



TAFE 8502 4WD

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TAFE 8502 4WD TECHNICAL SPECIFICATIONS

STANDARD FEATURES

Flat top fenders with extension plates, Fixed squared bonnet, Independently working hand & foot throttle, Hand parking brake, Spring suspension seat, Classic pedals, Instrument cluster, Steering combination switch, Swinging drawbar, Chain stabilizer kit, Toolbox, front weight frame

OPTIONAL EQUIPMENT

Front weights and rear wheel weights, Oil pipe kit, Sun canopy, Adjustable tow hook, Auxiliary hydraulics

ENGINE & DRIVE

Make/Type: Simpson S440, 4 Stroke direct injection, Diesel engine with PCV (Exhaust emission as per ISO 8178)

Cylinders: 4-Cylinders

Bore/Stroke: 100/112mm

Cubic capacity: 4.0 Litres

Air cleaner: Oil bath - over bonnet

Cooling: Pressurized water cooling

Starting aid: Induction manifold

Fuel injection pump: MICO Inline pump

Fuel filter type: Dual, replaceable element type

Exhaust: Vertical

Max. Engine power: 60kW gross @ 2 200rpm

Max. Engine torque: 291.26Nm @ 1 400Erpm // as per BSAu 141a 1971

ELECTRICAL

12 Volt negative earth system: Standard

Starter motor: 12V DC, 2.7kW, solenoid engaged flange mounted, will operate only when high-low selector is in neutral

Alternator: 12V, 36A with ITIWITI point

Relays: Horn, High/low beam, brake lamp

Lamps: 2-Halogen head lamps 60/SSW, 1-Halogen work lamp SSW, 4-Amber fender lamps 21W - conforming to ASAE standards, 2-Red rear direction lamps 21W

Gauges & indicators: Instrument cluster consists of an electronic Hour-Cum-RPM meter, Fuel gauge, Lub/oil pressure gauge, Coolant temperature gauge, Turn indicator, Hazard warning indicator, High beam indicator, Battery charge indicator, Low fuel indicator, High temperature indicator with imperial markings

FILL UP DATA

Fuel tank: 70 Litres

Engine lub. oil: 9.5 Litres (sump and lub. oil filters)

Cooling system: 14 Litres

Transmission - Hydraulic systems: 45 Litres

Hydraulic steering reservoir: 1.9 Litres

Front axle: 5.6 Litres

Epicycle hubs: 2.4 Litres

Air cleaner: 0.8 Litres

FIP cambox: 0.5 Litres

CLUTCH

Type: Dual dry corametal

Driving plate: Primary 305mm, secondary 254mm

Method of operation: Manual, classic type pedal

POWER TAKE OFF

Type: Live

Shaft diameter: 1 318/111 (34.8mm)

Number of Splines: 6

PTO Speed: 540 @1 789Erpm

TRANSMISSION

Gear box: 8-forward and 2-reverse sliding mesh

Rear axle: Crown wheel and pinion with differential and epicyclic at wheel end

Differential lock: Mechanical - foot operated

BRAKES

Type: Multiple disc wet brakes

Method of operation: Mechanically actuated individual RH LH or combined through classic pedals

Parking brakes: Hand lever operated

FRONT AXLE

Type: 4WD

STEERING

Type: Hydrostatic steering

HYDRAULIC SYSTEM

Type: MARKIIL 4 Cyl. Scotch Yoke piston pump - suction strainer

Rated capacity: 18Rpm @ 540 PTO Erpm

Ratio capacity: 42Rpm (for auxiliary hydraulic)

External tapping points: 3

Max. lift capacity: 2 145kgf @ Horizontal position

WHEELS & TYRES

Front wheel: 10 x 24

Front tyre: 12.4 x 24 - 8PR

Rear wheel: 15 x 30

Rear tyre: 18.4 x 30 - 14PR

WHEEL TRACK

Front: 1 824 - 1 930mm

Rear: 1 524 - 2 134mm

Adjustment steps: 102mm

DIMENSIONS & WEIGHT

Overall length: 3 830mm (Lower links in horizontal position)

Overall width: 2 100mm

Overall height: 2 520mm (over exhaust)

Wheelbase: 2 300mm

Min. ground clearance: 360mm (below swinging draw bar)

Turning circle radius with brake: 3 850mm

Tractor weight: 2 900kg