You know the reasons for ladle stirring
- De-sulfurization.
- Reduced non-metallic inclusions.
- Uniform distribution of temperature and alloying additives.
- Cleaner steel.

Now you can stir the best way with Vesuvius purge plugs.
An industry leader in flow control. Vesuvius plugs are highly customizable in a wide range of flow rates and provide a more complete stir than top lances. Studies show efficient stirring can’t be accomplished with a top lance. Our plugs are your most effective tool for stirring steel.

For more information on these products and our complete package of solutions please contact our local service center.

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Vesuvius is your Partner in Performance - We offer exactly what you need

Vesuvius promises the highest quality

Vesuvius is committed to making sure everything works just as designed. We offer the best purging systems and ancillary equipment for your requirements. Our purging system technology and ancillary equipment are designed to take the weight off the installer and increase your ladle up-time and help you build a reputation for quality steel. Vesuvius is your Partner in Performance - We offer exactly what you need.

The best purging systems use Vesuvius purge plug systems

For your ladle, Vesuvius offers a superior range of purging systems, ancillary equipment, and durable purge plugs designed to fit your needs. With Vesuvius, you'll get the plug you’re looking for, plus ongoing support and service to help keep your system running efficiently.

Purge Plug Extractor

An essential tool if you want to carefully install, extract, move your不准移动 penetration, and reduce your risk.

Setting Assist Fixture

An indispensable tool for your purging system installation. Our small tools are designed to clear the weight of the steel, and ensure alignment of plugs. A properly set fixture can also be used with the IPV Safety System.

Inner Nozzle Setter and Extractor

An essential tool if you want to accurately install, rotate, move your不准移动 penetration, and reduce your risk.

IPV Safety System and other mechanisms

Vesuvius IPV is a fully programmable purging system that monitors hot, cold, simple, emptying, and gas leakage. Additionally, it features flexible temperature and color-coded mechanisms.

Ordering Information

Vesuvius IPV is a customer responsive system that allows you to control the temperature, chemical interactions among metals and refractories. Our IPV System allows you to control the temperature, chemical interactions among metals and refractories.

Manure and Installation Materials

Manure, growing, and installation, and related systems are advanced value-priced mechanisms. If your engine can run, your Vesuvius IPV can run. The IPV System reduces the amount of energy you need to support a design and application-specific mechanisms. Additionally, it includes an IPV System.

Computational Fluid Dynamics (CFD) analysis

Vesuvius uses state-of-the-art Computational Fluid Dynamics (CFD) analysis to optimize system performance, as well as note

Design Team for your new Purging System

When you request Vesuvius to help you stir better, we must consider your ladle, operations, and ongoing Technical Support.

For new systems, we can work closely with you to optimize your system performance and achieve your production goals.

Testing

Vesuvius R&D is a continuously active research body that develops new processes and materials, PDL receives the research to cast experimental products and do full-size testing.

Finally, Vesuvius is your Partner in Performance - We offer exactly what you need.
The best purging systems use Vesuvius purge plugs

Vesuvius promises the highest quality

Purge Plug Setter

The perfect balance of bubble volume, size, and flow rate. The best purging systems use Vesuvius purge plugs. Each family of plugs is designed to address specific challenges and risk, cost, and time when investigating new products.

When it's time to change the plug, we have the proper tool. The Purge Plug Extractor delivers the ideal extraction and handling tool for plugs in the shop. For use with one of our new purging systems, and ensure that it works exactly as planned. Vesuvius’s portfolio of successful designs provides the design feedback to build translatable and industry-accepted solutions that ensure your inner nozzles, and reduce your costs.

Vesuvius is your Partner in Performance - We offer exactly what you need

Vesuvius means quality refractory and equipment. Our purging systems are durable, integrated solutions that increase your ladle uptime and help you build a reputation for quality steel.

With a range of Purge Plug Setter and Extractor, we make changes easy and cost effective. With CFD, design variations are rapidly iterated, and we then pass the benefits to you. Vesuvius uses powerful computing to model complex physics and determine the optimal purging system for plugs in your ladle and reduce risk, cost, and time when investigating new products.

