

0913 345 2791

ماشین معدن کویر  
KMMSCO



 **TEREX TR 50**



- سال ساخت ۲۰۱۵ - کاملاً بازسازی شده در حد دستگاه صفر
- متوسط ساعت کارکرد ۴,۰۰۰ ساعت
- موتور کامینز مدل QSX15 ساخت آمریکا - قدرت موتور ۵۲۵ اسب بخار
- گیربکس آلیسون مدل M5610AR ساخت آمریکا
- موتاتژ در شرکت NHL چین
- ماکزیمم حجم و ظرفیت بارگیری ۲۷.۵ متر مکعب
- تعداد ۱۲ دستگاه

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## TEREX TR 50

### Frame

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.

### Engine

Model / Model ..... Cummins QSX15-C  
Type ..... 4 Cycle, Turbocharged/ After cooler  
Gross Power @ 2 100 rev/ min ..... 392 kW (525 hp)  
Net Power @ 2 100 rev/ min ..... 368 kW (493 hp)  
Gross Power rated to SAE J1995 Jun 90.  
Engine emission meets Tier 2 USAEPA / CARB MOH 40 CFR 89 and proposed EU non- road mobile machinery directive.  
Maximum Torque ..... 2 400 Nm (1 800 lbf ft) @ 1 400 rev/min  
Cylinders/ Configuration ..... 6 in line  
Bore x Stroke ..... 137 x 169 mm (5.4 x 6.7 in)  
Displacement ..... 15 litres (912 in<sup>3</sup>)  
24 volt negative ground electrical system. Two 12 volt 165 Ah batteries with master disconnect switch. 9 kW starter. Neutral start. 70A alternator with integral voltage regulator.

### Transmission

Allison M5610AR automatic electronic control with Soft Shift feature. Mounted mid-frame for ease of access. Integral torque converter and planetary gearing. Six speeds forward, two reverse. Automatic lock-up in all speed ranges. Downshift inhibitor. Hydraulic retarder.

Speeds	Forward						Reverse	
	1st	2nd	3rd	4th	5th	6th	R1	R2
Ratio	4.00	2.68	2.01	1.35	1.00	0.67	5.12	3.46
km/h	11.3	16.8	22.4	33.4	45.2	65.0	7.1	12.9
mile/h	7.0	10.5	13.9	20.8	28.1	40.4	4.4	8.0

### Drive Axle

TEREX heavy duty axle with single reduction spiral bevel gear differential, full floating axle shafts, and planetary reduction at each wheel.

	Standard	Optional
Ratios: Differential	3.15:1	3.73:1
Planetary	5.66:1	5.66:1
Total Reduction	17.83:1	21.11:1

### Suspension

**Front:** TEREX manufactured kingpin strut-type independent front wheel suspension using self-contained, variable rate, nitrogen/oil cylinders.

**Rear:** TEREX variable rate nitrogen/oil cylinders with A-frame linkage and lateral stabilizer bar.

Maximum Strut Stroke: Front	251 mm (9.9 in)
Rear	182 mm (7.2 in)
Maximum Rear Axle Oscillation	± 6.5 Degrees

### Tyres

Standard: Front and Rear 21.00-35(36PR) E-4  
Rim Width ..... 15 in  
Consult tyre manufacturers for optimum tyre selection and correct t-km/h (ton-mile/h) capacity for application.

### Brakes

**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<sup>2</sup>(617 in<sup>2</sup>)

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

Lining area: front axle ..... 7 960 cm<sup>2</sup>(1 234 in<sup>2</sup>)

Total Lining Area: ..... 11 940 cm<sup>2</sup>(1 851 in<sup>2</sup>)

EMERGENCY-Warning light in cab indicates when air pressure drops below 550 kPa(80 lbf/in<sup>2</sup>). Front and rear brakes automatically actuate if System air pressure falls to 310 kPa(45 lbf/in<sup>2</sup>).

