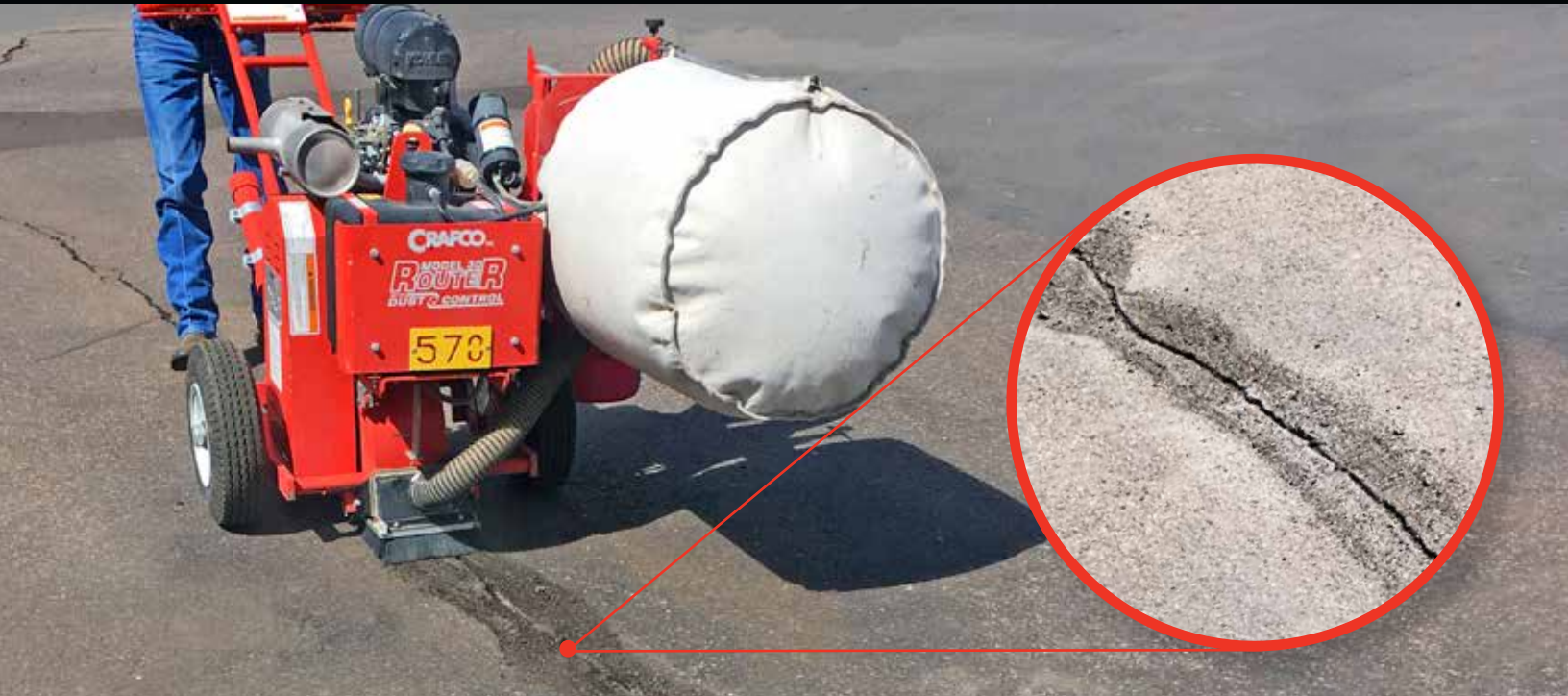


# Pavement Routers

Prepare pavement properly to maximize sealant service life



Virtually no dust when using a Dust Control Router, and fines are kept in a windrow that is easy to vacuum using a Crafcro Crack-Vac.

