

Chengdu Svoda Machinery Equipment CO.,Ltd

Terex tr50 specification



NHL TEREX

TR50主要技术参数

- 载重量: 45 tonne
- 2:1堆装容积: 27.5m³
- 总功率: 392 kW (525 hp)
- 最高车速 : 67km/h
- 最大爬坡度: 35%
- 最小转弯半径: 8.7m

Cummins turbo charged, aftercooled engine
Smooth shifting, electronically-controlled transmission
Non-wearing hydrodynamic retardation
High visibility cab with de-luxe interior

Maximum Payload: 45 tonne (50 US ton)
Maximum Gross Vehicle Weight: 80 000 kg (176 366 lb)
Heaped Capacity: 27.5 m³ (36 yd³)
Gross Power: 392 kW (525 hp)

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轮胎



- 高强度铸钢轮毂可靠、耐用。
- 无内胎、深花纹、高承载工程轮胎，耐刺割、耐爆裂，消耗少。
- 21.00-35 E4 36PR

Fabricated Full box section frame with integral front bumper and closed loop crossmember. Crossmember and rear torque tube and tail seat connections with frame rails are high strength alloy castings.

Standard: Front and Rear 21.00-35(36PR) E-4

Rim Width 15 in

Consult tyre manufacturers for optimum tyre selection and correctt- km/h (ton-mile/h) capacity for application.

SERVICE-Dual shoe external expanding, mechanically actuated by air pressure. Independent front and rear systems actuated by single treadle valve with auxiliary manual control. Operator controlled wet /dry road valves reduces front brake pressure 50% for improved control and slippery conditions.

**Front Linings: Diameter x width 660 x 127 mm
..... (26 x 5 in)**

Lining area: front axle 3 980 cm 2 (617 in 2)

..... (26 x 5 in)

**Rear Linings: Diameter x width 660 x 254 mm
..... (26 x 10 in)**

Lining area: front axle 7 960 cm² (1 234 in²)
Total Lining Area: 11 940 cm² (1 851 in²)

EMERGENCY-Warning light in cab indicates when air pressure drops below 550 kPa(80 lbf/in²). Front and rear brakes automatically actuate if system air pressure falls to 310 kPa(45 lbf/in²).

Air compressor capacity:..... 8.8 litres (12 ft³ /min)
Total safety brake air reservoir capacity 81 litres (4 950 in³)

PARKING-service brakes act as parking brakes when applied by manual control valve on the instrument panel.

RETARDATION-Application of non wearing hydrodynamic retarder integral with transmission.

Independent hydrostatic steering with closed- centre steering valve, accumulator and pressure compensating piston pump. Accumulator provides uniform steering regardless of engine speed. In the event of loss of engine power it provides steering of approximately two lock-to-lock turns.

A lowpressure indicator light warns of system pressure below 83 bar (1 200 lbf/in²). Steering conforms to ISO 5010, SAE J53. Steering conforms to ISO 5010, SAE J53.

Two body hoist cylinders are mounted between the frame rails. Cylinders are two-stage with power down in the second stage. The body hydraulic system is independent of the steering hydraulic system.

System Pressure..... 190 bar (2 750 lbf/ in²)
Body Hydraulic Pump Flow Rate
@ 2 100 rev/ min.....210 litre/ min (55.5 US gal/min)
Body Raise Time..... 13 Seconds
Body Lower Time 9 Seconds
Longitudinal 'V' type floor with integral transverse box-section stiffeners.

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The body is exhaust heated and rests on resilient impact absorption pads full time exhaust is optional.
Body floor wear surfaces are high hardness abrasion resistant steel of yield strength. ROPS Cabguard SAE J1040 Feb 86. ISO 3471

Thickness: Floor 15 mm (0.59 in)
Side..... 10 mm (0.39 in)
Front, lower 10 mm (0.39 in)
Volumes: Struck (SAE)21.5 m³ (28.1 yd³)
Heaped 2: 1 (SAE)27.5 m³ (36 yd³)





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Thanks for your time

Best regards

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