



DEZZI MG80T MOTOR GRADER



BUILT AFRICA TOUGH



H.E. JACKSON ENGINEERING LTD



DEZZI MG80T MOTOR GRADER

SPECIFICATION SHEET

*Desmond Equipment SA (Pty) Ltd reserves the right to modify specifications without notice.

ENGINE

TYPE : JCB
MODEL : 444T Turbocharged
CAPACITY : 4.4 Litres
POWER : 75KW @ 2200 RPM
TORQUE : 425NM, @ 1300 RPM

TRANSMISSION

TYPE : ITL
MODEL : PS 750
GEARING : Constant mesh
Full power with shift modulation
GEARS : Forward - 4
Reverse - 4
SPEED : 40Km/H
TORQUE CONVERTER : Single phase 3 element

AXLES

FRONT : Dezzi pivoting, steering axle
REAR : ITL PD87

TYRES

FRONT : 10.5 x 16
REAR : 600/65 R34 1800 x 25 (optional)

BRAKES

TYPE
• Inboard, wet-sealed brake discs on rear wheels
PARK BRAKE
• Mechanically applied disc brake on the drive line

HYDRAULICS

OIL CAPACITY : 60 Liters
PUMPS : Fixed displacement gear driven
WORKING PRESSURE : 1 600Psi (11MPa)
Full flow filtration

STEERING

• Fully hydraulic orbital controlled steering with double-acting cylinder
• Full flow filtration
• Turning radius : 8.2m
• Axle oscillation angle : 18° in each direction

ELECTRICS

VOLTAGE : 12 Volt
BATTERY : 1 x 12 Volt
ALTERNATOR : 12 Volt / 70 Amp

CAB

• Fully enclosed lockable cab
• Fully adjustable, weight compensating operator seat with built in suspension and seat belt
• Full road ordinance lighting and indicators
• Rubber mat floor covering
• Roof mounted ventilation fan • Air-conditioning optional

SERVICE CAPACITIES

COOLING SYSTEM : 32 Litres
ENGINE CRANKCASE : 16 Litres
REAR AXLE DIFFERENTIAL : 16 Litres
TRANSMISSION : 15 Litres
DIESEL TANK : 70 Litres
HYDRAULIC SYSTEM : 60 Litres
PLANETARY HUB : 2.5 Litres each end

OPERATIONAL WEIGHTS

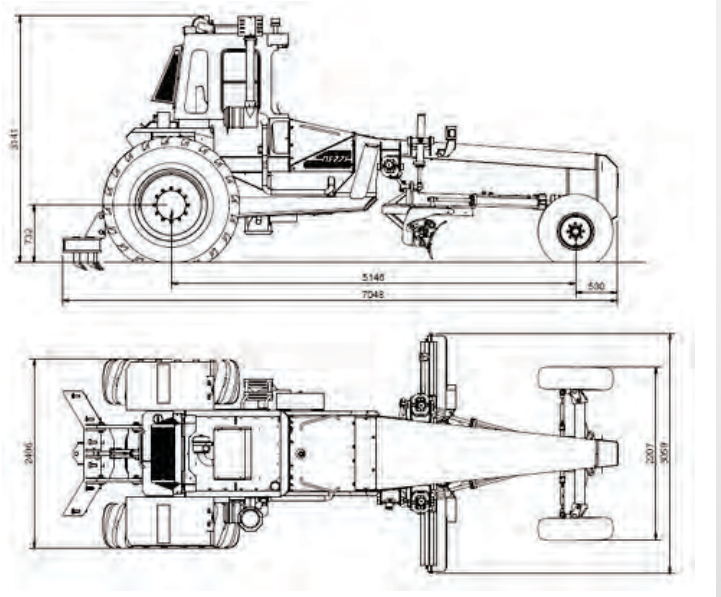
FRONT AXLE : 2 400kg
REAR AXLE : 4 940kg
TOTAL : 7 340kg

BLADE SPECS

LENGTH : 3 050mm
HEIGHT : 490mm (including cutting edge)
THICKNESS : 16mm
CIRCLE ROTATION : 45° either side
BLADE LIFT : 280mm
BLADE DIG : 250mm
BANK SLOPE ANGLE : 17° either side

SCARIFIER

SCARIFIER WIDTH : 1 600mm
SCARIFIER DIG DEPTH : 350mm



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