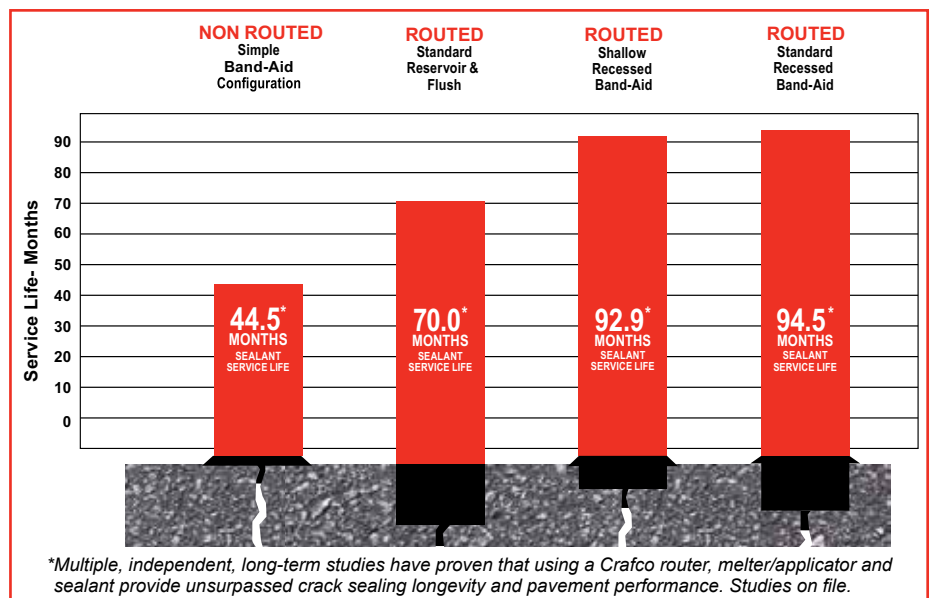
Routing is a vital part of crack sealing. Done properly, routing — in conjunction with using a high-quality Crafcro sealant — has been proven to extend sealant service life to more than 7 years!\*

A crack that is routed provides clean edges and appropriate reservoir depth — two key factors to ensure maximum sealant adhesion and performance. When sealing the crack, the operator has better control by knowing precisely the right amount of sealant to use and the ideal overband application.

## BENEFITS OF ROUTING

Cracks routed and sealed achieve more than twice the service life vs. non-routed and sealed cracks. Technique matters. Per the graphic at right, a routed standard recessed band-aid configuration can achieve 94.5 months sealant service life vs. the simple band-aid configuration.

Select a Crafcro Pavement Router to make the most of your pavement preservation efforts!



# Crafco Pavement Routers

**Routing and sealing in tandem deliver the lowest-cost-with-highest-benefit pavement preservation solution.** The Crafco Pavement Router is the ultimate in reliability, performance, ease of use and maintenance. With a typical production rate of 1,000-2,000 feet (305-610 meters)\* per hour in asphalt pavement, it's the most efficient crack routing machine available and significantly more productive than using a saw. Choose from four configurations, each offering different controls, ergonomic enhancements, and environmental features.



**Crafco Dust Control Routers significantly reduce silica exposure, supporting compliance with OSHA, Action Limits and OELs!**

## Standard Pavement Router

- 17 standard features to maximize productivity.
- Unmatched crack-following accuracy.
- 27HP Kohler engine ideal RPM for smooth cut without bucking.
- Available with and without clutch. (*Without clutch, handle release completely shuts down engine.*)



## Self-Propelled Router

- Roads inevitably have some incline or decline with hills and valleys, and rarely are truly flat. Self-propulsion reduces worker fatigue and increases productivity by working faster.
- Self-propelled action is intended to quickly move the router from crack to crack without having to push or pull. This feature is not used during the actual routing of the pavement
- Self-propulsion is ideal for routing jobs lasting more than 1 to 2 hours.
- Self-propulsion reduces physical strain associated with loading and unloading the router onto a trailer for transport.



## Dust Control Router

- Fugitive dust that would be in the air, is substantially eliminated. The fines are captured and placed in a windrow for easy cleanup using a Crafco Crack-Vac.
- Reduces dust by 96% vs. the standard model by meeting EPA Visible Emissions Standards<sup>1</sup> and emitting only 1.25% average dust opacity.
- Proven through independent testing to keep respirable dust and silica exposures below Occupational Exposure Limits (OELs).
- Improves worker safety by minimizing dust/debris, and providing a clear line-of-sight.
- Extends the life of the air filter and engine.



## Self-Propelled Pavement Router w/Dust Control

- All features on one machine for the most practical, productive, highest-quality router available.
- Units support OSHA compliance; individual needs vary.



**Do you prefer to saw joints or cracks?**

## Pavement Cracksaw

- **Convert your current Crafco Pavement Router\* into a Pavement Cracksaw with our Cracksaw Conversion Kit.**

\*Made to retrofit any Crafco Pavement Router built after 1995.

