



LAB
MANUFACTURING

Hot Air Lances

Check Out the Rest - But Buy the Best

LAB Manufacturing-Engineering Combustion Systems for Over a Decade

FLAME FREE

Quick Connect Fittings

Patented "Flame Free"
Combustion System

Stainless Steel Construction

Stainless Steel Burner Tube

Options

Wheel Kit, Debris Guard, Ignition
System and Comfort Grip Handle

Industrial Hose Kit
Abrasion Resistant Hose Cover
40', 50', 60'

LP Regulator
with Gauge

Shoulder Strap

High Flow Air Filter

- ▲ Patented "Flame Free" Combustion system properly cleans and dries Asphalt and Concrete Cracks, Joints and Potholes in one easy step
- ▲ High Velocity Hot Air quickly prepares Sealant reservoir – maximizing sealant adhesion
- ▲ No Flame means no Surface Impingement – cleans and dries faster than conventional torches
- ▲ In Seconds, the Hot Air Lance dries, cleans and prepares cracks / joints for sealant application
- ▲ Precision Engineered to outperform the competition
- ▲ Balanced for One-handed use, Anyone can be taught to be a skillfull operator in a matter of minutes
- ▲ Adjustable Temperature / Volume Controls for maximum effectiveness and economy
- ▲ Built with Pride in the USA

The Best Hot Air Lance in the Industry for Drying and Cleaning Pavement Cracks, Joints and Potholes

Patented Combustion System
for guaranteed performance

Rugged Stainless Steel Construction
for years of trouble free operation



Stinger All in One Portable Heat Lance



Hot Shot / Classic Model B / Blaster Model C

LAB Hot Air Lances blast out dirt & debris with Hot Compressed Air. They Draw out moisture from cracks without “over cooking”; lifting off oxidized surface leaving a warm, dry surface, properly prepared sealant adhesion.

Hot Air dries more thoroughly because it expands surfaces faster under any conditions, particularly inclement weather. Unlike flame, Hot Air completely extracts moisture leaving smooth, clean surfaces that are ready for sealant application

We at LAB are committed to providing you, the Customer, the best and most versatile Hot Air Lance in the industry. This Lance is an integral part of the whole package and may be purchased by itself.

However, we offer a complete kit which includes everything you need to conduct your business in the most efficient, economical and profitable way possible. All you need is an air compressor and propane tank to begin successful operation.

How does A Hot Air Lance Work?

Lab Heat Lances burn vapor propane and mix it with super-heated compressed air in a specially designed and patented combustion chamber. High velocity hot air is produced and directed towards the pavement surface. Since no flame touches the pavement, you can fill cracks immediately behind the lance operator without the worry of burning or charring the pavement surface

Which Model Suits You?

In order to produce enough velocity, you must have a good air supply of compressed air to effectively and Quickly clean and dry pavement cracks, joints and potholes. The more air you provide the better the performance. Which lance is right for you? The major difference is the volume of air-supply. What size is your compressor? Use chart for reference.

Compressor Size

60 – 100 cfm
100 – 185 cfm
150+ cfm

Best Performance

Hot Shot
Classic Model B
Blaster Model C

Complete Package Includes

Hot Air Lance Unit
(Hot Shot - Classic - Blaster)
Hose Assembly/ Cover
(40'-50'-60')
Shoulder Strap

Heavy Duty Air Filter
LP Regulator & Gauge
Quick Connect Fittings
Safety & Operation Manual
Warranty Card



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Hot Air Lances

Hot Shot

Heated Air Temperatures 400°- 2600° F
Exit Heated Air Up to 1000 ft/sec
Propane 5 to 30 psi
Propane Consumption 10 lbs/hr @ 20 psi
Compressed Air Supply 60-100 cfm / 50-175 psi
BTU's to 1,000,000
Lance Weight 11 lbs

Classic B

400°- 2600° F
Up to 1000 ft/sec
5 to 30 psi
10 lbs/hr @ 20 psi
100-185 cfm / 50-175 psi
to 1,000,000
11 lbs

Blaster C

600° - 3000° F
Up to 3000 ft/sec
5 to 30 psi
12 lbs/hr @ 20 psi
150+ cfm / 90-175 psi
to 1,500,000
12 lbs

Stinger All-in-One

A portable crack sealing lance in one package

Features Honda GX 5.5 HP Engine
Electronic Ignition
Stainless Steel Burner
Easy to Operate Swivel Rear Wheel
Lance Assembly weight 10 lbs
Lance Assembly Length 59"
Single Stage Compressor
40"H x 39"W x 51"L
Shipping Weight 280 lbs

CAT Torch Kit

Save Money on this Lower budget Unit

Lightweight Aluminum Body
Fingertip Control for Air & Fuel
Includes Propane Hose (50ft) & Regulator
Cleans & Dries with High Temperature
Extends your work season
BTU rating – 300,000 @ 55 psi
Temp Output – 2000°-2400°
Use with Your own Air
Compressor & Propane Tank

The Hottest Thing On The Road

Be Sure You Get The FACTS

We're Honored that you are considering our High-Performance Flame-Free Equipment. LAB Prides itself on its patented flame free combustion system. Be Sure that you do your research When inquiring about other heat lances. Some claim to be "Flame Free" but proof is the key. Get a demo of each and witness the difference in LAB Heat Lances from the other "so called" heat lances on the market. You'll be glad you did! Don't get burned by look-a-likes.

Additional Uses for Our Heat Lances

Pothole Preparation prior to Filling
Dry Pavement Surfaces prior to Line Striping
Removal of Thermoplastic and Water based Paint
Remove / Re-Melt excess sealant material from Pavement
Dry concrete surfaces prior to application of coatings
Reflector casting removal



Each Unit is Performance Tested
at Factory. Fully Guaranteed
against Material and
Manufacturing Defects

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