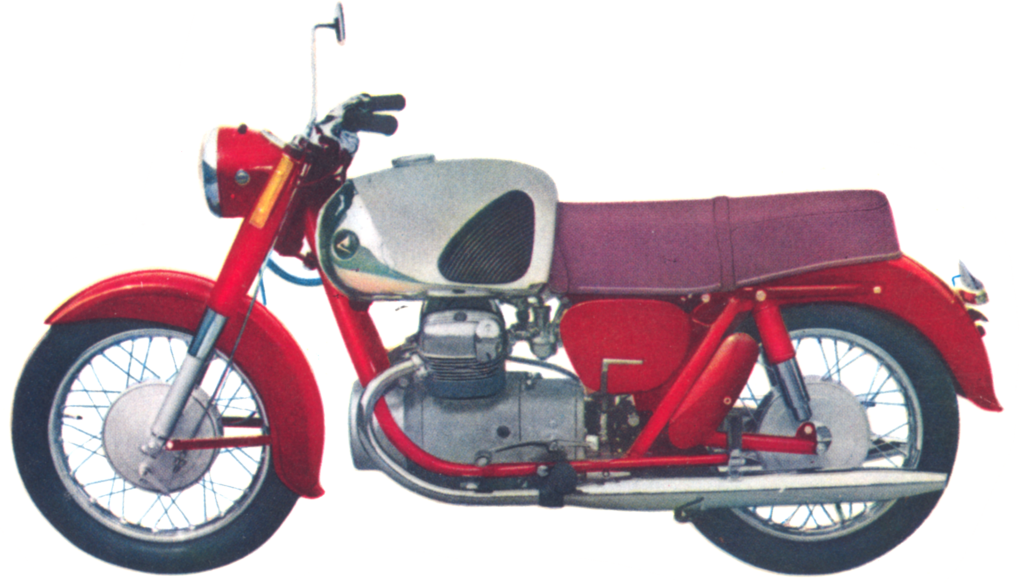


# LILAC

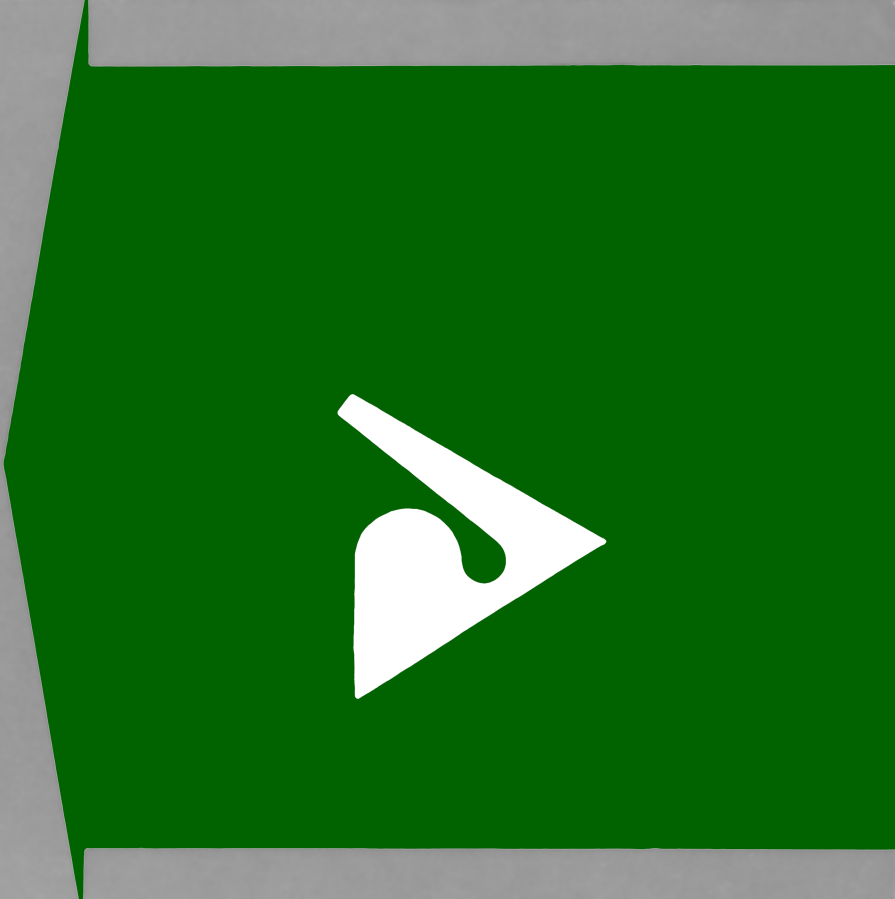
MODEL **LS-18**  
250 c.c.



