

RAYNER
EQUIPMENT SYSTEMS
AN ETNYRE INTERNATIONAL COMPANY



PAVEMENTSAVER III

RAYNER EQUIPMENT SYSTEMS™ · MADE IN THE USA

With **ARC**



INTERNATIONAL



With computerized **Autonomous Rate Control**

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

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 **PavementSaver III** the “**Owner’s Choice!**”

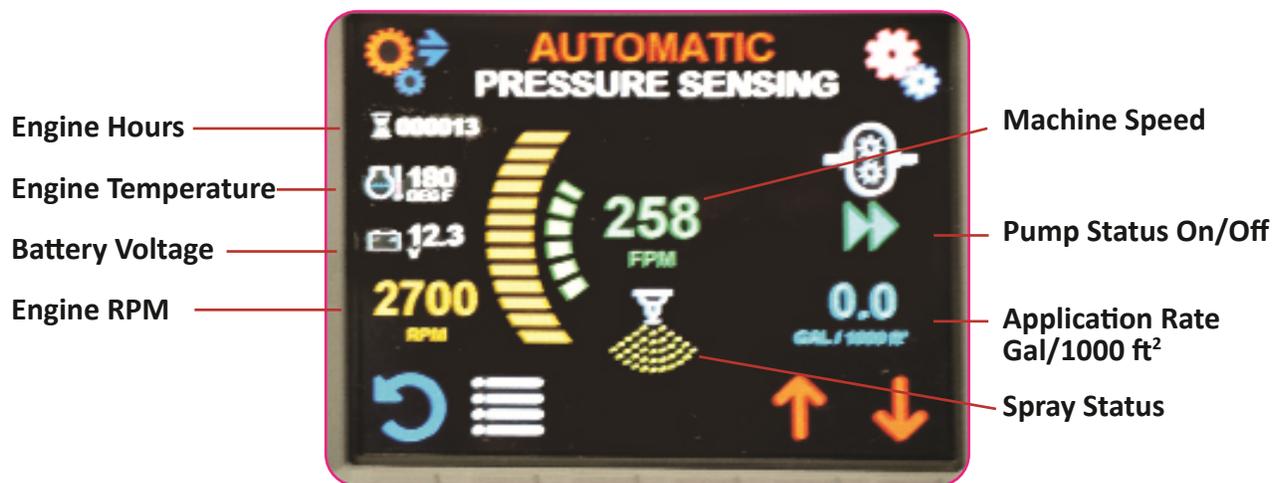
THE ARC SYSTEM

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. The intuitive nature of the system will set the maximum speed of the machine, such that the Operator may simply push the joystick all the way forward and the PavementSaver III will not outrun the set 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.



- Joystick operator controls
- Powerful hydraulic drive components
- Axial piston wheel motors with planetary reduction
Capturing optimum torque
- High performance T-1 steel for the mixer tank, hydraulic and diesel tanks
Tougher, stronger and longer lasting
- Internal wiring protected wherever possible
- Tilt wheel power steering
- Variable speed direct drive hydraulic Agitated Mixer
- Variable speed, full range, hydrostatic drive system

Performance: DESIGNED WITH THE OPERATOR IN MIND

- Easy access operator’s platform
- Adjustable dual axis operator’s seat
- Joystick, intuitive controls
- Tilt wheel power steering
- Variable speed, full range, hydrostatic propel
- Secure dual braking systems drive system
- Anti-slip protection
- Controller Area Network bus system
- Pavement water fogging system
- Full three wheel drive system
- Hydraulic drive system is an independent circuit. *No crossover power loss*
- Fly-by-wire technology allows joystick control over many hydraulic features
- Colored display

Reliability: PROTECTING YOUR BOTTOM LINE

- **49HP Turbocharged Diesel Engine Tier 4 Final Compliant**
- Engineered systems and quality components chosen for longevity, reliability and performance *power to operate continuously under extreme conditions*
- High performance, internationally available hydraulic components used in engineered hydraulic systems
- Heavy duty, oversize, stainless steel, material delivery knife valve *provides full open and a positive close*
- Heavy duty torque hubs, fail-safe brakes with oversized drive motors
- Heavy duty squeegee assembly with powerful hydraulic directional control

RaynMaker SPRAYSystem

The patented 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.
- Pressure sensing technology keeps 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

**Quality & Innovation:
BUILT TO LAST**



PAVEMENTSAVER III
PavementSaver II's Big Brother

The Joystick Control Panel:

- Engine start dashboard
- Open/close switch on joystick
- Speed range selection
- Engine throttle control
- Spray system forward/reverse
- Automatic speed control
- Speed control On/Off dashboard
- Agitator Fast/Neutral/Slow
- Working lights On/Off
- Parking brake On/Off



The Joystick Control

- Material flow Open/Close
- Spreader box Up/Down*
- Spreader box Right/Left*
- Fast/Neutral/Slow
- Water pump On/Off

* Control buttons on Joystick may have additional uses if the RaynMaker option is selected.

