AGRI 385-S

HP/kW
85/63.38

2WD & 4WD

AGRI

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AGRI TRACTOR 385-S (2 & 4wd)

85 BS Horsepower 4-wheel drive tractor

PERFORMANCE:

Max. Engine power @ 2,200 rpm	85 hp*
Max. Torque at 1,600 engine rpm	291 Nm
Max. PTO power at 2,200 Engine rpm	70 hp**

*Certified to BS AU 141a
** Manufacturer's Estimate

ENGINE:

Type	Diesel, AGRIPOWER 4.41
No. of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm (5.0 in)
Capacity	4.1
Aspiration	Natural
Compression Ratio	15.3:1
Starting Aid	Thermostart
Throttle Control	Hand and Foot
Cooling	Water
Air Cleaner Type	Oil Bath
Air Pre-Cleaner	Over bonnet air swirl
Fuel Filter	Dual high capacity With sedimentor
Exhaust	Vertical; muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS:

Voltage	12V, Negative Earth
Battery	96 or 110 Ah
Alternator/Starter	45 A/2.8 kW
Light	Head Lights, Side Lights Brake Light, Direction Indicators, Rear Work Lamp
Safety Start	Transmission & PTO
Other	Horn 7 Pin Trailer Socket

CLUTCH:

Type	Dual
Diameter	305x254 mm
Lining Material	Cerametallic

POWER TAKE-OFF:

Type	Live
Operation	Dual clutch, pedal opr.
Speed	540 rev/min
@ Engine Speed	1789 rev/min
Shaft Diameter	35 mm (1.375 in)
No. of Splines	6

WHEELS AND TYRES:

Front	12.4-24 6PR Pressed
Rear	18.4 / 15-30 6PR Pressed
	Optional 13.6-38 6PR Pressed

TRANSMISSION:

8 Speed Sliding Spur 8 Forward, 2 Reverse

Road Speed - At rated engine speed with 18.4/15-30 Rear Tyres

Gear	8 Speed (km/hr)
Forward 1 (first low)	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
Forward 5 (first high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1 (low)	3.5
Reverse 2 (high)	14.1

HYDRAULICS:

Function	Draft , Position & Response Control, Constant pumping
Pump Type	4 Piston, Ferguson pump
Maximum Out put	16.7 liters / min
Maximum pressure	21 MPa (205 bars) at Normal Operating Temperature
Maximum lift capacity with Lower links horizontal	2145 kg with Category 2 Interchangeable ball end, linkage check chain

FRONT AXLE - 4WD (only in 4WD Tractor)

Axle Type	Parallel Drive
Engagement	Mechanical
Steering	Hydrostatic

REAR AXLE & BRAKES:

Axle Type	Straddle with epicyclic Reduction
Brake Type	Oil immersed, Multi-Disc
Actuation	Hydraulic
Brake Pedal	Pendant
Brakes Area	1,774 Sq. cm.
Parking Brake	Hand Lever Operated
Diffrential Lock	Mechanical

CAPACITIES:

Fuel Tank	108 lit
Engine Sump	7.5 lit
Air Cleaner Oil Bath	0.7 lit
Cooling System	15.2 lit
Hydraulic System	47.4 lit
Power Steering Reservior	2 lit
4WD Front Axle Differential	5.6 lit
Hub each Side	1 lit

TRACK ADJUSTMENT:

Front Axle	1376 - 1944 mm
Rear Axle	1423 - 2134 mm

INSTRUMENTATION:

Gauges	Tachometer, Hourmeter, Fuel lever, Water Temperature & Battery Level
Warning Lights	Direction Indicators Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Auxiliary Socket 4WD Indication Lights

WEIGHT & DIMENSIONS:

Weight with full fuel, Oil and Water

Weight - Total	3011 kg
Weight - Front	1429 kg
Weight - Rear	1582 kg

Dimensions

Length - Overall	3810 mm
Width - minimum	1871 mm
Height - over exhaust	2485 mm
- over steering wheel	1781 mm
Wheel Base	2350 mm
Turning Circle	
- Without Brakes	8518 mm
Ground Clearance	
- Under Gearbox	501 mm
- Under 4WD Front Axle	395 mm

Seat	Cushioned or Spring Suspension
Fenders	Flat Top

STANDARD EQUIPMENT:

Weight Frame with Quick Attach Front Weights
Tool Box with Spanner Set
Sun Canopy ROPS Style
Swinging Draw Bar
Top Link and its Ends
Cat-2 Balls
Check Chains & Chain Stablisers
Spring Suspension Seat
Hydraulic Independent Controls
Service "Fieldkit" and Operator's Manual

OPTIONAL EQUIPMENT / ACCESSORIES:

Cabin (A/C Non-A/C), 9-Hole Draw Bar, Pintle Hook, Auto Hitch, External Electric Switch PTO Belt Pulley, International Warranty Tool Kit

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