



# TAFE 5900 DI 4WD



# TAFE 5900 DI 4WD TECHNICAL SPECIFICATIONS

## STANDARD FEATURES

Differential lock, Square bonnet, Flat top fenders, Foot throttle, Hand parking brake, Vertical exhaust, Toolbox, Spring suspension seat, Swinging drawbar, hand parking brake, Chain stabiliser kit, Instrument cluster with Hour-Cum-RPM meter, Coolant temp. Gauge, Fuel gauge, Turn indicator, Hazard warning indicator, High beam indicator, Battery charge indicator, Low oil pressure indicator, Low fuel indicator, High temp. Indicator, Front weight frame, Swinging draw bar

## OPTIONAL EQUIPMENT

ROPS, front weights and rear wheel weights, Sun canopy

## ENGINE & DRIVE

**Make/Type:** Simpson S443, till 4 Stroke inline water cooled direct injection, Diesel engine

**Cylinders:** 4-Cylinders

**Bore/Stroke:** 91.41127mm

**Cubic capacity:** 3.33 Litres

**Air cleaner:** Oil bath

**Cooling:** Pressurised water cooling

**Starting aid:** Thermostart

**Fuel injection pump:** MICO Inline pump

**Rated engine HP:** 59HP @ 2 300rpm // as per BSAu 141 a 1971

## ELECTRICAL

**Battery:** 12V, 80Ah, Maintenance free

**Alternator:** 12V, 36A with 111W111 point

**Starter motor:** Key operated

**Lamps:** 2-Halogen head lamps 60/SSW, 2-Halogen front parking and side indicators SW, 1-Halogen work lamp SSW, Hazard warning system

**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

## FILL UP DATA

**Fuel tank:** 70 Litres

**Engine lub. oil:** 8.5 Litres (sump and lub. oil filters)

**Cooling system:** 10.5 Litres

**Transmission - Hydraulic systems:** 45 Litres

**Hydraulic steering reservoir:** 1.9 Litres

**Air cleaner:** 0.9 Litres

**Fuel injection cambox:** 0.5 Litres

## CLUTCH

**Type:** Dual dry friction

**Driving plate:** Primary 305mm, secondary 254mm

## POWER TAKE OFF

**Type:** Live

**Shaft diameter:** 1 318111 (34.8mm)

**Number of Splines:** 6

**PTO Speed:** 540 @ 1 790Erpm

## TRANSMISSION

Mechanical sliding mesh gearbox with constant mesh gear at the input side and a planetary reduction gear unit at the gearbox output side (8-forward, 2-reverse)

**Final drive:** Crown wheel pinion with differential with hub reduction

## BRAKES

Multiple disc wet brakes operated by pendant pedals acting on the rear wheels simultaneously or independently. The same braking system is used to apply the parking brake

## FRONT AXLE

**Dana AG 65:** 4WD Front axle

## STEERING

**Type:** Hydrostatic steering

## HYDRAULIC SYSTEM

**Type:** MARKIIL 4-Cyl. Scotch Yoke piston pump suctimrainer

**Rated capacity:** 18pm@540 PTO Erpm

**Max. lift capacity:** 2 050kgf @ Horizontal position

## WHEELS & TYRES

**Front:** 9.5 x 24 - 6PR

**Rear:** 16.9 x 28 - 8PR

## WHEEL TRACK

**Front:** 1 422 - 1 829mm

**Rear:** 1 422 - 2 134mm

**Adjustment steps:** 102mm

## DIMENSIONS & WEIGHT

**Overall width:** 2 000mm

**Overall height:** 2 450mm (top of silencer)

**Wheelbase:** 2 030mm

**Min. ground clearance:** 420mm (below gearbox)

**Turning circle radius with brake:** 3 650mm

**Tractor weight:** 2 550kg