

Elephant Power

TAFE 5900DI

Modern design, excellent performance, easy maneuverability, simplicity of operation, most modern hydraulic system

STANDARD FEATURES

- ❖ Highly fuel efficient, Simpsons S 433 Diesel Engine, Water-cooled with Mico Inline Pump.
- ❖ Dual Dry Clutch
- ❖ Front Weight Frame with provision for Front towing hitch.
- ❖ Oil Immersed Brakes
- ❖ Planetary Plus Technology
- ❖ 4-Stage Air Cleaner
- ❖ Double Cylinder Hydrostatic Steering.
- ❖ Live PTO & Hydraulics with Draft and Position Controls.
- ❖ Square Bonnet.
- ❖ Neutral Safety Switch for Starting.
- ❖ Telescopic Straight Front Axle.
- ❖ Sealed Coolant System
- ❖ Wheel to Wheel Max oil
- ❖ Differential Lock



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SPECIFICATIONS

ENGINE	
Make / Type	: Simpson's S433, 4 Stroke, Direct Injection, Diesel Engine
Rated Engine HP	: 60 HP @ 2300 Erpm
No. of Cylinders	: 4
Cubic capacity	: 3333 cc
Bore	: 91.4 mm
Stroke	: 127 mm
Air Cleaner	: 4 Stage Oil Bath
Cooling	: Pressurised Water Cooling
Starting Aid	: Thermostat
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)	

GEAR BOX	
Mechanical Sliding Mesh 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. Final Drive : Crown Wheel Pinion with Differential Lock and Epicyclic at Wheel end.	

BRAKES	
Multi disc Wet Brakes operated by Pendant Pedals acting on the Rear Wheels Simultaneously Or Independently. 8 Oil Immersed Braking Surface, completely Sealed from mud and water entry. The same Braking System is used to apply the Parking Brakes.	

STEERING	
Double Cylinder Hydrostatic Steering.	

FRONT AXLE	
Heavy Duty Adjustable Three Piece Telescopic Straight Front Axle	

HYDRAULIC SYSTEM	
Pump Type	: MARK III, 4 Cylinder Piston Pump with Suction Strainer
Pump Capacity	: 18 lpm @ 540 PTO rpm
Functions	: Position, Draft and Response Control with 3 Point Linkage Cat - II
Lifting Capacity	: 2050 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 -55/60 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	: 7.50 x 16 - 8 PR
Rear	: 16.90 x 28 - 12 PR

WHEEL TRACK (Adjust in steps of 102 mm or 4 inch.)	
Front	: 1422 to 1828 mm
Rear	: 1422 to 2134 mm

WEIGHTS AND DIMENSIONS	
Length	: 3400 mm (Lower Link in Horizontal Position)
Width	: 2000 mm
Height	: 2450 mm (Top to Silencer)
Wheel Base	: 2050 mm
Ground Clearance	: 420 mm (below Gearbox)
Tractor Weight	: 2380 Kg
Turning Circle Radius	
With Brakes	: 3270 mm
Without Brakes	: 3630 mm

CAPACITIES	
Fuel Tank	: 70 Liters
Engine Crank Case	: 8.5 Liters
Cooling System	: 10.5 Liters
Transmission & Hydraulic System	: 45 Liters
Steering System	: 1.9 Liters
Fuel Inj. Cam Box	: 0.5 Liters
Air Cleaner	: 0.8 Liters

STANDARD FEATURES	
Differential Lock, 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, Swinging Draw bar.	

OPTIONAL FEATURES	
ROPS, Front Weights, Rear Wheel Weights, Sun Canopy	


Tractors and Farm Equipment Limited
(A Member of Amalgamations group)
CHENNAI - INDIA
website: www.tafe.com, E-mail: exports@tafe.co.in

Exclusive Dealer in Bangladesh

PBL Tower (14th Floor), 17 North C/A, Gulshan Circle- 2, Dhaka- 1212, Bangladesh
Tel: +88-02-8835006, 9893981, 9898683, Fax: +88-02-9854004
www.themetalbd.com, E-mail: info@metalbd.biz