

MAY 10, 1957

TECHNICAL DATA AND SPECIFICATIONS PERTAINING TO THE
1957 MATCHLESS G80R DIRT TRACK RACING MODEL.

BORE-----	86 MM
STROKE-----	85.5 MM
CAPACITY-----	497 CC
COMPRESSION RATIO-----	8.9-1
CARBURETOR-----	1 3/8" AMAL G.P.
MAIN JET-----	#320
SLIDE-----	#4
NEEDLE POSITION-----	4TH NOTCH
AIR JET-----	.125
IGNITION TIMING-----	39° BTDC
VALVE TIMING-----	
INLET OPENS.....	59° BTDC
INLET CLOSES.....	69° ABDC
EXHAUST OPENS.....	74° BBDC
EXHAUST CLOSES.....	48° ATDC
TAPPET CLEARANCE-----	NIL
EXHAUST PIPE CAPACITY-----	1570 CC
WEIGHT DRY-----	260 LB.

NOTE:

MAXIMUM B.H.P. IS OBTAINED AT 6250 R.P.M.

COOPER MOTORS
5832 S. BROADWAY
LOS ANGELES, CALIF.