

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



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

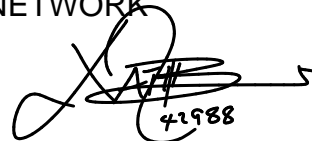
Overall dimension – 12560 mm x 3000mm x 1600 mm

BobCat

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

BB MATHEBULA

ACTING DEPOT ENGINEER
NELSPRUIT RAIL
NETWORK



41988