



UNIVERSAL

Universal Machines & Spares Co.



ROADMAC

SOIL STABILISER/ RECLAIMER MACHINES

ROADMAC

The Machines for Soil Stabilisation & cold Recycling in Rehabilitation and Upgradation of Roads By Universal Machines & Spares Company.

- ◆ When the road surface condition becomes poor, Rehabilitation work is needed to restore the pavement surface to the required level of service.
- ◆ Full Depth Reclamation of Asphalt pavement is the involves recycling of the existing distressed bituminous layers of an existing pavement along with the predetermined thickness of the underlying granular WBM, WMM and GSB.
- ◆ Universal Machines & Spares Company. Ltd brings the high performance machines for soil stabilization and FDR.





ROADMAC CR 600

Self Propelled Soil
Stabilizer Reclaimer
600 HP 2.3 Meter
Wide Drum

Working Width	2300mm
Working Depth	400mm
Engine	Cummins
Model	KTA-19-C 600
Rated Power	448 KW/ 600HP
Working Speed	0-03 Km/Hr
Travelling Speed	0-22 Km/Hr
Ground Clearance	534mm
Working Weight	26000 Kgs
Rotor Diameter	1300mm
Dimensions (LxWxH)	8505x3100x3160
Fuel Tank	900 L
Hydraulic Tank	334 L
Electric System	24 Volts
Drum Drive	High Torque Hydrostatic 3 speed
Tyre Size	23.5-25 L-2
Injection System	Water/ Emulsion 400 GPM

ROADMAC CR 500

Self Propelled Soil
Stabilizer Reclaimer
500 HP 2.1 Meter
Wide Drum



Working Width	2100mm
Working Depth	400mm
Engine	Cummins
Model	
Rated Power	500 HP
Working Speed	0-03 Km/Hr
Travelling Speed	0-22 Km/Hr
Ground Clearance	
Working Weight	
Rotor Diameter	1300mm
Dimensions (LxWxH)	
Fuel Tank	
Hydraulic Tank	
Electric System	24 Volts
Drum Drive	High Torque Hydrostatic 3 speed
Tyre Size	
Injection System	Water/ Emulsion 400 GPM



ROADMAC CS-20

Automated Binder
cement Spreader
capacity 20 tons

Loading Capacity	20 Tons
Working Width	0-2.4 meter
Connector Hose	4 inches Both Sides
Load Cell	4 load Cells on the chassis
Spread Rate	2-50 Kg per Sqm
Camera	On the rear top for overall view
Spreading Rotor	Automatic/ Manual
Hydraulic Power	75L per minute 300 Bar
Hydraulic Tank	120 L
Electric System	24 Volts
Control System	
Speed Sensor	Mounted on Wheels
Empty Weight	4900 Kgs
PTO Torque	370 Nm
Wheel Base Required	4275mm-4600mm
Chassis Operational Weight	28 Tons
Chassis Engine Power	Minimum 260 Hp
Chassis Transmission	9 Speed Gear Box with PTO pump

ROADMAC SR 2300

PAD FOOT ROLLER
Operating weight
23 Tons



Operating Mass	23000 Kgs
Static Linear Load	560 N/cm
Vibration Amplitude	1.9/0.95mm
Vibration Frequency	28/35 Hz
Centrifugal Force	410/300 kN
Travel Speed	11Km/Hr
Grade Ability	30%
Turning Radius	7500mm
Overall Dimension	6665x2340x3250
Vibration Round Width	2130mm
Wheelbase	3500mm
Engine	Cummins
Model	6BTA
Engine Power	140 KW
Cabin	Air Conditioned



ROADMAC PR 1600

Pneumatic Tire
Roller BALLAST
WEIGHT 16 TONS

Operating Wt. Unballasted/ Ballast	10,000-16,000 Kgs
Max. Travel Speed	15 Km/hr
Tire Front & Back	4+5
Minimum Turning Radius	7500mm
Gradeability	30%
Overall Dimension	4780x2100x3200mm
Wheel Base	3700mm
Engine	Cummins
Model	6 BTA 5.9
Power	90 KW
Cabin	Air Conditioned



ROADHOG RH 60275

ROADHOG PORTABLE SOIL
STABILIZER/ RECLAIMER

Cutting Width	1500mm
Cutting Depth	300mm
Engine	CAT C7.1 T4 275 HP
Loader Required	5 Tons
Tip Load at Full Turn required	8500 Kgs
Drum Diameter	32 Inches

ROADMAC CS-6

ROADMAC CS-6 COMPACT
CEMENT- BINDER SPREADER

Tractor Requirement	55 HP
Spreading Width	0-2.4 meter
Spreading gates	3
Spreading Operation	Hydraulic
Connector Hose	4 inch
Spreading Control	PLC Controlled



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