

King of Cultivation

TAFE 5450 DI

MAHA MAHAAN

STRONGER ❖ BIGGER ❖ FASTER

STANDARD FEATURES

- ❖ Highly fuel efficient, Simpsons SJ 327 Diesel Engine Water -cooled, Positive crank case ventilation with closed loop breathing system.
- ❖ Dual Clutch, Classic Pedal.
- ❖ Straight Front Axle with Water Proofing.
- ❖ Eagle Gear Box
- ❖ Dry Sealed Disc Brakes,
- ❖ Front Weight Frame with two weights.
- ❖ Economy PTO.
- ❖ Hydraulic System with Draft and Position control with enhanced lift capacity.



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SPECIFICATIONS

ENGINE	
Make / Type	: Simpson's TII SJ 327, 4 Stroke, Direct Injection, Diesel Engine
Rated Engine HP	: 54 HP @ 2250 Erpm
No. of Cylinders	: 3
Cubic capacity	: 2700 cc
Bore	: 95 mm
Stroke	: 127 mm
Air Cleaner	: 4 Stage Oil Bath
Cooling	: Pressurised Water Cooling
Fuel Filter	: Dual
Fuel Injection Pump	: MICO Inline Pump
Exhaust	: Vertical
CLUTCH	
Dual dry friction Type	
The Driving Plate is 12" (305 mm)	
The PTO Driving Plate is 10" (254 mm)	
Method of Operation: Manual, Classic type Pedal	
GEAR BOX	
Mechanical Sliding Mesh Eagle Gear box with Constant Mesh Gear at the Input side and a Planetary Reduction Gear unit at the Gear Box Output side, to give Eight forward and two Reverse Speed.	
BRAKES	
Mechanical internal expanding brake shoes acting on the rear wheels simultaneously or independently. The same braking system is used to apply the Parking Brake.	
Optional: Dry Disc Brake / Oil immersed Break	
STEERING	
Manual, Recirculating ball, Worm and nut type	
HYDRAULIC SYSTEM	
Pump Type	: MARK III, 4 Cylinder Piston Pump with Suction Strainer
Pump Capacity	: 16 lpm @ 540 PTO rpm
Functions	: Position, Draft and Response Control with 3 Point Linkage Cat - II
Lifting Capacity	: 1700 Kg @ Lower Link at Horizontal Position
POWER TAKE OFF (PTO)	
Shaft Dia	: 35 mm
No. of Spline	: 6
PTO Speed	: 540 rpm @ 1500 Erpm

ELECTRICALS	
Battery	: 12 V, 80 Ah, Maintenance Free
Alternator	: 12 V, 36 Amp
Ignition	: Key Operated
Safety	: Through Neutral Safety Switch
Lights	: 2 Head Lights -55/80 W/15A
	: 2 Front Parking cum side Indicators Lights -5W
	: 2 Rear, Brake and Side Indicator Lights -21 W
	: Work Lamp - 55 W, 10 A, Halogen
	: Hazard Warning System
WHEELS AND TYRES	
Front	: 6.00 x 16 - 8 PR
Rear	: 14.90 x 28 - 12 PR
WHEEL TRACK (Adjust in steps of 102 mm or 4 inch.)	
Front	: 1220 to 1850 mm
Rear	: 1340 to 1952 mm
WEIGHTS AND DIMENSIONS	
Length	: 3220 mm (Lower Link in Horizontal Position)
Width	: 1900 mm
Height	: 1700 mm (Top to Stencer)
Wheel Base	: 1930 mm
Ground Clearance	: 340 mm (below Gearbox)
Tractor Weight	: 2010 Kg
Turning Circle Radius	
With Brakes	: 3320 mm
Without Brakes	: 3600 mm
CAPACITIES	
Fuel Tank	: 48 Liters
Engine Lub Oil	: 6.5 Liters
Cooling System	: 10.5 Liters
Transmission &	
Hydraulic System	: 28 Liters
Steering System	: 1 Liters
Air Cleaner	: 0.8 Liters
STANDARD FEATURES	
Square Bonnet, Wider Flat Top Fenders, Vertical Exhaust, Foot Throttle, Hand Parking Brake, Tool Box, Spring Suspension Seat, Instrument Cluster with Hour Cum RPM Meter, Coolant Temperature Gauge, Fuel Gauge, Side Indicator, Hazard warning Indicator, High Beam Indicator, Battery Charge Indicator, Low oil pressure Indicator, Low Fuel Indicator, High Temperature Indicator, Chain Stabilizer Kit. Front Weight Frame.	
OPTIONAL FEATURES	
ROPS, Front Weights, Rear Wheel Weights, Sun Canopy	


Tractors and Farm Equipment Limited
 (A Member of Amalgamations group)
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Due to continuous product development, features and specifications are subject to change

Optional accessories shown are not part of standard fitment