

# TAFE 8502-4WD

Modern Design, Excellent Performance ,Easy  
Maneuverability, Simplicity of Operation, Most Modern  
Hydraulic System

## Standard Features

- ❖ Highly Fuel Efficient, Simpson's ST440 Diesel Engine, water cooled with Mico Inline Pump meeting EU II Emission norms
- ❖ Dual Dry Clutch
- ❖ Hydrostatic Steering
- ❖ 8F+2R Transmission
- ❖ Live PTO & Mark III Hydraulics with Draft and Position controls
- ❖ Square Swing up Bonnet
- ❖ 4WD Front Axle

## Optional Accessories

- ❖ Front and Rear Weights
- ❖ ROPS



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ENGINE	ELECTRICALS
<p>Make /Type: : Simpson's ST440 EU II 4Stroke, InLine, WaterCooled Direct Injection, Diesel Engine</p> <p>No. of Cylinders : 4</p> <p>Cubic Capacity : 4.0L(4000 cc)</p> <p>Bore : 100 mm</p> <p>Stroke : 127 mm</p> <p>Air Cleaner : Dry Type</p> <p>Cooling : Pressurised Water Cooling</p> <p>Fuel Injection : Mico Inline Pump</p> <p>Rated Engine HP : 79 (58 Kw)@2200 rpm as per BS Au 141 a 1971</p>	<p>Battery : 12V,120 Ah ,Maintenance Free</p> <p>Alternator : 12V,36 Amp</p> <p>Ignition : Key Operated</p> <p>Safety : Through Neutral Safety Switch</p> <p><b>LIGHTS</b></p> <p><b>Head Lamps</b> 2 -60/55W Rectangular Halogen</p> <p><b>Front Lamps</b> 2- Front Position - 5w 2-Front Turn Indicator -21w</p> <p><b>Rear Lamps</b> 2-Rear Position - 5w 2-Rear Turn Indicator - 21w 2-Rear Brake - 21w</p> <p><b>Work Lamps</b> 1- Halogen Lamp-55w Hazard Warning System</p> <p>Rear Registration No.Plate Illuminator - 5w 1no</p> <p><b>Instruments and Switches:</b> 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, low fuel, Air restriction and 4wd</p> <p>Ignition Switch, Hazard Warning Switch, Combination Switch consists of Turn Indicators, Head lamp low beam, Pass on &amp; Horn Switch</p>
CLUTCH	WHEELS AND TYRES
<p>Dual dry Friction Type.- Cerametallic</p> <p>The Driving Plate is 12"(305mm)</p> <p>The PTO Driving Plate is 10"(254mm)</p>	<p>Front : 12.4x24</p> <p>Rear : 18.4 x 30</p>
GEAR BOX	STANDARD WHEEL TRACK-in mm
<p>Mechanical Sliding Gear box with Center shift and 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</p> <p>FINAL DRIVE: Crown Wheel pinion with Differential &amp; Planetary drive with Reduction</p>	<p>Front : 1524 to1930 (adjustable in steps of 102mm), Std - 1524</p> <p>Rear : 1524 to 2134 (adjustable in steps of 102mm), Std - 1625</p>
POWER TAKE OFF	WEIGHTS AND DIMENSIONS-
<p>Shaft Dia : 1 3/8"(35mm)</p> <p>No.of Spline : 6</p> <p>PTO Speed : 540 @ 1789Erpm</p>	<p>(Nominal at Standard Track)</p> <p>Length : 3840 mm (Lower Link in Horizontal Position)</p> <p>Width : 2100mm</p> <p>Height : 2450mm (Top of Silencer )</p> <p>Wheel Base : 2300 mm</p> <p>Ground Clearance : 311 mm (below SWDB)</p> <p>Tractor Weight : 2950 Kg</p>
FRONT AXLE	CAPACITIES in Lts
<p>4WD Front Axle</p>	<p>Fuel Tank : 70</p> <p>Engine Crank Case : 7.6</p> <p>Cooling System : 15.5</p> <p>Transmission &amp;Hydraulic System : 49</p> <p>Steering System : 1.9</p> <p>Front Axle : 8.0</p>
BRAKES	STANDARD FEATURES
<p>Mechanical Oil Immersed Wet brakes, acting on the Rear Wheels Simultaneously or Independently. The same Braking System is used to apply the Parking Brake</p>	<p>Square Bonnet, Flat top Fenders, Vertical Exhaust, Foot Throttle, Hand Parking Brake , Tool Box, Spring Suspension Seat, Oil Pipe Kit, Swinging Draw bar, Chain Stabilizer,</p>
STEERING	
<p>Hydrostatic Steering</p>	
HYDRAULIC SYSTEM	
<p>Pump : MARK III ,4 Cylinder Piston Pump with Suction Strainer</p> <p>Pump Capacity : 18 lpm @2200 Erpm</p> <p>Lifting Capacity : 2145 Kgf -@ Lower link in Horizontal Position</p>	

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