

# SITE DUMPERS



**WORKS FOR YOU.™**

# 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 TA6 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**



**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**

# LEADING THE FIELD

## Site Dumpers

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 the latest emissions compliance. 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.

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.

## Contact Us

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# POWERFUL PERFORMERS

## Power Tip Site Dumpers

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



## Power Swivel Site Dumpers

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



## High Discharge Site Dumpers

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 manoeuvrability 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

# 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



## Hydrostatic Technology

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	TA2H	TA2SH	TA2SEH	TA3	TA3S
Payload (Kg)	1000	2000	2000	2000	3000	3000
Unladen Weight (Kg)	1310	1964	2082	2166	2280	2330
Tipping Type	Forward Tip – High Discharge	Forward Tip	Swivel Tip	Swivel Tip – High Discharge	Forward Tip	Swivel Tip
Skip Capacity – Water (litres)	320	750	750	750	1250	1000
Skip Capacity – Struck (litres)	450	1000	1000	1000	1600	1520
Skip Capacity – Heaped (litres)	540	1200	1200	1200	1950	1880
Engine	Kubota D905		Kubota D1703M		Kubota V2203M	
– Number of Cylinders	3		3		4	
– Gross Power – kW (hp)	15.5kW (20.8)		24.5 (32.6)		32.4 (43.5)	
– Displacement (cc)	898		1647		2197	
– Maximum Torque (Nm)	56Nm		105		145	
– Aspiration	Naturally Aspirated		Naturally Aspirated		Naturally Aspirated	
– Emission Compliance	EU Stage 3A		EU Stage 3A		EU Stage 3A	

## TRANSMISSION/DRIVE

Transmission Type	Hydrostatic Pump (Poclair Twinlock) to 4 Hydraulic Wheel Motors	Hydrostatic Motor via Transfer Box to Front & Rear Axles	Manual Gearbox via Transfer Box to Front & Rear Axles
Tyre Size	255 / 75 x 15.2 x 8 ply (option 7.0 x 12 narrow tyre)	10.0 / 75 x 15.3 (10 ply)	295/80 x 15.3 x 10 ply
Drive	Hydrostatic 1/1	2 / 2 (High & Low Range – Forward & Reverse) Hydrostatic – Permanent 4WD	Manual – 3 Forward / 1 Reverse
Maximum Travel Speed – mph (kph)	7 (11)	10.0 (16.0)	11.8 (19.0)
Gradeability (Maximum Slope Gradient)	20% (1 in 5)	19.5% (1 in 5)	25% (1 in 4)

## CAPACITIES

Fuel Tank Capacity (litres)	35	23	37
Hydraulic Tank Capacity (litres)	25	25	37

## ENVIRONMENTAL

Noise Emission (to ISO 4871) – Sound Pressure (LpAd)	83 dB	86.1 dB	84 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 <sup>2</sup>		
Vibration – Whole Body (as defined in ISO/TR 25398 – Work Cycle)	0.529 rms (0.264 m/s <sup>2</sup> Uncertainty)		

## HYDRAULIC SYSTEM

Pump Type	Gear			
Flow Rate	29 l/min	21 l/min	30l/min	
Operating Pressure	152 bar	210 bar	172 bar	210 bar
Steering System	Orbitrol hydrostatic steering unit powering central hydraulic steering ram		Orbitrol hydrostatic steering unit powering central hydraulic steering ram	



TA3H	TA3SH	TA3.5SH	TA6	TAGS	TA9	TA10
3000	3000	3500	6000	6000	9000	10000
2290	2340	2340	4350	4410	4590	4635

Forward Tip	Swivel Tip	Swivel Tip	Forward Tip	Swivel Tip	Forward Tip	Forward Tip
1250	1000	1000	1950	1850	2064	2446
1600	1520	1520	2750	2740	3899	4128
1950	1880	1880	3780	3530	4587	5046
Kubota V2203M		JCB EcoMax		JCB EcoMax		
4		4		4		
32.4 (43.5)		55 (74)		55 (74)		
2197		4400		4400		
147		400		400		
Naturally Aspirated EU Stage 3A		Turbocharged		Turbocharged		
				EU Stage IIIB / Tier 4 Final		

