LAB Hot Air Lances

High Velocity, High Temperature Hot Air

High Performance Pavement Preparation Equipment

"Your heat lance works great! It is much faster and cleans out cracks better than anything else we have used." **Kerry Kookes, TNT Asphalt Fiber Seal**

Pavement Crack, Joint and Pothole Preparation

FACTS:

- *Crack sealants will not stick to wet and dirty asphalt or concrete pavements.*
- *Cleaning, drying and heating the pavement crack improves the adhesion of crack sealants.*
- *The Strategic Highway Research Program (SHRP) recommends treating cracks with a Hot Air Lance prior to sealant installation.*
- *A clean dry crack is your first step in ensuring successful crack repair. LAB Hot Air Lances can help you achieve this goal by blowing out and drying moisture and debris in pavement cracks in one quick step.*

Benefits of LAB Hot Air Lances:

- *Maximizes the adhesion of any crack sealant*
- *Will increase productivity and decrease job delays by allowing crews to work after a recent rainfall, dew or cold temperatures*
- *Eliminates other costly preparation tools, routers, blowers, wire brush crevice machines*
- *Easy to operate and maneuver, lightweight yet durable*
- *Constructed with high strength steel and stainless steel tubing*
- *Precision engineered to exacting standards for safe reliable operation*
- *Adjustable temperature and air volume controls*
- *Patented combustion system*
- *Cracks are cleaned at operators walking pace*
- *Built with pride in the U.S.A.*

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 lance is right for me?

The major difference is the volume of air supply. What size is your compressor? Use chart for reference:

CFM	BEST PERFORMANCE
60 - 100	Model B HotShot
100 - 150	Model B Classic
150 +	Model C Blaster

Which Model suits you?

In order to produce enough velocity you must have a good 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. If you want to properly prepare pavements quickly – choose ***LAB***.

SPECIFICATIONS: *Detailed specifications available by calling toll-free 800-776-5830.*

Model B Classic & Hot Shot

Heated Air Temperatures: 400° F to 2600° F
Exit Heated Air: Up to 1000 ft. per second
Propane: 5 to 30 psi
Compressed Air Supply: 60 - 100 cfm, 50 - 175 psi (Hot Shot)
Propane Consumption: 10 Lbs per hour @ 20 psi
100 - 185 cfm, 50 - 175 psi (Classic)
BTU's: To 1,000,000
Lance Weight: 11 Lbs
Stainless Steel Construction

Model C Blaster

Heated Air Temperatures: 600° F to 3000° F
Exit Heated Air: Up to 3000 ft. per second
Propane: 5 to 30 psi
Compressed Air Supply: 150 + cfm, 90 - 175 psi
Propane Consumption: 12 Lbs per hour @ 20 psi
BTU's: To 1,500,000
Lance Weight: 12 Lbs
Stainless Steel Construction

Complete Package Includes:

- Hot Air Lance Unit
- Hose Kit Assembly (40', 50', 60') in protective hose cover
- Shoulder Strap
- Heavy Duty Air Filter
- LP Regulator & Gauge
- Quick Connect Fittings
- Safety & Operation Manual
- Warranty Card

Heavy Duty Components

LAB is committed to provide our customers with the best Hot Air Lances in the industry. We offer you a complete package which includes everything you need to get started. All that is needed is your compressor and propane to begin. All lances are performance tested to insure proper operation prior to shipment.

Agency regulations require eye, hearing and protective clothing during operation.

The Hottest Thing On The Road

✦ Be sure you get the facts

We're honored that you are considering our high performance flame free preparation equipment. LAB prides itself on its patented flame free combustion system. Be sure that you do your research when inquiring about other heat lances. Others claim to be "Flame-Free" but proof is the key. Get a demo of each and witness the difference in LAB heat lances from 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 pavements
- Dry concrete surfaces prior to application of coatings
- Reflector casting removal

Plain & Simple...
No Debris – No Moisture

Proper conditions for effective application of crack & joint sealants

Available Lance Options:

Handle

PN: HAN

Ignition System

PN: IGN

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