Vesuvius Refractories Canada Inc.

Located in Mississauga, Ontario, Canada, Vesuvius Refractories Canada Inc. is a manufacturer of refractories, insulation, and ancillary products for the steel, foundry, and municipal industries. The company offers a wide range of products and services, including:

- Refractory products for the steel industry
- Insulation and ancillary products
- Custom engineered solutions

Vesuvius is your Partner in Performance. We offer exactly what you need.

Purging System Technical Managers work with you

When you request Vesuvius to help you stir better, we send our managers to your plant, where they typically spend 1-2 days on the shop floor gathering data. With CFD, design variations are rapidly iterated, and we then pass the benefits to you. Vesuvius uses powerful computing to model complex physics and determine the optimal purging system for plugs in your ladle and reduce risk, cost, and time when investigating new products.

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- Refractory products for the steel industry
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Vesuvius is your Partner in Performance - We offer exactly what you need.
If you’re individually installing blocks, our block setter is de- signed to interface with our equipment and ensure repeatable insertion depth every time, and are recommended for use with any of our plugs.

The perfect balance of bubble volume, size, and flow rate.

The best purging systems use Vesuvius purge plugs and liners. We use a range of designs and high-quality materials for the lower lining, so Vesuvius customizes blocks to suit your ladle requirements. Blocks typically experience higher turbulence than the rest of the system.

The Purge Plug Setter is designed to interface with our equipment and ensure repeatable insertion depth every time, and are recommended for use with any of our plugs.

An indispensable tool for proper plug installation. Our assist holds the plug upright while mortar is applied, then pivots for insertion into the housing block.

For the answer. Our Purging System Technical Managers are there to help you design and develop systems that meet your goals. We work with you to install and commission your purging system. Our technicians and managers work with you to install and commission your purging system. We are ready to help with anything you need.

Vesuvius promises the highest quality service. When you request Vesuvius to help you stir better, we assign a Purging System Technical Manager to work with you.

When you have technical challenges, turn to Vesuvius experts for the answer. Our Purging System Technical Managers are there to help you design and develop systems that meet your goals.

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You know the reasons for safe stirring.

- Better distribution of temperature and alloying additions.
- Cleaner steel.

Now you can stir the best way with Vesuvius purge plugs.

An industry leader in flow control. Vesuvius plugs are highly customizable in a wide range of flow rates and provide a more complete stir than top lances. Studies show efficient stirring can’t be accomplished with a top lance. Our plugs are your most effective tool for stirring steel.

For more information on these products and our complete package of solutions, please contact our local service center.
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The best purging systems use Vesuvius purge plugs

When you work with a reliable purging system, you’ll feel more confident in your operation—reducing unexpected interruptions and improving your overall productivity. Our purge plug system offers highly reliable, interchangeable plug solutions that deliver the balance of bubble volume, size, and flow rate necessary to support your specific ladle and industry criteria.

Vesuvius promises the highest quality

Vesuvius delivers industry-leading purging systems using the highest-quality materials. Intentional solutions that ensure your tapping time and help you build a reputation for quality. With a range of Purging System Technical Managers ready to help you, we’ll ensure your purging system is up and running to deliver the value of having the proper plug extractor.

When it’s time to change the plug, we have the proper tool. The Purge Plug Extractor can take the guess-work out of picking quality mortars and repair products, and do full-size testing.

Installation, Commissioning and ongoing Technical Support

Vesuvius is your Partner in Performance - We offer exactly what you need

When you request Vesuvius to help you stir better, we send our managers to your plant, where they typically spend 1-2 days on the shop floor gathering data. When you have technical challenges, turn to Vesuvius experts who have micro-level knowledge, and do whatever it takes to help you stir better.

Purchasing System Technical Managers work closely with you

When you request help to improve your steel stir, we will manage your project, ensuring that it works just as designed. Our Purging System Technical Managers are your partners in your project, from the start of your new purging system to the day it is operational.

When you have technical challenges, turn to Vesuvius experts who have micro-level knowledge, and do whatever it takes to help you stir better.