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 - Powershift as option	Powershift via Transfer Box to Front & Rear Axles
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295/80 x 15.3 x 10 ply

405-70-20 14PR

500-60-22.5 16PR

2 / 2 (High & Low Range - Forward & Reverse) Hydrostatic - Permanent 4WD	4 / 4 Forward and Reverse - Permanent 4WD
11.8 (19.0)	16.3 (26.2)
25% (1 in 4)	25% (1 in 4)

37	65	65
37	50	50

84 dB	81 dB	81 dB
101 dB	101 dB	101 dB

Noise - Equipment Used Outdoors  
Directive 2000/14/EC

<2.5 m/s<sup>2</sup>

0.529 rms (0.264 m/s<sup>2</sup> Uncertainty)

Gear		Gear		Gear	
30 l/min		48.3 l/min		60 l/min	
172 bar	210 bar	172 bar	172 bar	172 bar	210 bar

Orbitrol hydrostatic steering unit powering central hydraulic steering ram

## BRAKING SYSTEM

	TA1EH	TA2H	TA2SH	TA2SEH	TA3	TA3S
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		

## DIMENSIONS

Total Length (mm)	2980	3570	3550	3550	3725	3952
Total Width (Max) (mm)	998* / 1120	1492	1492	1492	1957	1846
Wheelbase (mm)	1440	1900	1900	1900	1939	1939
Ground Clearance (mm)	241	184	184	184	279	279
Height to Front Lip of Skip (untipped) (mm)	1167	1323	1360	1522	1371	1467
Height to Front Lip of Skip (tipped) (mm)	1620 (raised)	916	983	1142 (lowered) / 1640 (raised)	208	762
Turning Radius to Outside of Skip (mm)	2295	3680	3680	3680	4711	4553
Steering Angle	+/- 45°		+/- 30.6°			+/- 30°
Oscillation	+/- 14°			+/- 10.5°		
Height to Top of ROPS (raised with beacon) (mm)	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 (standard in some markets - check with your local Terex dealer)		
CESAR Datatag Security	Option			Option		
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	-			-		

TA3H	TA3SH	TA3.5SH	TA6	TAGS	TA9	TA10
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Multi-Plate In-Board Oil Immersed Discs  
on Front Axle

Foot Brake – Oil immersed discs on front/rear

Over Centre Handbrake –  
Oil Immersed Discs on Front Axle

Over Centre parking brake – dry disc in gearbox

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

3725	3952	3952	4405	4539	4484	4530
1957	1846	1846	2300	2207	2500	2550
1939	1939	1939	2450	2450	2450	2450
279	279	279	385	385	410	410
1371	1467	1467	1672	1732	1722	1760

208	762	762	504	1258	430	440
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4711	4553	4553	5863	5726	5994	6011
+/- 30°			+/- 30°			
+/- 10.5°			+/- 10°			
2920			3203	3203	3635	3635

Standard			Standard			
Standard			Standard			
Standard			Standard			
Standard			Standard			
Standard			Option			
Standard			Standard			
Option			Option			
Option (standard in some markets – check with your local Terex Dealer)			Option (standard in some markets – check with your local Terex Dealer)			
Option			Option			
Option (standard in some markets – check with your local Terex Dealer)			Option			
Option			Option			
Option (standard in some markets – check with your local Terex Dealer)			Option			
Standard			Standard			
Standard			Standard			
Standard			Standard			
-			-			
-			-			
Option			Option			
Option	Option	Option	-	Option	-	-
-			Standard			
-			-	-	Standard	Standard

## [www.terex.com/construction](http://www.terex.com/construction)

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