

A Smart Solution For The Road Infrastructure

ASHOK LEYLAND
ENGINE

101 H.P

4x4
MOTOR GRADER

BSI ✓



Concept Machine for Small, Medium & Big Road Construction with Higher Productivity in Class...



OPTIONAL FITMENT POWERFUL 5 TYPE RIPPER

Height Above Ground	:	420 mm
Digging Depth	:	250 mm
No. of Ribber Shank	:	05 Nos.
Ripper Length	:	1720 mm

OPTIONAL FITMENT FRONT END DOZER

Dozer Width	:	720 mm
Dozer Length	:	2050 mm





Raw Material Spreading & Grading
Productivity : Approx 95cu.m/hr

4x4 MOTOR GRADER



Roadking MG-5 Special design make it special to give precise finishing.

SEC - RJMT 4 X 4
Motor Grader
Make Road
Construction Easy.



ENGINE

Ashok Leyland H4C410122 Four Cylinder, Turbocharged Intercooled, Water Cooled, Diesel Engine BS-IV.
Displacement : 3840 cc. **Bore x Stock** : 104 x 113.
 Fuel Efficient, Reliable, Economical & Proven Diesel Engine.
 Easy To Maintain & Service.
Gross Power : 101HP (74kw)@ 2200 RPM.
Max. Torque : 450Nm @1400 +/-100 RPM.

TRANSMISSION

4wd Synchronmesh Transmission with Reverse & Forward shuttle.

AXLE

Front Axle : Steer axle with 16° oscillation for max. ground contact.
Middle Axle : Drive axle, Centered pivoted oscillation axle.
Rear Axle : Drive axle, Rigid type.

HYDRAULICS

Operated with Independent Hydraulic Operating System.
 Pump Flow Capacity : 37 + 10.8 cc/rev.

STEERING

Hydraulic Power Steering.

ELECTRICAL SYSTEM

- 12V System.
- Low maintenance heavy duty battery 130 AH rating.
- Alternator 12 V, 65 Amp.

TYRE

Heavy Duty Tyre : 14.9 x 24 - 12PR.

BRAKES

Service Brake : Foot operated hydraulically actuated oil immersed disc brake in middle Axle.

Parking Brake: Leaver operated oil immersed disc brake in middle Axle.

WEIGHT & TURNING CIRCLE

Minimum Turning Radius : 11.75 m.
 Gross Vehicle Weight : 8540 kg approx.
 RAW/MAW : 6270 kg.
 FAW : 2270 kg.

SERVICE CAPACITY

Hydraulic Tank : 80 Ltr. @1500hrs.
 Fuel Tank : 90 Ltr.
 Engine Oil : 9.5 Ltr. @500 hrs.
 Transmission : 16 Ltr. @1000hrs.
 Middle or Rear Axle : 14.5+1.5+1.5@1000hrs.

SPEED

Gear	1 st	2 nd	3 rd	4 th
Forward (km/hr)	4.1	7.0	15.2	31
Reverse (km/hr)	5.0	8.7		

DELUXE CANOPY

- Minimum obstacle in sight give all round excellent visibility.
- Fully adjustable seat for full comfort, long and productive working conditions.
- Excellent control of steering, accelerator, hyd. controls & brakes give less fatigue.
- Front windshield protect operator from rain and dust, give all round safety to operator.
- Canopy consist of two large rear view mirror, wiper toolbox, clear tell tales & attractive dashboard.

MOLDBOARD

Moldboard Size : 510 x 2800 mm
 Blade Tip Range : 35° Forward 5° Backward
 Max. Shoulder Reach : 880mm Right Side 880mm Left Side
 Outside of Tyre
 Circle Rotation Angle : 50° on each side by hydraulic motor with unique reduction gear box.
 Blade Vertical : Upward & Downward movement with 3 cylinder arrangement.
 Max. Depth of Cut : 310 mm

DIMENSIONS

Track Width Rear, A	1700 mm	Overall Width, B	2120 mm
Blade Length, C	2800 mm	Total Length, D	8460 mm
Wheel Base, E	5500 mm	Rear Overhang, F	2330 mm
Rear Wheels Distance, G	2200 mm	Total Height, H	3035 mm
Distance from front wheel to middle wheel, J	4310 mm	Front Overhang, K	680 mm
Blade Lift, M	360 mm	Distance of Blade Tip, N	2100 mm
Front Axle Clearance	540 mm		

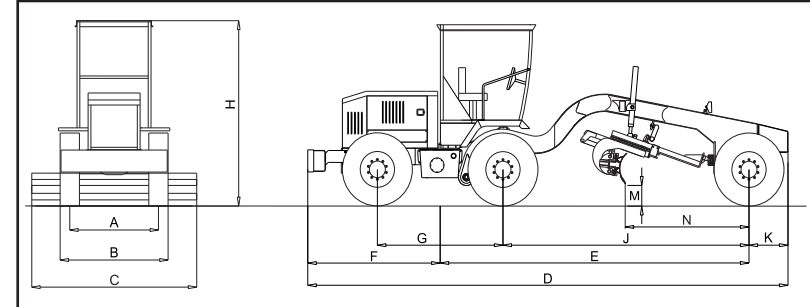
SEC-RJMT SALES | SERVICE | PARTS

SEC-RJMT
Genuine Parts

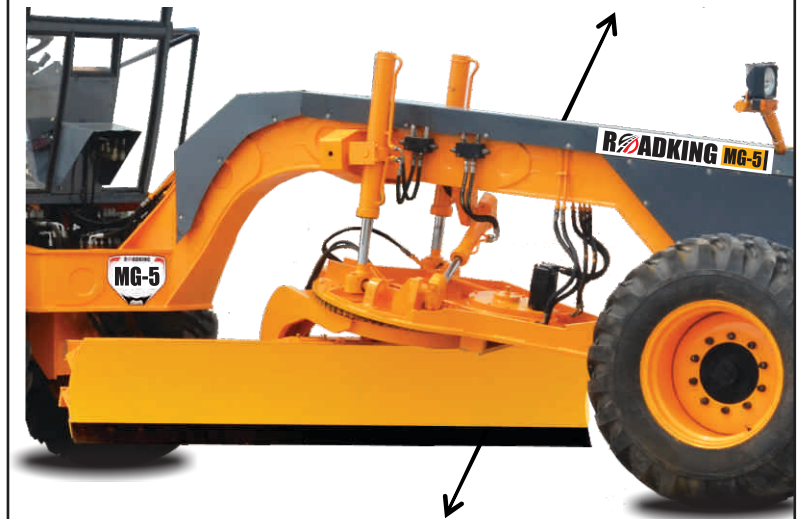
SEC-RJMT
Attachments

SEC-RJMT
Lubricant

SEC-RJMT
Genuine Service



Long life hydraulic system - All Hydraulic Steel Pipe Line are protected by the Steel Cover.



50° Blade Rotation on each side by Hydraulic Motor with New Unique Reduction Gear Box.



SEC-RJMT ENGINEERING PVT. LTD.

Plot No. 2, Pyala Road, Opp. - Shiv Mandir, Vill : Seekri, Mathura Road
 Ballabgarh - 121004. Faridabad. (HR).

All information are of general nature only (Variable ± 2%). We reserve the right to change specification without any prior notice.

Auth. Dealer Stamp