

AGRI

390-S

HP/kW
88/65.6



IDEAL FOR ALL PURPOSE, QUALITY, RELIABILITY, AND COST EFFECTIVITY, SUPPORT



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AGRI TRACTOR 390-S (2wd)

88 BS Horsepower 2-wheel drive tractor

PERFORMANCE:

Max. Engine power @ 2,200 rpm	88 hp*
Max. Torque @ 1,400 rpm	291 Nm
Max. PTO power @ Rated Engine rpm	72 hp**

*Certified to BS AU 141a
** Manufacture's estimate

ENGINE:

Model	AGRIPOWER 4.41-A
No. of Cylinders/Type	4, Diesel
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
Exhaust	Vertical; Muffler Under Bonnet
Oil Cooler	Water Cooled

ELECTRICS:

Voltage	12V, Negative Earth
Battery	110 or 96 Ah
Alternator/Starter	45 Amp/2.8 KW
	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 7.50-16 (6PR)	7.50-16 6PR Pressed
Rear 18.4 / 15-30 (6PR)	18.4 / 15-30 6PR Pressd
	Optional 13.6-38 10PR Pressed

TRANSMISSION:

Type: Sliding Spur
8 Speed Sliding Spur 8 Forward, 2 Reverse

12 Speed Gear Box (Optional)
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 Control, Position Control, Response Control, Constant Pumping
Pump Type	4 Piston, Ferguson Pump
Maximum Oil Flow	16.7 liters / min
Maximum pressure	21 MPa at normal operating temperature

Maximum Lift Capacity with Lower Links	2300 kg with Cat 2, Interchangeable
Horizontal	Ball end, Linkage Check Chain at Lower Links

FRONT AXLE:

Type	Adjustable
Steering	Manual or Hydrostatic

REAR AXLE & BRAKES:

Axle Type	Straddle with epicyclic Reduction
Brake Type	Oil immersed, Multi-Disc
Actuation	Hydraulic
Brake Pedal	Pendant
Brakes Area	1774 Sq. cm.
Parking Brake	Hand Lever Operated
Differential Lock	Mechanical

CAPACITIES:

Fuel Tank	108.0 lit
Engine Sump	7.5 lit
Cooling System	15.2 lit
Hydraulic System	40.0 lit
Hydrostatic Steering Reservoir	2 lit
Oil Bath Air Cleaner	0.7 lit

TRACK ADJUSTMENT:

Front Axle	1271 - 1881 mm
Rear Axle	1423 - 2134 mm

INSTRUMENTATION:

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

WEIGHTS & DIMENSIONS:

Weight with full fuel, Oil and Water	
Weight - Total	2560 Kg

Dimensions	
Length - Overall	3890 mm
Width - minimum	1871 mm
Height - over exhaust	2485 mm
- over steering wheel	1781 mm

Wheel base	2286mm
Turning Circle	
- Without Brakes	7610 mm

Ground Clearance	501 mm
Under Gearbox	

OPERATOR AREA:

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 Stabilisers
Spring Suspension Seat
Hydraulic Independent Controls
Service "Fieldkit" and Operator's Manual

OPTIONAL EQUIPMENT:

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

Note: Agri Tractors & Equipments Co., reserves rights to change specification without prior notice.

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