

 **RAYNER**
EQUIPMENT SYSTEMS
AN ETNYRE INTERNATIONAL COMPANY



RAYNMAKER III G

RAYNER EQUIPMENT SYSTEMS™ · USA



INTERNATIONAL

With the computerized
RaynMaker Spray System



9390 Elder Creek Rd., Sacramento, CA . RESRoadSaver.com . 916-381-8066 . Since 1980

Rayner Equipment Systems - Etnyre International Company

Performance: DESIGNED WITH THE OPERATOR IN MIND

- Wireless Controls:
Operate From the Truck Or up to 1,500 feet away!



Smart-Ops

- ARC System Controls
- 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 RES 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.

- 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.

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

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 III G** 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 III G** the "Owner's Choice!"

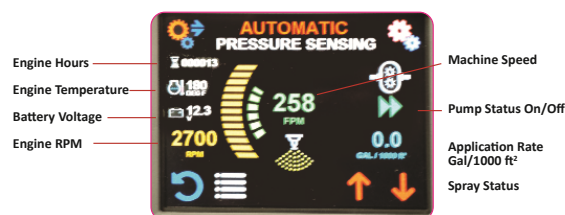
Hydraulic System

- 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.

THE ARC SYSTEM

The Autonomous Rate Control system uses pressure sensing technology allowing for computer control of the spray system application. Once the Application Rate is Selected the calibrated ARC System will then only spray this selected application rate.

- Operator can quickly select the application rate on the Operator's Screen
- Control screen shows a visual machine status, machine speed and spray status



WHY USE THE ARC SYSTEM?

The application rate of sealcoat is critical in doing a great job. If applied too thick or thin it can lead to reduced longevity and premature failure, extended curing times, and even cracking. This can significantly cost both the customer and contractor in wasted material, extra rework time and a loss in business. The ARC system can help eliminate these problems as the operator can select the application rate that is best for the job, whether the existing surface is smooth, rough, or somewhere in between.

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



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



Built for Performance: BUILT FOR LIFE

The RaynMaker

The RaynMaker can be PTO driven or have it's own diesel engine and can be supplied with or without the material tank. The RaynMaker is a valuable tool for high production projects yet versatile enough for all.

Material Spray System

The RES Patented Spray – Filter system is controlled from the Wireless Remote, the RaynMaker uses positive displacement material pump(s) regulated by the ARC 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 material 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.



Specifications RaynMaker

RaynMaker	RM-2KG	RM-3KGX
Fuel:	Diesel	Diesel
Engine Power	PTO or 40+ HP Kubota Turbocharged Diesel	
Material Capacity:	1,500+ Gallons	1,500+ Gallons
Material Pump:	2" Raynpump	Twin 3" Raynpump
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	6 +4	11 +8
<i>Includes both RH and LH extensions</i>		
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 ...	
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 either PTO or side engine drive, 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: ARC Control System with Remote control and GPS to monitor and manage the material flow.



9390 Elder Creek Road
Sacramento, CA 95829
RESRoadSaver.com 916-381-8066