Tandem Vibratory Roller



**TD25** 

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Operate Weight: Engine Power:

5511 lb

27 hp



INTENSUS

TD25

FULLY HYDRAULIC TANDEM VIBRATORY ROLLER



# SDOOTOODS



**Engine:** Deutz F2L1011F

Four stroke cycle, direct injection, in-liner diesel engine. SAE Metrics Rating at Gross Power 20kW 27hp **Net Power** 27hp 20kW Governed Speed 2600rpm 2600rpm Peak Torque (1800 rpm) 60 lb·ft. 81N·m Nominal Torque Rise 15% 15%



#### **Brake system:**

**Main characteristic:** 

The XCMG TD25 roller is a self-propelled tandem vibratory roller designed for compaction

The TD25 is available for different materials and types of work. It is efficient in compacting crushed material, gravel, as well as ce-ment

work on driveways and parking lots.

and asphalt bound materials.

Service brake:

Static hydraulic system

Parking brake: Static hydraulic system

Static oil transmission acting on drum brakes electrically applied



#### **Transmission:**

Hydrostatic
Infinite variable speed.



#### **Vibratory drum:**

Vibratory drum driven by hydraulic motor (radial piston, multi-stroke) transmission.

Front and rear drums



## **Work device hydraulic system:**

Transmission and vibration system are closed hydraulic circuit, steering system is open hydraulic circuit.



#### Cab:

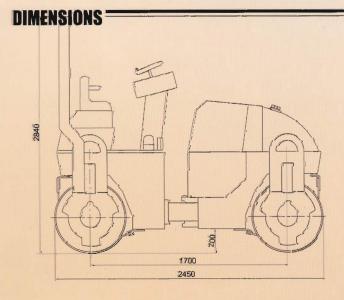
ROPS provided only.

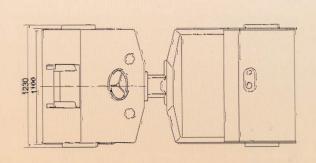


### **Electrical system:**

12V DC, 1 battery of 12V-56Ah capacity.

Type         TD25           Operating weight         tl/lb         2.5/5,512           Weight at front drum         tl/lb         1.3/2,866           Weight at rear drum         tl/lb         1.2/2,645           Theoretical grade ability         %         30           Width of drum         mm/in         1100/43.31           Diameter of drum         mm/in         650/25.59           Thickness of drum shell         mm/in         12/0.47           Static linear load         N/cm/lb/in         116/66.28; 110/62.85           Amplitude         mm/in         0.50/0.0197           Frequency         Hz         55           Centrifugal force         kN/lb         25/5,624           Speed range         km/hmph         0-10/0-6.21           Ground clearance         mm/in         200/7.87           Inner turning radius         mm/in         200/7.87           Inner turning radius         mm/in         65/2.56           Engine model         mm/in         65/2.56           Engine model         kW/rpm         20/2600           Rater torque         N·m         81           Total displacement         cm³         1370           Specific fuel consumption	SPECIFICATIONS	UNIT	SPECIFICATIONS
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Hydraulic oil capacities I/gal (U.S) 80/21.1	Specific fuel consumption	g/kW·h	230
	Fuel tank capacities	I/gal (U.S)	80/21.1
Water tank capacities I/gal (U.S) 170/44.9	Hydraulic oil capacities	I/gal (U.S)	80/21.1
	Water tank capacities	I/gal (U.S)	170/44.9





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