Air compressor capacity ..... 8.8 L/s (18.7 ft<sup>3</sup>/min)

Total safety brake air reservoir capacity ..... 81 litres (4 950 in<sup>3</sup>)

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.

### Steering

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 low pressure indicator light warns of system pressure below 83 bar (1 200 lbf/in<sup>2</sup>). Steering conforms to ISO 5010, SAE J53.

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Maximum Tyre Steering Angle ..... 39°

### Hoist

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/in<sup>2</sup>)

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

### Body

Longitudinal "V" type floor with integral transverse box-section stiffeners. 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.

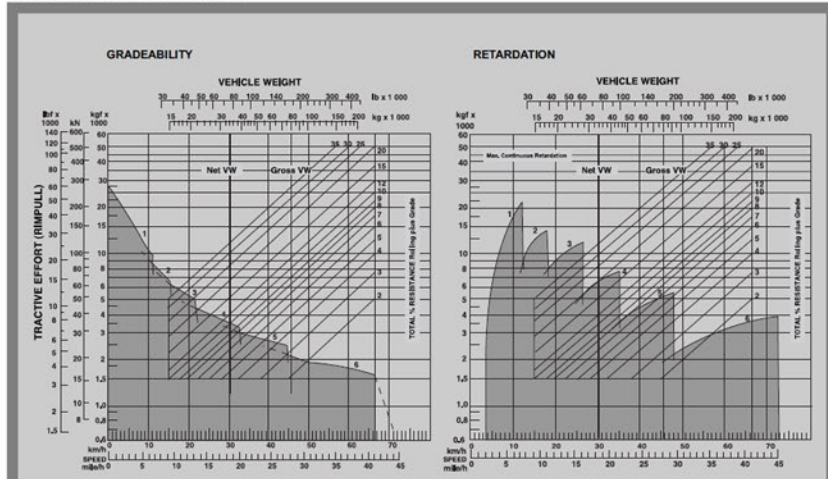
ROPS Cabguard SAE J1040 Feb 86. ISO 3471

Thickness: Floor ..... 15 mm (0.59 in)  
Side ..... 10 mm (0.39 in)  
Front, lower ..... 10 mm (0.39 in)

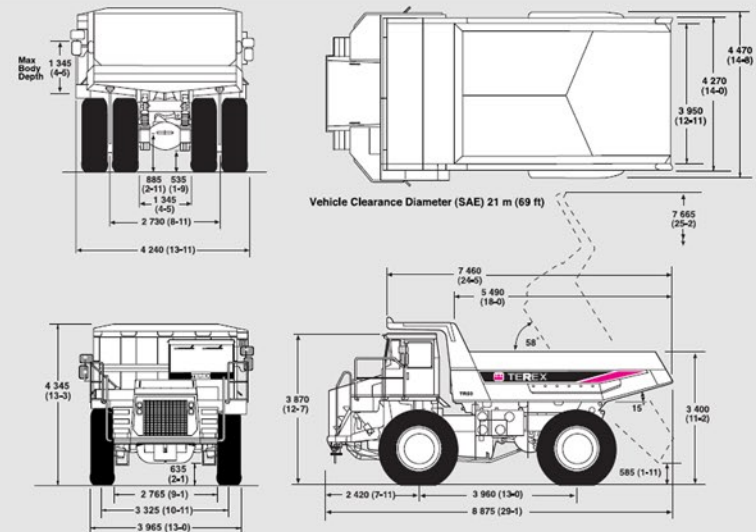
Volumes: Struck (SAE) ..... 21.5 m<sup>3</sup> (28.1 yd<sup>3</sup>)  
Heaped 2: 1 (SAE) ..... 27.5 m<sup>3</sup> (36 yd<sup>3</sup>)

### Performance Data

Graphs based on 0% Rolling Resistance.



Instructions: From intersection of Vehicle Weight with Percentage Resistance line read across to determine maximum Gear attainable, and then downwards for Vehicle Speed.



Dimensions in mm (in)