

TAFE 1002 4WD

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

STANDARD FEATURES

- ❖ Highly Fuel Efficient, Simpson's ST440 E2-EUII, Engine with Turbo Charger and Inter cooler with BOSCH Inline Pump
- ❖ Heavy Duty Dual Clutch.
- ❖ Hydrostatic Steering
- ❖ Partial Synchromesh gear box with 12 Forward and 4 Reverse Speeds
- ❖ Live PTO & Mark III Hydraulics with Draft and Position Controls
- ❖ Tandem Pump & Double Spool Valves
- ❖ Full Platform with deck
- ❖ Live 4WD Front Axle with Centre Drive
- ❖ Pendant Pedal Operation for Clutch and Brakes

STANDARD ACCESSORIES

- ❖ Front and Rear Wheel Weights
- ❖ Extra Heavy Duty Swinging Draw Bar



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SPECIFICATIONS

ENGINE	
Type	: Simpson's ST440 E2-EUII Turbo Charged Intercooled Diesel Engine
No.of Cylinders	: 4
Cubic capacity	: 4.0 Litres
Bore	: 100 mm
Stroke	: 127 mm
Air cleaner	: Dry Type
Cooling	: Pressurised Water cooling
Fuel Injection Pump	: BOSCH, Inline Pump
Rated Engine HP	: 100 @ 2200 Erpm

CLUTCH	
Type	: Dual Dry friction with cerametalic lining
Primary Driving Plate	: 13" Dia (330 mm)
PTO Driving Plate	: 10" Dia (254 mm)

GEAR BOX	
Partial Synchromesh with center shift and Constant Mesh Gear at the Input side and a Planetary Reduction Gear box Output side, to give 12 forward and 4 Reverse Speeds	
Final Drive	: Crown Wheel pinion with Differential with Planetary Reduction

POWER TAKE OFF	
Type	: Live
Shaft diameter	: 1 3/8" (34.8 mm)
Number of Splines	: 6
PTO Speed	: 540 @ 1900 Erpm

BRAKES	
Multi disc Wet Brakes acting on the Rear Wheels Simultaneously or Independently. The same Braking System is used to apply the Parking Brake.	

FRONT AXLE	
Heavy Duty 4WD Front Axle with center Drive with UP box	

STEERING	
Hydrostatic Steering	

HYDRAULIC SYSTEM	
Pump	: MARK III, 4 Cylinder Piston Oil Immersed Pump with Suction Strainer
Pump capacity	: 16.9 lpm @ 2200 Erpm
Tandem Pump	: 35.5 lpm @ 2200 Erpm
Spool Valve	: Double
Max. Lifting Capacity	: 2500 Kgf @ Lower link in Horizontal position

ELECTRICAL	
Battery	: 12V, 100 Ah, Maintenance Free
Alternator	: 12V, 65 Amp
Ignition	: Key Operated
Safety	: Through Neutral Safety Switch
Lamps	: 2 Head Lamps 60/55W 1 Work Lamp 55W Halogen 2 Front Position Lamps - 5W 2 Front Turn Indication Lamps - 21W 2 Rear Position lamp - 5W 2 Rear Turn Indicator Lamp - 21W 2 Rear Brake Lamp - 21W
Instruments & Gauges	: Instrument Cluster consists of Electronic Hour cum RPM Meter, Temperature Gauge, Fuel Gauge and LED type warning indicators for Turn LH, Turn RH, Turn Trailer 1, High beam, Battery charge, Low oil pressure with Audible alarm, High temperature, Air restriction, Transmission Oil filter, Pre heater (glow plug) and 4WD.
Switches	: Ignition switch, Hazard warning switch, Combination switch consists of turn LH, turn RH indication, Head lamp Low beam, High beam, Pass - ON and Horn switch

WHEEL AND TYRES	
Front Wheel	: 14.9 x 28
Rear Wheel	: 18.4 x 38
STANDARD WHEEL TRACK	
Front	: 1830 mm
Rear	: 1778 mm

FILL UP DATA	
Fuel Tank	: 85
Engine Crank Case	: 9.7
Cooling System	: 18
Transmission & Hydraulic System & Steering System	: 49
Front Axle	: 4.7

DIMENSIONS AND WEIGHTS	
Overall Length	: 4195 mm (lower links In Horizontal Position)
Overall Width	: 2270 mm
Overall Height	: 2700 mm (Top of ROPS)
Wheel base	: 2365 mm
Min Turning Circle	
Radius	: 3997 mm
Ground clearance	: 430 mm
Tractor weight without accessories	: 4065 kg

STANDARD FEATURES	
Square Bonnet, Rounded Fenders, Full Platform with Deck with heat shield for operator comfort, Vertical Exhaust, Foot Throttle, Hand Parking Brake, Tool Box, Spring Suspension Seat, Chain Stabilizer, Swinging Draw bar and ROPS	

OPTIONAL FEATURES	
IPTO, Sun Canopy	



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Due to continuous Product Development, features and specification are subject to change

Optional accessories shown are not part of standard fitment