

Product News – TEREX® 1T Range of Site Dumpers

# NEW Drive Control System



Terex have released an update to the range of 1 Tonne Site Dumpers. An updated drive control system has been introduced to promote ease of operation. The product range retains its 'Rental Tough' pedigree without any compromises to size and power, to make this the most cost effective choice in the marketplace.

## NEW Drive Control System update

### Models

- The following models within the range have been updated:

**TA1EH** – 1 Tonne High-Tip (Hydrostatic Drive)

**TA1.2EH** – 1.2 Tonne High-Tip (Hydrostatic Drive)

- The following model has now been deleted and is no longer available:

**TA0.8EH** – 0.85 Tonne High-Tip (Hydrostatic Drive)

### Introduction

The 15.5 kW (21 hp) TA1EH & TA1.2EH Site Dumpers have been carefully developed to provide impressive manoeuvrability, excellent fuel economy, low noise levels and operator friendly controls in order to meet the demanding needs of the plant hire industry.

When moving material, the elevated discharge raises the skip to over 1.5 metres and allows it to dump over obstacles into standard waste skips. For convenience and versatility, folding ROPS comes as standard enabling the machine to move through a typical 1-metre doorway and gain access into indoor spaces. Service & maintenance can be easily provided at ground level, with the engine canopy having been designed to provide convenient access to the engine compartment.

In addition, the hydrostatic transmission delivers smooth, uninterrupted power along with traction control benefits. Active hydrostatic braking technology also provides significant operational benefit when working on gradients.



### Updates

Updates to the model range have affected the drive control system. The machines are now operated using a foot pedal applied throttle control, paired to a forward / reverse direction lever. Braking is automatically applied upon release of the throttle pedal. The Parking Brake is automatically applied when putting the forward / reverse direction lever into the neutral position. This system replaces the outgoing hand operated joystick drive control system.



# ENGINEERED STRENGTH, PERFORMANCE & RELIABILITY

## MODEL RANGE TA1EH & TA1.2EH

### Fabrications & Structures

- All fabrications have been designed with our 'Rental Tough' philosophy in mind.
- All fabrications are provided by state of the art tooling that has been implemented to provide consistency & accuracy, leading to the high levels of quality and reliability you expect from a class leading performer.
- The high strength steel backpanel provides high impact resistance to protect your cooling system at all costs.

### Skips

- All skips are designed to improve forward visibility as well as ensuring volumetric capacities remain optimised to help you maximise your productivity.
- Uncompromised skip strength delivers long life and supports strong residual values.



### Centre Pivot

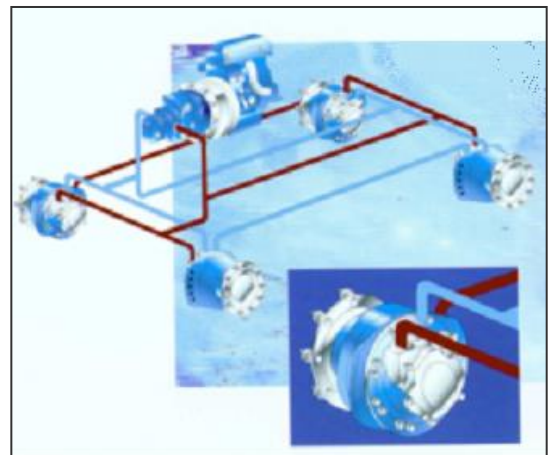
- The well proven, high strength centre pivot design has been retained within the range of 1T Dumpers.
- The design provides a high degrees of articulation and oscillation to promote excellent manoeuvrability whilst maintaining wheel / ground contact to aid tractive effort.

### Roll Over Protection

- The ROPS design, using a high strength tubular structure, common across the Site Dumper range provides the ultimate reassurance to driver safety in the event of an incident
- A folding ROPS system is fitted to the entire Dumper range as standard

### Technology

- The TA1EH & TA1.2EH incorporates the Poclain Twinlock traction control system. The Twinlock system provides transfers torque to wheel with the greatest traction. It dramatically reduces the heat generation and horsepower loss of conventional transmission systems. The system also provides dynamic hydrostatic braking to assist with ease of drive control.



## OPTIONAL EXTRAS

### MODEL RANGE TA1EH & TA1.2EH

#### High Visibility Hand Rail & Step Safety Decals

- New decal kits for the entire range of Terex Site Dumpers are now available to assist operators with safe access / egress from the machines in low light conditions.

