

## ROLLERS COMPACTORS

### STANDARD EQUIPMENT

Weichai engine, euro III gas emission system, crdi direct injection system, turbo compressed air supply, 2-speed displacement, hydrostatic drive system with rear wheel and drum drive, 36 degree hydrostatic steering, 12 degree oscillation angle , diagonal tires 23.1 - 26/ 12 PR or 20.5-25 / 12 PR.

### CABIN

Closed, air conditioning, hour meter, fuel gauge, security devices internally and externally, backup alarm, two rear-view mirrors, front lighting, instrument panel with anti-vandalism protection, rear front windshield with wiper/washer and air vents. Exceptional forward and rear visibility ROPS/FOPS.

### Front chassis and drum

Front and rear scrapers remove material in case humid or cohesive soils are compacted.



### Engine

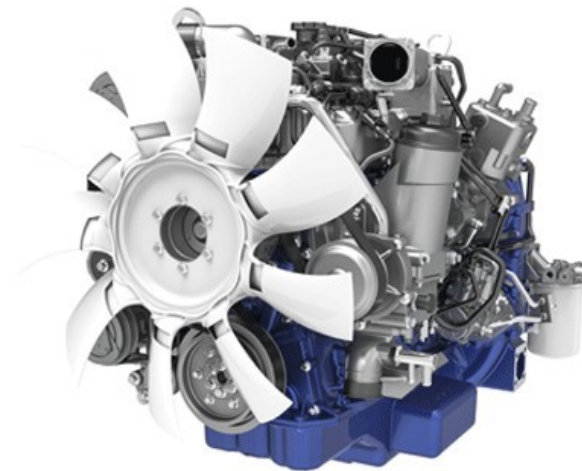
Diesel engines with large fuel tanks, therefore high and low fuel consumption.

A minimized noise level is achieved Special bearings for motors.



## LTC14B Road Roller Technical Parameter

Operating weight (Kg)	14000	<b>OVERALL WEIGHT:</b> 14000kg
Exciting force (KN)	310/200	<b>ENGINE POWER:</b> 103 kW
Vibration frequency (Hz)	30	<b>COMPACTING WIDTH:</b> 2130mm and 25 mm thickness
Nominal amplitude (mm)	1.90 MM IN HIGH AND 0.90 MM IN LOW	<b>Engine</b>
Climb capacity without /with vibration (%)	50/45	<ul style="list-style-type: none"> <li>•Equipped with high quality engine, stronger power with less fuel consumption.</li> </ul>
Variable Frequency Range (HZ)	30 Hz	<b>Hydraulic system</b>
Engine model	Weichai WP4.1G140E301 Cylinder capacity 4100	<ul style="list-style-type: none"> <li>•Sauer driving and vibrating system brings stability and reliability.</li> <li>•Hydraulic dual - wheel drive, infinitely variable, hydraulic steering, easy to operate</li> <li>•Double frequency and double amplitude vibration, makes sure the excellent effectiveness of compaction</li> </ul>
Maximun torque (Nm/rpm)	520/1600-1800	<b>OPTIONAL ENGINE</b>
Overall dimensions of machine (mm)	6140*2280*3080	<b>Maker Model Type</b> /CUMMINS B 5.9
Forward speed (km/h)	F1: 0-5.5, F2: 0-12	Water cooled, 4 cycle Diesel, 6-cylinders in line, direct injection, turbocharged charger and air cooled.
Reversing speed (km/h)	R1: 0-5.5, R2: 0-12	<b>Rated flywheel horse power</b> SAE J1995 (gross) 150 HP at 1,950 rpm.
Wheelbase (mm)	3100	SAE J1995 (gross) 143 HP at 1,950 rpm
Fuel tank (L)	240	DIN 6271/1 (gross) 152 PS at 1,950 rpm
Compacting width (mm)	2130	6271/1 (net) 145 PS at 1,950 rpm
Diameter (mm)	1.500	<b>Max. torque</b> 62.6kgf.m/1,500rpm
		<b>Bore X stroke</b> 102mm X 120mm
		<b>Piston displacement</b> 5,900cc





## LTC14B Road Roller Technical Parameter

Hydrostatic pump	Linde HPV075
Flow pump rate	75.9 cc/rpm
Transmission type	Hydrostatic
Transmission motors	Linde
Type	Pistons
Qty	2
Brake type	Multi wet disc
Parking brake type	Multi wet disc
Electric system V/A	24 volts / 75 A
Turning Radius	3494 mm
Drum load	7200 Kg
Transmission features	Final drive

### DUAL-PUMP PROPEL SYSTEM

Dual pump propel system provides steady hydraulic flow for unmatched gradeability and blade function and now has been enhanced with electronic control for even better performance

### BENEFITS

- Lower Operating Cost
- Up To 50% More Efficient
- Enhanced Operator Comfort