The above specification may differ with or without notice

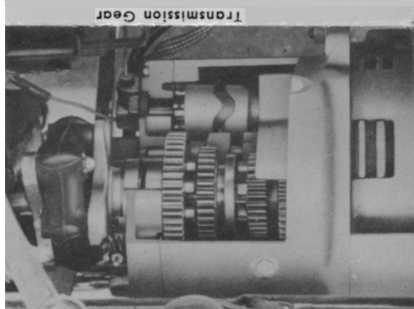
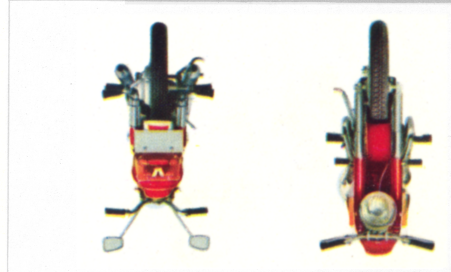
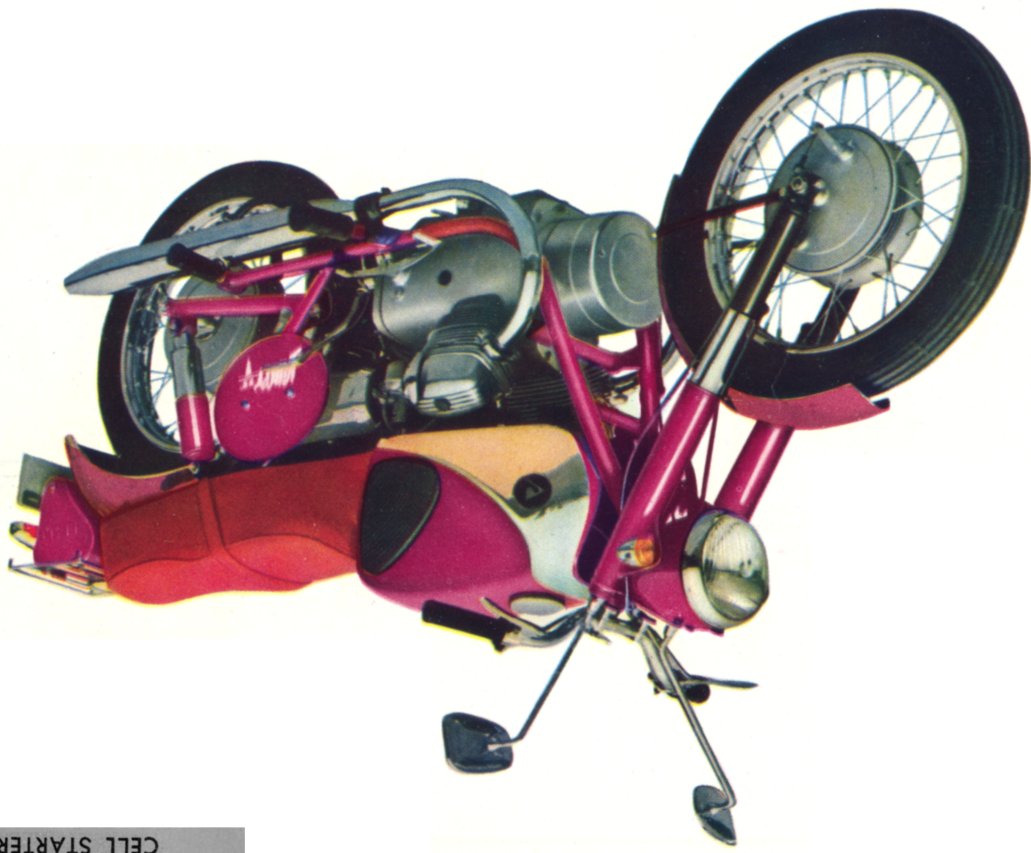
MODEL	O. H. V.	O. H. V.	O. H. V.
CS - 28 (CS - 29)	LS - 18	MF - 39	
Number of Cylinder	2	2	2
Bore x Stroke	44mm x 41 mm x 2	54 mm x 54 mm x 2	54 mm x 63 mm x 2
Cylinder Capacity	125 c.c. (150 c.c.)	250 c.c.	300 c.c.
Compression Ratio	82:1	78:1	82:1
Engine B. H. P.	10.4 hp./8000 r.p.m.	18.5 hp./7500 r.p.m.	23.5 hp./7800 :p.m.
Gear Ratio	5.61	5.43	4.56
Low	3.63	3.95	2.78
2nd	2.74	2.22	2.09
3rd	2.07	1.69	1.59
Top	110 km/h (120 km/h)	130 km/h	145 km/h
Max. Speed	55 km/liter	50 km/liter	45 km/liter
Fuel Consumption	160 mm	180 mm	150 mm
Road Clearance	1940 mm	2030 mm	2050 mm
Total length	650 mm	770 mm	645 mm
Total Width	920 mm	1000 mm	990 mm
Total Height	1300 mm	1350 mm	1350 mm
Wheel Base	126 kg	165 kg	160 kg
Net Weight	170 kg	210 kg	220 kg
Gross Weight	1.2 liter	1.6 liter	1.2 liter
Oil Capacity			