- Sawing a reservoir, cuts fresh joints or creates defined edges or reservoirs in asphalt or concrete.
- Diamond or abrasive blade (not included) may be used wet or dry. External water source (not included) with a pump or gravity feed would need to be connected to flow water into the system.
- Meets OSHA requirements for dust and silica when used as a wet system.

# Standard Features & Benefits

All Crafcro routers come with 17 standard features that are options on competitor models, making for a cost-effective choice. Top features include:



Ergonomic Handle Design



Carbide-Tipped Rotary Cutters



Carbide Skid Plate



Dual-Stage Air Filter

ROUTER FEATURE	BENEFIT
All welded chassis manufactured from 1/4" (6.3 mm) steel plate	Built-to-last construction that reduces vibration and operator fatigue
27 HP Kohler V-twin gas-powered engine	Provides the power to achieve the effective level of RPMs for a smooth cut without bucking
Typical production of 1,000-2,000 (305 m - 610 m) feet per hour in asphalt pavement*	Most efficient crack routing machine available, and notably more productive than using a saw
Ergonomic handle design; adjustable to operator height	Offers better crack depth control and handling, with less strain on worker
Unique center-of-balance, lightweight mobile design, cutter head alignment and crack-tracking guide	Easier, smoother, stable and safe operation that delivers unsurpassed crack-following accuracy
Routing is completed by six carbide tipped blades cutting up to 2" (50.8 mm) wide	This configuration along with the highest levels of RPMs provides maximum crack cutting performance router with no bucking*
Electric-operated clutch	Stops and starts the cutter-head on demand, supporting worker safety
Electric cutter depth control	Provides precision cutter depth at a push of a finger
Depth indicator plate	Easily shows depth of routed cut
Carbide skid plate	Improves operator control allowing better crack following, smooth and easy operation and acts as a braking mechanism. The carbide skid plate provides longer-life than previous models
Dual-stage air filter	Protects engine from premature internal engine wear caused by dust
Air indicator	Alerts operator when filter maintenance is needed
Belt system	The belt and guard are designed to limit the debris that could get trapped in the system and reduce router life
Electric start, 12v battery and charging system	Provides convenience
Gas tank guard	Helps prevent tank puncture during loading and operation
Premium wheel assemblies with sealed, tapered roller bearings on 1 1/4" (31 mm) axles	Provides greater durability and ease of operation
Stabilizer foot	Enables easier and safer environment while changing cutters on the cutter-head

## Ordering Information

<b>Standard Pavement Router w/ Clutch</b>	Part # 21300
<b>Standard Pavement Router w/out Clutch</b>	Part # 21330
<b>Self-Propelled Router</b>	Part # 21340
<b>Dust Controller Router</b>	Part # 21350
<b>Self-Propelled Pavement Router w/ Dust Control</b>	Part # 21360
<b>Pavement Cracksaw</b>	Part # 20960
<b>Pavement Cracksaw Conversion Kit**</b>	Part # 31350

\* Subject to shaved type cutter use.

\*\*Convert any Crafcro router into a random crack saw in less than one hour. Use with diamond or abrasive saw blade, wet or dry, blade not included. Dust control function is disabled when cracksawing.

## Factors to consider when selecting the type of router for purchase

	STANDARD	DUST CONTROL	SELF-PROPELLED	SELF-PROPELLED w/ DUST CONTROL
Do the roads have any incline/decline?			•	•
Will you be pushing/pulling the router onto a trailer or into a vehicle to move from job to job?			•	•
Will a worker spend 1-2 hours routing in a day?			•	•
Do you want a cleaner working environment?		•		•
Does your area have Air Pollution/Dust Control EPA Visible Emissions Standards?		•		•
Do you want to extend the life of your router engine and air filters?		•		•
Do you want to improve worker safety by exposing them to less dust and flying debris?		•		•
Do you want to improve worker safety by increasing their visibility and line of sight?		•		•
Cut width adjustable to create a reservoir from 3/8" (9.5 mm) to 2" (50.8 mm) wide.	•	•	•	•
Typical production rate of 1,000-2,000 (305 m - 610 m) linear feet per hour in asphalt pavement.*	•	•	•	•

\* Conducted on AC Pavements and is subject to the aggregate that is within the AC Pavement.

### ■ WARRANTY INFORMATION

Crafco, Inc. warrants parts and machinery purchased through Crafco or one of its affiliated distributors for two years from the invoice date. Wear items are not covered under the Crafco, Inc. limited warranty.

### ■ Made in the USA



Delivering Confidence Through Innovation, Quality and Value Since 1976