

DRY TILLING**CULTIVATING****TRANSPORTING****WET PUDDLING****PLOUGHING****SPRAYING**

SPECIFICATIONS FOR MITSUBISHI SHAKTI MT 180D TRACTOR

ENGINE

MODEL	K3C
Type	3 Cylinder, 4 Stroke, Over Head Valve
Bore	70mm (2.75in)
Stroke	78mm (3.07in)
Displacement (Swept Volume)	900cu.cm (54.9 cu.in)
Max. Torque	5.2 kg-m (1900 rpm)
Output/Rated	18.5 hp / 2700 rpm (IS : 10,000)
S.F.C. (Specific Fuel Consumption)	230 gm/hp-hr
Cooling System	Watercooled Radiator with compensatory tank
Dry Weight	125 kgs
Starting System	Starter Motor 12 Volts - 1.6 KW

FUEL SYSTEM

Fuel	High Speed Diesel Oil (H.S.D.)
Fuel Tank Capacity	18 litres
AIR CLEANER	3 stage Oil Bath Type

LIGHTING SYSTEM

Lighting	12 volts, 35 watts
Alternator	12 volts, 40 Amps
Glow Plug	12 volts Quick Heat Type

TRANSMISSION

Transmission	Selective Sliding Gear
Forward	6 Speeds
Reverse	2 Speeds with differential lock
Travelling Speed	1.2 kmph (min.) / 14.0 kmph (max.)
Power Take Off (P.T.O.)	13/8" - SAE Std Spline Shaft, 3 speeds 623, 919 & 1506 RPM at 2700 eng. rpm
Brake	Water proof internal expanding shoe type brake with parking brake
Tyres	Front 5-12, Rear 8-18 Tread Width 740, 890 mm
Overall Dimensions	Width 1025mm, Height 1475mm Length 2565mm, Wheel Base 1422mm CG 225mm,
Ground Clearance	230mm
Turning Radius	W/o Brake 2.5m & W/Brake 2.1m
Hauling	2 Wheel Trailer, 3 Tonnes (Gross weight)
Rotary	Side Drive Type
Weight	645kgs (W/o ballast wt)

PERFORMANCE

Tilling Width	1100mm
No. of Tynes	28
Tilling Depth	150mm
Plough Depth	220mm

SPEEDS (Standard Pulley)

Forward	L1	1.23 km / hr	Reverse	Low	1.58 km / hr
	L2	1.87 km / hr		High	6.93 km / hr
	L3	3.18 km / hr			
	H1	5.43 km / hr			
	H2	8.22 km / hr			
	H3	13.98 km / hr			

The performance of the product and its attachments are stated under Standard Test Conditions. Design and specifications may change due to continuous improvement.