

# Yellow Plant Machinery Technical Specifications

## **TLB (4x4)**

### Engine:

Model FPT NEF – F4HE9484C

Injection System – High Pressure Common Rail

Number of cylinders – 4

Maximum torque (ISO 14396) – 516 Nm @ 1400 rpm

Engine power (ISO 14396) – 82 KW (110 hp)

### Transmission

Type – Powershift 4WD – 4WS

Model – Carraro TLB2 MPB 4WS

Forward travel speeds (kph) – 6-10-22-39

Reverse travel speeds (kph) – 9-12-26-N/A

### Hydraulic System

Type – Load sensing, closed center hydraulic system with variable displacement pump

Flow (@ 2200 rpm) – 15 to 165 l/m

Pressure – 205 Bar

## **Tipper Truck (10 m3)**

### Engine:

Model - 6iSBe285

Configuration – I6, turbocharged and intercooled

Gross power – 207 kW (280 hp) @ 2600 rpm

895 Nm @1500 rpm

Displacement – 6.7 liters

Fuel Injection System – Bosch common rail

Fuel tank capacity – 350 liters

## **Grader (140)**

### Engine:

Model – Cat C7 Acert

Number of cylinders - 6

Speed at rotated – 2000 RPM

Base power, first gear - 128 kW net

Variable horse power, gear 1&2 – 128 kW net; 140 kW gross

Variable horsepower, gear 3 – 135 kW net; 147 kW net

Variable horsepower, gear 4 to 8 – 143 kW net; 155 kW gross

Displacement – 7,2 liters

Torque rise – 46%

Torque, maximum, net – 996 N.m



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Derating altitude - 3048 meters

**Water Tanker (15 m3)**

Water tank – 15 000 liters  
Spraying width – 20 metres  
PT2606 Transmission  
6-speed fully automatic power  
Axle- 8x4  
Maximum inclination – 10%  
Engine – 460-540-HP  
Gross vehicle weight - 45000kg  
Fuel consumption – 10-16 liters/hour

**Roller (10 Ton Smooth)**

Maker – caterpillar  
Model – 100 tons CS 533E Vibratory  
Operating Weight – 10500 kg  
Compaction width – 2134 mm

**Horse Truck and Low Bed Trailer**

Load capacity – 60-70 ton  
Overall dimension – 12560 mm x 3000mm x 1600 mm

**BobCat**

Type – Load sensing, closed center hydraulic system with variable displacement pump

BB MATHEBULA

ACTING DEPOT ENGINEER  
NELSPRUIT RAIL  
NETWORK



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