

PUCH M125 SPECIFICATION

Engine

Type:	Piston-port two-stroke single
Bore and Stroke:	55mm x 52mm
Displacement:	123.5cc (7.53cu. in.)
Max. Output:	12 bhp @ 7000 rpm
Max. Torque:	9.1 ft/lb (1.25 mkp) @ 6700 rpm
Compression Ratio:	10:1
Weight:	24 kg (52.95 lb)

Carburettor (M125 and M125S - UK and Sears)

Type:	Bing 2/26/64 (replaces 2/26/59)
Main Jet:	120
Idle Jet:	30
Needle Jet:	1208
Idle Air Screw:	1.5 outwards from fully screwed in.
Needle Position:	3 rd groove from top.

For other model details see 'Carburettor Tuning – Puch Service Bulletin No. 57' and Puch Spare Parts List 3, page 41.

Fuel tank capacity: 13 litres (2.85 Imp. gals / 3.0 US gals)

Fuel consumption: 74 miles/Imp. gal; 62 miles/US gal; 3.8 l/100km

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<u>Electrical:</u>	6V, flywheel magneto ignition.
Breaker point gap:	0.4 - 0.46 mm (0.0157 - 0.0189 in)
Break of magnetic flux:	22 - 25 mm (0.866 - 0.984 in)
Ignition timing:	2.5 - 2.9 mm (0.098 - 0.114 in) in advance of TDC.
Spark plug gap:	0.4 - 0.5 mm (0.0157 - 0.0196 in)

Type A - without ignition lock

Headlight:	6V 30/30 W
Stop and tail light:	6V 18/5 W
Main beam light:	6V 0.6 W
Speedometer light:	6V 0.6W

Type B - with ignition lock, battery and parking lights

Battery:	6 Volt 6.7 Ah
Headlight bulb:	6V 35/35 W
City parking light:	6V 1.5 W
Control bulb:	24 V 2W
Fuse for rectifier:	1A

Type C - equal to Type B plus direction indicators

Fuse on ignition lock for indicators:	4A
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Oil filling capacities:

Gearbox: New filling - 600 cc (1.06 pints; 1.25 US pints)

Oil change - 550 cc (approx.)

Oil type: Non-detergent engine oil only.

Summer (over 15° C / 59° F) SAE 40 or 50.

Winter (below 0° C / 32°F) SAE 20 or 30.

Front fork: 135 cc shock absorber oil (SAE 5W) each leg.

Rear shock absorber: 55 cc shock absorber oil (SAE 5W) each.

Dimensions:

Overall length: 1880 mm (74 in)

Overall width: 610 mm (24 in)

Overall height: 980 mm (38.6 in)

Wheelbase: 1230 mm (48.4 in)

Ground clearance: 190 mm (7.6 in)

Weight (dry): 90 kg (198 lb)

Tyres:

Front: 2.50 – 17 Rear: 3.00 – 17

Pressures (front and rear):

Solo: 25 lb/in² (1.75 Bar)

With pillion passenger: 35 lb/in² (2.5 Bar)