

powerful 11 B.H.P. engine



Fieldmarshal[®]
Product

NEW ERA IN AUTOMOBILE

CNG AUTO RICKSHAW 5+1
The True Companion for your
Transportation Business
PAL - CNG 3 Wheeler Auto





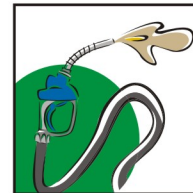
POWERFUL ENGINE

'PAL' comes with a powerful engine. It gives better pickup & speed.



LOWER MAINTENANCE

'PAL' 3-wheelers are made from Genuine Components which makes the minimum maintenance cost in the vehicle.



MORE MILEAGE / SAVE FUEL

'PAL' give a very good fuel average of 25* Kms per Liter Petrol / 50* Kms per Kg. and saves fuel and money.

TECHNICAL SPECIFICATIONS

LGA 340 ENGINE FEATURES

Type	Single Cylinder, 4 Stroke Petrol Engine, OHC.
Bore/Stroke, mm	82 mm / 64 mm
Displacement	338 cc.
Max. Power	6.3kw @ 4400 RPM
Max. Torque	20 Nm @ 3200 RPM
Air Cleaner	Dry Type
Oil Filter	Spinon
Oil Quantity	1.7 Ltr.
Cooling System	Forced Air Cooled

Transmission

Type	Constant mesh, Mechanical Selective.
No. of Gears	4 Forward and 1 Reverse
Gear Ratios	1st 5 : 1, 2nd 2.93 : 1, 3rd 1.84 : 1, 4th 1.12 : 1
Clutch	Multiple Wet Type
Front Axle	Bolted Axle on leading Links
Rear Axle	Fully Floating Axle Shaft
Steering	Handle Bar

Suspension

Front	Trailing Link with Hydraulic Shock Absorber
Rear	2 Nos. Semi Elliptical Leaf Spring with Hydraulic Shock Absorber

Tyres	4.50 - 10 - 8 pr.
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OIL BRAKE

'PAL' 3-wheelers available with the Oil brake system. It gives more perfection & there is no need to adjust the brakes every now and then.



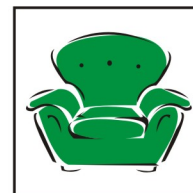
RECTANGULAR TUBE CHASSIS FRAME

This makes 'PAL' 3-wheeler very unique in it's category. This makes the vehicle more strong & sturdy in extreme loading conditions & give more durability to the vehicle.



AERO-DYNAMIC DESIGN

'PAL' 3-wheelers having an aero-dynamic shape makes the vehicle look better compared to other vehicles. People always prefer to sit on good looking vehicle.



MORE COMFORTABLE

'PAL' 3-wheelers having less Vibration & Noise. The sitting arrangement leg room & space for Driver and Passenger are more comfortable.

Brakes

Service Brake	Antidive All Three Wheels Hydraulic Self Adjusting Brakes with T.M.C.
Front	Drum Brake
Rear	Drum Brake
Parking Brake	Mechanical on Rear Brake

Electrical System

System Voltage	12 V
Battery	12 V 35 Ah Multi Plate Lead Acid Motorized

Fuel Tank

Petrol	3 Ltr.
CNG	5 Kg. @ 200 Bar, 15° Centigrade

Wheel Base

2000 mm

Wheel Track

1100 mm

Minimum Ground Clearance

160 mm

Gvw

975 Kg.

Payload

500 Kg.

Overall Dimensions

Overall Width	1300 mm
Overall Length	3000 mm
Overall Height	1900 mm

Cargo Area

Pick Std.	1500 x 1200 x 300
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* As per Standard Test Conditions.

Due to Constant Improvement Policy, Specifications are subject to change

Mfr. and Exporter of 3 wheelers

P A N C H N A T H
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