

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, 37 degree hydrostatic steering, 15 degree oscillation angle, diagonal tires 23.1 - 26/ 12 PR.

CABIN

Closed, air conditioning, hour meter, fuel gauge, temp gauge, Oil light battery life, parking brake light, speed meter, security devices internally and externally, backup alarm, two rear-view mirrors, front rear lighting, instrument panel with anti-vandalism protection, Front and rear windshield with wiper/washer and air vents. horn, MP3 player, battery cut-off. 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	OVERALL WEIGHT: 14000kg
Exciting force (KN)	310/200	ENGINE POWER: 103 kW
Engine displacement	4100 cc	COMPACTING WIDTH: 2150mm and 25 mm thickness
Nominal amplitude (mm)	1.90 MM IN HIGH AND 0.90 MM IN LOW	Engine ●Equipped with high quality engine, stronger power with less fuel consumption diesel CRDI.
Climb capacity without /with vibration (%)	50/45	Hydraulic system ●Sauer driving and vibrating system brings stability and reliability.
Variable Frequency Range (HZ)	30 - 34 Hz	●Hydraulic dual - wheel drive, infinitely variable, hydraulic steering, easy to operate
Engine model	Weichai WP4.1G140E301 TIER III	●Double frequency and double amplitude vibration, makes sure the excellent effectiveness of compaction
Maximun torque (Nm/rpm)	520/1600-1800	OPTIONAL ENGINE
Overall dimensions of machine (mm) LXWXH	6140*2280*3400	Maker /CUMMINS 6BT5.9
Forward speed (km/h)	F1: 0-5.5, F2: 0-12	Model 6BT5.9
Reversing speed (km/h)	R1: 0-5.5, R2: 0-12	Type Water cooled, 4 cycle Diesel, 6-cylinders in line, direct injection, turbocharged charger and air cooled.
Wheelbase (mm)	3100	Rated flywheel horse power SAE J1995 (gross) 150 HP at 1,950 rpm.
Fuel tank (L)	400	SAE J1995 (gross) 143 HP at 1,950 rpm
Compacting width (mm)	2150	DIN 6271/1 (gross) 152 PS at 1,950 rpm
Diameter (mm)	1.500	6271/1 (net) 145 PS at 1,950 rpm
		Max. torque 62.6kgf.m/1,500rpm
		Bore X stroke 102mm X 120mm
		Piston displacement 5,900cc



LTC14B Road Roller Technical Parameter

Hydrostatic pump	Linde HPV075
Flow pump rate	75.9 cc/rpm
Transmission type	Hydrostatic
Transmission mtors	Linde
Type	Pistons
Qty	2
Brake type	Multi wet disc
Parking brake type	Multi wet disc
Electric system V/A	24 volts / 105 A
Turning Radius	3494 mm
External Turning Radius	6100 mm
Drum load / F axle load	7200 Kg
Rear axle capacity	6800 Kg
Transmission features	Final drive
Ground level mm	485
Hydraulic tank Liters	400
Approaching angle	35°
Departure angle	37°
Hydraulic pressure	420 Bar
Static lianear load	33,5 kg/cm

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
- 2 Batteries 100Ah
- Eccentric shaft vibrator

