Specifications RaynMaker

RaynMaker	RM-2KG	RM-3KGX
Fuel:	Diesel	Diesel
Engine Power	25 HP Kohler Natural Aspiration	42 HP Kubota Turbocharged
Material Capacity:	1,500+ Gallons	1,500+ Gallons
Material Pump:	2” Raynpump	Twin 3” Raynpumps
Fuel Capacity:	8 Gallons	8 Gallons
Application Speeds:	. . . Spray Rate Controlled up to 8 MPH . . .	
Application Width:	. . . Up to 14’ with snap in extensions	
Spray bar tips *Includes both RH and LH extensions*	6 +4	11 +8

Hydraulic Oil Capacity: . . . . . 20 Gallons . . . . . .

Material Suction Filtration: . . . 339 Sq. inches of 3/8” filter face . . . .

Material Pressure Filtration: . . 1620 Sq. inches of 1/8” filter face . . . .

Control Type: . . . . . Remote and Manual . . . . . .

Mounting Style: . . . . . Flat self contained Skid . . . . . .

Dimensions: . . . . . 83” L x 94” W x 55” H (+ the storage tank)

Weight: . . . . . Dependent on Options Requested . . . .

Standard Red

Or Your Choice

The RaynMaker’s built in full-sweep agitator makes modifying sealcoat materials easy. Various latex products, SBS, SBR, tire rubber compounds and additional fine aggregates can be easily added, mixed and applied.

RaynMaker Tank Features:

- **Various storage tank sizes available**
- **1,000 gal (3785 l) to 4,000 gal (15,141 l)**
- **Cradle style tank supports**
- **Tanks are built with ASTM A572 T-1 Hi-Tensile Steel.**
- **Full sweep agitation system**
- **Hydraulic direct drive system NO chains, NO sprockets, NO hassle**
- **Each tank unit is independently framed and mounted on a master sub-frame with an engineered gradient to encourage material flow to the delivery point.**
- **DOT Rollover Protection**

Engine/Tank Options: The RaynMaker is available with multiple engine choices, single or dual pumps, various electronic accessories and a variety of sizes of hydraulic, direct drive, full sweep paddle style agitator tanks. The RaynMaker may be purchased with or without a storage tank.

SMART-OPS: Digital Smart-Ops Control System with GPS - monitors and manages your material flow.

DGS DVBE

RAYNER EQUIPMENT SYSTEMS

9390 Elder Creek Road
Sacramento, CA 95829
RoadSaver.com
1.800.479.9390

Specifications are subject to change without notice.
Equipment is designed and manufactured by Rayner Equipment Systems.
Patents: US 7,802,737 B2, US 8,007,162 B2, and US 8,888,015 B2

V:RM3G217SL

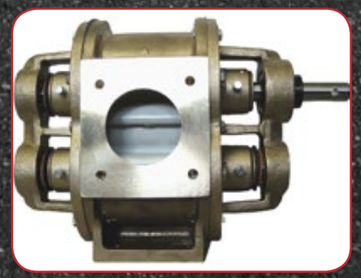
RAYNER EQUIPMENT SYSTEMS

RAYNMAKER IIIG

RAYNER EQUIPMENT SYSTEMS™ · USA

With the computerized RaynMaker Spray System

MADE IN THE U.S.A



DGS DVBE

9390 Elder Creek Rd, Sacramento, CA . RoadSaver.com . CA Lic. 374514 . 1.800.479.9390 . Since 1979

Rayner Equipment Systems is a subsidiary of California Pavement Maintenance Co., Inc.

Performance: DESIGNED WITH THE OPERATOR IN MIND

When not in use, the RaynMaker IIIG stores flat on any level surface.

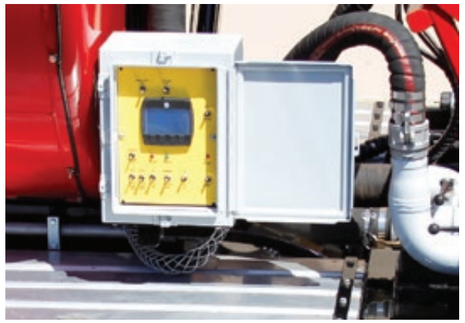
Skid-Mounted and Totally Self-Contained:

- No Hydraulics to hook up
- No Hoses to hook up
- No Electrical to hook up
- No PTO required
- Easy On - Easy Off, stores flat
- Wireless Controls:

Operate From the Truck Or up to 1,500 feet away!