#### Full Road Light Kit

- Front & Rear road lights to comply with international standards are available on all models. The front lights are protected by heavy-duty guards to prevent impact damage.



#### Security

- The optional Cesar Datatag security options can be provided to support the prevention of unwanted use or machine theft as well as lowering insurance costs.



#### Homologation Kit

- A Road Homologation Kit can be fitted suitable for German / Swiss compliance. This incorporates a wheel chock, speed decals in kph, rear view mirror and a skip control lever lock.

#### Narrow Tyres

- Narrow tyres can be provided as an alternative option on the TA1EH model, allowing for the overall machine width to be reduced down to less than 1 metre.

#### Warranty

- A full 12 months Warranty is provided as standard. The option of extending this level of Warranty cover to a 2nd or 3rd year is also available.

# SPECIFICATIONS

	TA1EH	TA1.2EH
<b>PERFORMANCE</b>		
Payload (Kg)	1000	1200
Unladen Weight (Kg)	1310	1375
Tipping Type	Forward Tip - High Discharge	Forward Tip - High Discharge
Skip Capacity - Water (litres)	320	390
Skip Capacity - Struck (litres)	450	560
Skip Capacity - Heaped (litres)	540	680
Engine	Kubota D905	
- Number of Cylinders	3	
- Gross Power - kW (hp)	15.5kW (20.8)	
- Displacement (cc)	898	
- Maximum Torque (Nm)	56Nm	
- Aspiration	Naturally Aspirated	
- Emission Compliance	EU Stage 3A	
<b>TRANSMISSION / DRIVE</b>		
Transmission Type	Hydrostatic Motor (Twinlock) to 4 Hydraulic Wheel Motors	
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
Drive	Hydrostatic 1/1	
Maximum Travel Speed - mph (kph)	7 (11)	
Gradeability (Maximum Slope Gradient)	20% (1 in 5)	
<b>CAPACITIES</b>		
Fuel Tank Capacity (litres)	35	
Hydraulic Tank Capacity (litres)	25	
<b>ENVIRONMENTAL</b>		
Noise Emission (to ISO 4871) - Sound Pressure (LPAD)	83	
Noise Emission (to ISO 4871) - Sound Pressure (LWAD)	101	
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)	
<b>HYDRAULIC SYSTEM</b>		
Pump Type	Gear	
Flow Rate	29 l/min	
Operating Pressure	152 bar	
Steering System	Orbitrol hydrostatic steering unit powering central hydraulic steering ram	
<b>BRAKING SYSTEM</b>		
Working Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	
Parking Brake	Hydrostatic Dynamic Braking on Rear Wheel Motors	

	TA1EH	TA1.2EH
<b>ELECTRICAL SYSTEM</b>		
Voltage	12V	
Battery	74Ah	
Alternator	30A	
<b>DIMENSIONS</b>		
Total Length (mm)	2980	2980
Total Width (Max) (mm)	998* / 1120	1310
Wheelbase (mm)	1440	1440
Ground Clearance (mm)	241	241
Height to Front Lip of Skip (untipped) (mm)	1167	1167
Height to Front Lip of Skip (tipped) (mm)	1620 (raised)	1620 (raised)
Turning Radius to Outside of Skip (mm)	2295	2295
Steering Angle	+/- 45°	
Oscillation	+/- 14°	+/- 14°
Height to Top of ROPS (raised with beacon) (mm)	2832	2832
* When fitted with narrow tyres		
<b>STANDARD EQUIPMENT AND OPTIONS</b>		
Folding ROPS Frame	Standard	
Reversing Alarm	Standard	
Flashing Beacon	Standard	
Leg Guard	Option	
Hour Meter	Standard	
Road Lights (RTA) including Front Light Guards	Option	
Rear View Mirror	Option	
CESAR Datatag Security	Option	
Spare Wheel	Option	
Special Paint	Option	
Seat Belt (High Visibility Orange)	Standard	
Seat (adjustable fore/aft, operator weight and back angle)	Standard	
Heavy Duty Articulation Lock	Standard	
Narrow Tyres (7.00 x 12)	Option	-
Wide Tyres (255 / 75 x 15.2 x 8 ply)	Standard	
High Visibility Safety Decals for Steps & Handrails	Option	
German / Swiss Road Homologation Kit	Option	Option

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