



MG80T

Motor Grader



B U I L T A F R I C A T O U G H

Designed and Manufactured in South Africa



Axes

Front : Desmond pivoting, steering axle
Rear : ITL PD 90

Steering

- Fully hydraulic orbital controlled steering with double acting cylinder
- Full flow filtration
- Turning radius : 8.2m
- Axle oscillation angle : 18 degrees either side

Tyres

Front : 10.5 x 16"
Rear : 600/65R34
1800 x 25 (Optional)

Electrics

Voltage : 12 Volt
Battery : 1 x 12 Volt sealed type
Alternator : 12 Volt / 55 Amp

Brakes

Type : Inboard wet-sealed disc brakes on rear wheels
Park Brake : Mechanically applied disc brake on drive line

Engine

Type : JCB
Model : 444 TC Turbocharged
Capacity : 4.4 Liters
Power : 75kW @ 2200 RPM
Torque : 425 Nm @ 1300 RPM

Transmission

Type : ITL
Model : PS 720
Gearing : Constant mesh. Full power shift with modulation
Gears : Forward - 4
Reverse - 4
Speed : 40Km/H
Torque Converter : Single phase 3 element.

Hydraulic System

Oil Capacity : 60 Liters
Pumps : Fixed displacement gear driven
Working Pressure : 1600 Psi (11 MPa)
Full flow filtration

Service Capacities

Cooling system : 32 Litres
Engine Crankcase : 16 Litres
Rear Axle Differential : 16 Litres
Transmission : 15 Litres
Diesel Tank : 70 Litres
Planetaries : 5 Litres
Hydraulic System : 60 Litres
Planetary : 2,5 Litres each end

Operational Weights

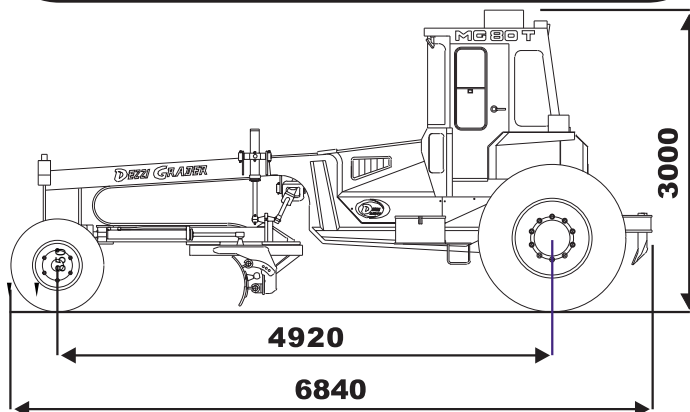
Front Axle : 2400 kg
Rear Axle : 4940 kg
Total : 7340 kg

Blade Data

Length : 3050mm
Height : 490mm (including cutting edge)
Thickness : 16mm
Circle Rotation : 45 degrees either side
Blade lift : 280mm
Blade dig : 250mm
Bank Slope Angle : 17 degrees either side

Scarifier Data

Scarifier width : 1600mm
Scarifier dig depth : 350mm



MACHINE WIDTH : 2400mm

Dimensions are approximate

kiwa



**DESMOND
EQUIPMENT**

PORT SHEPSTONE HEAD OFFICE

Tel: 039 685 4100 | Fax: 039 685 4476 | E-mail: dezzi@venturenet.co.za
PO Box 111 Port Shepstone 4240, South Africa
Web: www.dezzi.co.za

Desmond Equipment S.A. reserves the right to modify specifications without notice.

DEALER