

TD110

Tandem Vibratory Roller



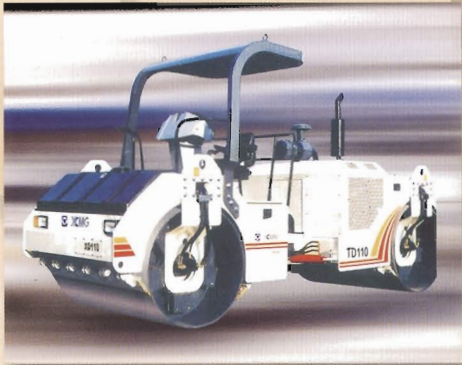
Operating Weight: 24030 lb
Engine Power: 130 hp



INTENSUS

TD110

FULLY HYDRAULIC
TANDEM
VIBRATORY ROLLER



SPECIFICATIONS



Engine:

Deutz F3L1011F

Four stroke cycle, Turbo-charged, direct injection, inline diesel engine.

Rating at	SAE	Metrics
Gross Power	130hp	97kW
Net Power	112hp	84kW
Governed Speed	2500rpm	2500rpm
Peak Torque (1500 rpm)	360 lb-ft.	488N-m
Nominal Torque Rise	30%	30%



Transmission:

Infinitely variable speed.



Vibratory drum:

Fully hydraulic power vibration and dual amplitudes. Vibratory drum driven by hydraulic motor and planetary transmission.



Electrical system:

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

Main characteristic:

The Intensus TD110 roller is a self-propelled tandem vibratory roller designed for compaction work on airports, and other major works.

The TD110 is available in two amplitudes for different materials and types of work. It is efficient in compacting crushed material, gravel, sand, as well as cement and asphalt bound materials.



Brake system:

Service brake: Static hydraulic system

Parking brake: Static hydraulic system,
Static oil transmission acting on
drum brakes



Work device hydraulic system:

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

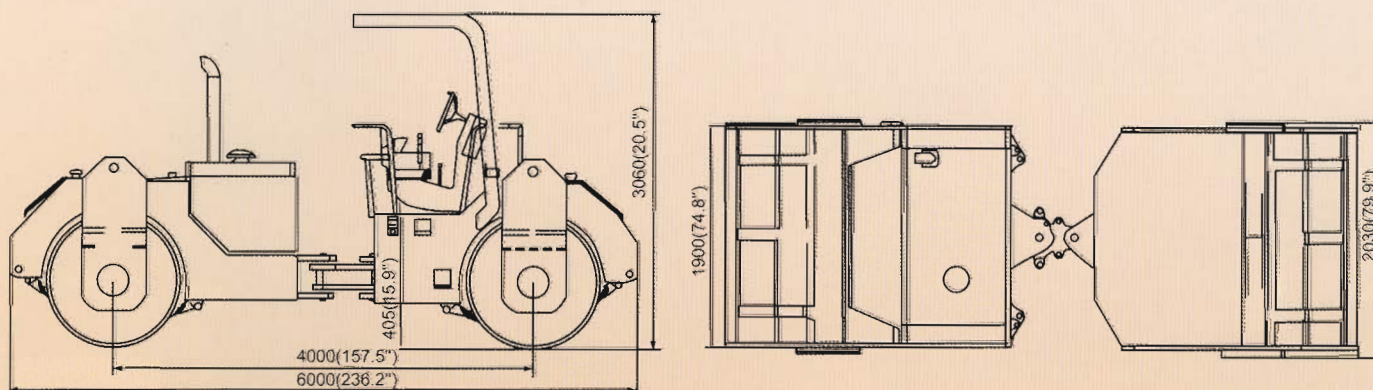


Cab:

Certified ROPS provided only.

SPECIFICATIONS	UNIT	SPECIFICATIONS
Type		TD110
Operating weight	t/lb	10.9/24.030
weight at front drum	t/lb	5.5/12.125
Weight at rear drum	t/lb	5.4/11.905
Theoretical grade ability	%	30
Width of drum	mm/in	1900/83.86
Diameter of drum	mm/in	1250/49.21
Thickness of drum shell	mm/in	18/0.71
Static linear load	N/cm/lb/in	284/162.28;279/159.42
Amplitude:High/Low	mm/in	0.80/0.0315;0.40/0.0157
Frequency	Hz	30~48
Centrifugal force at high amplitude	kN/lb	133/29.920
Centrifugal force at low amplitude	kN/lb	66/14.847
Speed range	km/h/mph	0~10/0~6.21
Ground clearance	mm/in	405/15.94
Inner turning radius	mm/in	4000/157.48
Outer turning radius	mm/in	5900/232.28
Min. lateral overhang	mm/in	65/2.56
Engine model		Cummins B3.9-C
Rated power	kW/rpm	97/2500
Rater torque	N - m	463
Total displacement	cm ³	3900
Specific fuel consumption	g/kW - h	235
Fuel tank capacities	l/gal (U.S)	220/58.1
Hydraulic oil capacities	l/gal (U.S)	250/58.1
Water tank capacities	l/gal (U.S)	500/116.2

DIMENSIONS



TD

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