

TD40

Tandem Vibratory Roller



Operate Weight: 4 metric tons/8818 lb
Engine Power: 40 hp



INTENSUS

TD40

FULLY HYDRAULIC
TANDEM
VIBRATORY ROLLER



SPECIFICATIONS



Engine:

3 cylinder Deutz F3L1011F

Four stroke cycle, direct injection, in-line diesel engine.

Rating at	SAE	Metric
Gross Power	40hp	30kW
Net Power	40hp	30kW
Governed Speed	2600rpm	2600rpm
Peak Torque (1800 rpm)	89 lb·ft.	120N·m
Nominal Torque Rise	17%	17%



Transmission:

Hydrostatic drive by Sauer Danfoss.
Infinitely variable speed.



Vibratory drum:

Vibratory on front & rear drums.

Front & rear drums driven by hydrostatic motor at each drum.



Electrical system:

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

Main characteristic:

The XCMG TD40 roller is a 4 metric ton self-propelled tandem vibratory roller designed for compaction work on parking lots, Streets and Roadways. The TD40 is available for different materials and types of work. It is efficient in compacting crushed material, gravel, as well as cement and especially asphalt bound materials.



Brake system:

Service brake:	Static hydraulic system
Parking brake:	Static hydraulic system, Static oil transmission acting on Electrically applied



Work device hydraulic system:

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

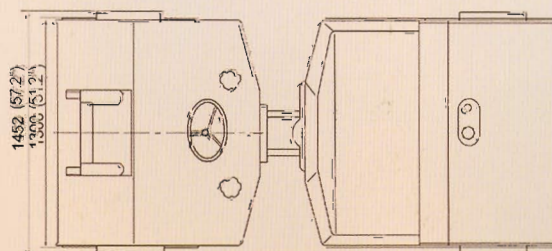
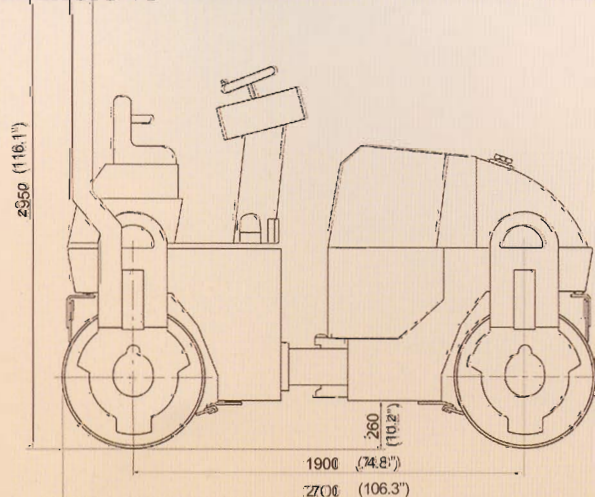


Cab:

Certified ROPS provided only.

SPECIFICATIONS	UNIT	SPECIFICATIONS
Type		TD40
Operating weight	Mt/lb	4.0/8,818
Weight at front drum	Mt/lb	2.0/4,409
Weight at rear drum	Mt/lb	2.0/4,409
Theoretical grade ability	%	30
Width of drum	mm/in	1300/51.18
Diameter of drum	mm/in	800/31.49
Thickness of drum shell	mm/in	16/0.63
Static linear load	N/cm/lb/in	150/85.71
Amplitude	mm/in	0.50/0.0197
Frequency	Hz	50
Centrifugal force	kN/lb	34/7,649
Speed range	km/h/mph	0~10/0~6.21
Ground clearance	mm/in	260/10.24
Inner turning radius	mm/in	3100/122.05
Outer turning radius	mm/in	4400/173.23
Min. lateral overhang	mm/in	76/2.99
Engine model		Deutz F3L1011F
Rated power	kW/rpm	30/2600
Rater torque	N·m	121
Total displacement	cm ³	2050
Specific fuel consumption	g/kW·h	225
Fuel tank capacities	l/gal (U.S)	100/26.4
Hydraulic oil capacities	l/gal (U.S)	100/26.4
Water tank capacities	l/gal (U.S)	230/60.7

DIMENSIONS



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