12V		12V				
74Ah					90Ah		100Ah				
55A					95A		95A				

DIMENSIONS

	TA1EH	TA1.2EH	TA2	TA2E	TA2S	TA2SE	TA2H	TA2EH	TA2SH	TA2SEH
Total Length (mm)	2980	2980	3570	3570	3550	3550	3570	3570	3550	3550
Total Width (Max) (mm)	998* / 1120	1310	1492	1492	1492	1492	1492	1492	1492	1492
Wheelbase (mm)	1440	1440	1900	1900	1900	1900	1900	1900	1900	1900
Ground Clearance (mm)	241	241	184	184	184	184	184	184	184	184
Height to Front Lip of Skip (untipped) (mm)	1167	1167	1323	1454	1360	1522	1323	1454	1360	1522
Height to Front Lip of Skip (tipped) (mm)	1620 (raised)	1620 (raised)	916	1074 (lowered) / 1572 (raised)	983	1142 (lowered) / 1640 (raised)	916	1074 (lowered) / 1572 (raised)	983	1142 (lowered) / 1640 (raised)
Turning Radius to Outside of Skip (mm)	2295	2295	3680	3680	3680	3680	3680	3680	3680	3680
Steering Angle	+/- 45°		+/- 30.6°							
Oscillation	+/- 14°	+/- 14°	+/- 10.5°							
Height to Top of ROPS (raised with beacon) (mm)	2832	2832	2920							

* When fitted with narrow tyres

STANDARD EQUIPMENT AND OPTIONS

Folding ROPS Frame	Standard		Standard							
Reversing Alarm	Standard		Standard							
Flashing Beacon	Standard		Standard							
Towing/Recovery Bracket	-		Standard							
Leg Guard	Option		Standard							
Hour Metre	Standard		Standard							
Road Lights (RTA) including Front Light Guards	Option		Option							
Rear View Mirror	Option		Option							
CESAR Datatag Security	Option		Option (standard in some markets – check with your local Terex Dealer)							
Fan Guard	-		Option (standard in some markets – check with your local Terex Dealer)							
Spare Wheel	Option		Option							
Special Paint	Option		Option (standard in some markets – check with your local Terex Dealer)							
Seat Belt (High Visibility Orange)	Standard		Standard							
Seat (adjustable fore/aft, operator weight and back angle)	Standard		Standard							
Heavy Duty Articulation Lock	Standard		Standard							
Narrow Tyres (7.00 x 12)	Option		-		-		-		-	
Wide Tyres (255 / 75 x 15.2 8ply)	Standard		-							
High Visibility Safety Decals for Steps & Handrails	Option		Option							
German / Swiss Road Homologation Kit	Option	Option	-	-	-	-	-	-	Option	Option
Water in Fuel Monitoring	-		-							
Coolant Level Monitoring	-		-							

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