TECHNICAL INFORMATION



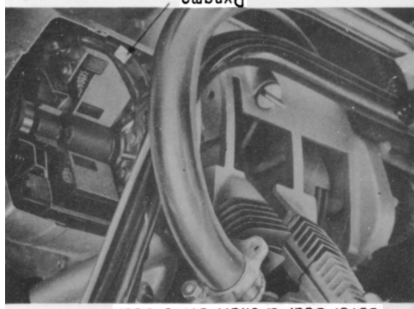
*side 1*  
*we do not have the bottom panel*

**LILAC**  
**MODEL MF-39**  
**300 c.c.**



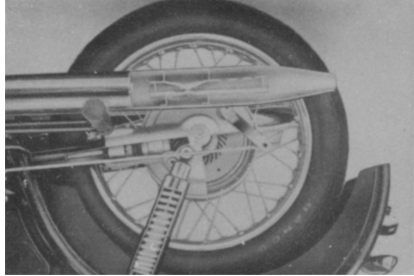
**COMFORTABLE AND SAFE DRIVING**

Just trust on the transmission-gear- lamp and the charge-lamp, (both are on the cover of head-light).  
 And then most safety and pleasant drive will be yours.



**CONVENIENT SPECIAL GASOLINE COCK**

This cock is inscribed the special mark.  
 "0"..... Stop-mark for gasoline  
 "1"..... Open-mark for gasoline  
 When gasoline cock is showing the position "1", and you have used up gasoline. You may just turn the cock's arrow to mark position 2 (turn clock-wise).  
 The remaining of about 1.2 liter of Gasoline will work for you.



**SHAFT-GEARED DRIVE CELL STARTER**

LILAC encloses unique and initiative Shaft-Geared Drive.  
 With up-to-date mechanism and top design.  
 Cell-Motor equipping LILAC appeared in the market since 1954. And our incessant efforts made us possible to bring to you magnificent Cell-Dynamo in LILAC\*  
 Cell-Button is fitted on the right handle near Accelerate Grip. You can easily start the Engine by pressing the button slightly without moving from the seat.

**POWERFUL V-TWIN ENGINE**

LILAC has original-and-powerful V-twin-Engine, of 4-stroke and 2-Cylinder. Having high cooling effect, the aluminum cylinder heads elevated their hitherto Horse power greatly.  
 The Gear-Pump will do their part of supplying oil balancedly so as made the oil circulates smoothly in the Internal-Combustion Engine.

**STURDY BODY**

Steel made pipe-frame will prove its high solidity and assure you of comfortable and wonderful driving on any roads.

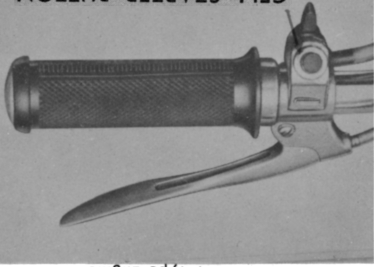
**CONVENIENT SPECIAL GASOLINE COCK**

This cock is inscribed the special mark.  
 "0"..... Stop-mark for gasoline  
 "1"..... Open-mark for gasoline  
 When gasoline cock is showing the position "1", and you have used up gasoline. You may just turn the cock's arrow to mark position 2 (turn clock-wise).  
 The remaining of about 1.2 liter of Gasoline will work for you.

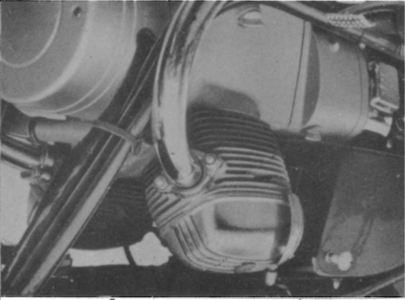
**COMFORTABLE AND SAFE DRIVING**

Just trust on the transmission-gear- lamp and the charge-lamp, (both are on the cover of head-light).  
 And then most safety and pleasant drive will be yours.

**CELL STARTER BUTTON**



**V-type Engine**



**Speed Meter & Head Light**



**side 2**

**we do not have the top panel**

**this side was originally printed upside down**

**to view this page in Adobe Reader, select menu item 'View', then 'Rotate', then 'Clockwise' (twice)**