

NEW

JAYO

J100



India's
First **100hp** Tractor

POWERED BY
TATA ENGINE



ENGINE

Model	TATA 497 Turbo
No.of.Cylinders	4
Type	Water Cooled , DI , TCIC
Displacement (cc)	3783
Engine RPM	2300
Bore/Stroke (mm)	97/128
Power (Hp@rpm)	100@2000
Max.Torque (N-m)	370@1600-1300
Fuel Feed	Direct Injection
Fuel Injection Pump	Inline, (Make-Bosch)
Air Cleaner	Dry Type
Emission Standard	BS-III

CLUTCH

Type	Dry Type
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TRANSMISSION

Type	Constant Mesh
No.of.Speeds	12 Forward & 4 Reverse
Gear Box	4 x (2 +1) x 2
Final Drive	Planetary Reduction
Drive	4WD

MAX. ROAD SPEEDS

Forward	2.0,3.69,5.80,8.00, 10.00,15.6,25.0,34
Reverse	3.10,4.80,7.70,and 10.80

PTO

Type	Rear
Speed	6-35 Rectangular Spline, 540 / 1000rpm

HYDRAULICS

Lifting Capacity	2.5 tones
Type	Category II

Hydraulic Pump Operates With BOSCH
EHR - Electronic Hitch Control System

BRAKES

Type	Oil Immersed Multiple Disc
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STEERING

Type	Hydrostatic Power Steering (Make - Danfoss)
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TYRES

Front	13.6 x 24
Rear	16.9 x 38

ELECTRICAL

Battery	80AH
Alternator	135Amp, 12 V

WEIGHT (Kgs)

Front Weight	1400
Rear Weight	2500
Total Weight	3900

CAPACITY (ltrs.)

Fuel Tank	135
Transmission	50
Hydraulics	55

OVERALL DIMENSIONS (mm)

Length	3500
Width	2250
Height	3000
Wheel Base	2540
Front Wheel Track	1750
Rear Wheel Track	1650
Min. Ground Clearance	430

JAYO

FARM & EARTH MOVING DIVISION



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