Specifications PavementSaver III

PavementSaver III	D-400	D-500
Fuel:	Diesel	Diesel
Engine Power:	49 HP Kubota Turbocharged	49 HP Kubota Turbocharged
Material Capacity:	420+ Gallons	510+ Gallons
Fuel Capacity:	8 Gallons	9.6 Gallons
Ground Drive:	All wheel drive	All wheel drive
Emergency Brakes:	Wet Disks	Wet Disks
Travel Speeds:	High/Low	High/Low
Hydraulic Oil Capacity:	55 Gallons	69 Gallons
Water Capacity:	55 Gallons	69 Gallons
Wheel Base:	91 Inches	103 Inches
Length:	168 Inches	180 Inches
Height:	62 Inches	62 Inches
Width:	75 Inches	75 Inches
Weight:	5,919	6,559
Spray Weight:	500+ lbs	500+ lbs

Available Options:

- RaynMaker Spray system with spray bar and hand wand
- Autonomous Rate Control system, using Pressure Sensing Technology
- Night work lights

Custom features are available. Inventory machines are Rayner Red; options available on custom machines.



Or Your Choice



BUILT FOR PERFORMANCE, BUILT FOR LIFE!

Safety: CONSIDER THESE SAFETY FEATURES

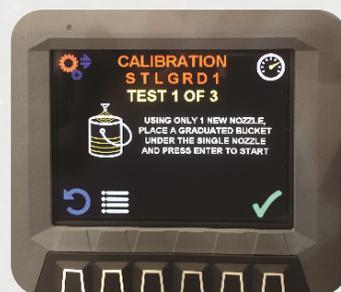
- Dual braking systems, hydrostatic operational brakes and enclosed two wheel wet disc brakes for emergencies and parking
- Operator “dead man” shut down switch
- Anti-slip technology
- Machine will not move unless you are in neutral and in the operator’s seat
- If you leave the operator’s seat, the parking brakes automatically apply
- Fail-safe brakes - If you lose engine power, blow a hose or lose hydraulics, the parking brakes will stop you automatically even on a steep grade
- The fully loaded **PavementSaver III** can safely climb grades – up to 16% higher with the turbo-diesel system
- Hydrostatic braking through the full range of operation
- Full forward to full reverse? If you suddenly move the joystick from full forward to full reverse, machine will buffer the change by slowing the machine before changing direction.

NO COMPROMISES

The PavementSaver III machine will out-run, out-last, out-produce and out-perform all other sealcoat machines. Ask current customers about the PavementSaver III and take a hard look at the machine - then take one for a test drive.



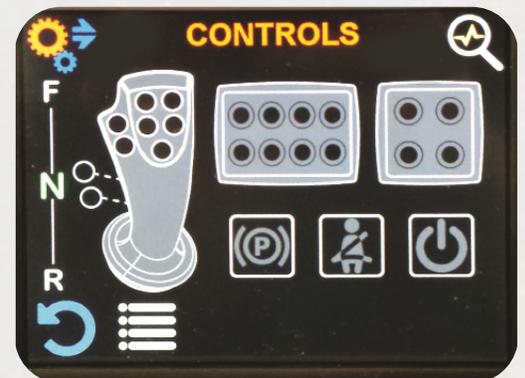
Material Selection
Save up to 4 Predefined Materials



Calibration Screen
Semi-Automatic Calibration

Consider Your Investment:

Breakdowns and poor performance hinder production; the PavementSaver III is designed to minimize down time and to maximize production. Purchase the machine that will continue to bring you returns long after other machines have given up - **The PavementSaver III with the ARC system.**



Diagnostic Screen
Troubleshoot Machine Functions



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Specifications are subject to change without notice.
Equipment is designed and manufactured by Rayner Equipment Systems, AN ETYNRE INTERNATIONAL COMPANY
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