Designed by operators, ***for*** operators, and further refined by engineers; all systems have been optimized to provide the ultimate in reliability, dependability, and ease of operation.

With the precise control necessary, the **RaynMaker IIIG** is the Operator's Choice for comfort and ease of operation. Engineered with 21st Century Technology, heavy duty, top-of-the-line components, solid-state electronics, service after the sale, plus proven return on investment—make the **RaynMaker IIIG** the "Owner's Choice!"



Smart-Ops

- Digital Smart-Ops Control System
- Onboard GPS
- C.A.N. (Control Area Network)
- IP67 rated components
- Monitor/manage material flow
- Ramps material flow to GPS
- Calibration compliant
- Remote and stationary controls
- Remote control up to 1500 foot range

Sealcoat Spray Bar

The Rayner designed and Patented Spray Bar System is revolutionary for the Sealcoat industry.

- 8" diameter Spray bar
- Twin finish filters
- Spray up to 14' in width
- 2 Snap in spray extensions
- Retractable, hydraulic lift system Locks bar in a raised position for travel and storage allowing the RaynMaker unit to be stored on any flat surface.
- Optional Bar hydraulic height adjustment. This feature lets the operator adjust the Spray bar height up or down over a range of 8" for fine tuning the fan width.

Sealcoat Material Filtration

High performance fine aggregate filled emulsion systems require filtration. Oversized stones or other particles can easily clog a spray system. The Rayner Patented Spray Bar System resolves this problem.

- Primary Filter, 339 square inches of 3/8" filter face.
- Secondary system has 1,620 square inches of 1/8" filter face. All filters are easily removable for service and may be back-flushed in place by use of a water hose.

Hydraulic System

- Hydraulic control system
- Hydraulic driven material pump
- Spray bar nozzle control
- Spray bar raise and lower
- Open loop hydraulic piston pump offering higher pressure capabilities, longer life, quieter operation, pressure compensation equaling lower operating costs
- Orbital drive motors
- 20 gal (75.7 l) hydraulic reservoir
- Thermostatically-controlled hydraulic oil cooler
- Pressure compensation allowing the system to adjust volume to maintain a pressure setting.

Maintain a constant delivery rate of sealcoat material per square yard of surface, even while forward delivery speed may vary.

RaynMaker SPRAYSystem

The RaynMaker Spray System gives operators the option to spray sealcoat from the spray bar or up to two hand wands. The entire system is designed to handle heavily filled sealcoat materials.

- Spray bar starts at 8 ft. and can extend to 12 ft.
- Best filtration in the industry through our patented spray bar filters: The primary filter has 952 cubic inches of volume and 339 square inches of filter face, the twin finish filters have 2,118 cubic inches of volume with 1,620 square inches of filter face

- Computer controls keep your application rate consistent despite changes in speed
- All controls are located on the Joystick and Operator Control Panel
- Various nozzle configurations, tip sizes and spray patterns are available

The RaynMaker

Totally self-contained, the RaynMaker has its own diesel engine, storage tank, hydraulics, digital controls, material spread rate computer, pumping system, material filters and spray bar.

Use one of your existing fleet:

- Flatbed or Dump Truck
- Reduces Fleet Inventory
- Installs in Minutes

Material Spray System

The Rayner Patented Spray – Filter system is controlled from the Wireless Remote, the RaynMaker uses positive displacement Rayn pump(s) regulated by the Smart-Ops system. Engineered modifications allow this system to handle fine aggregate filled materials and the toughest of challenges. The RaynMaker material system is also equipped for self-loading of material into the storage tank by through reversible Rayn pump(s). Quick coupling cam lock connections make connecting to your supply source easy and clean.

The spray tips are removable for service and a selection of tips are available for a wide range of materials and applications.