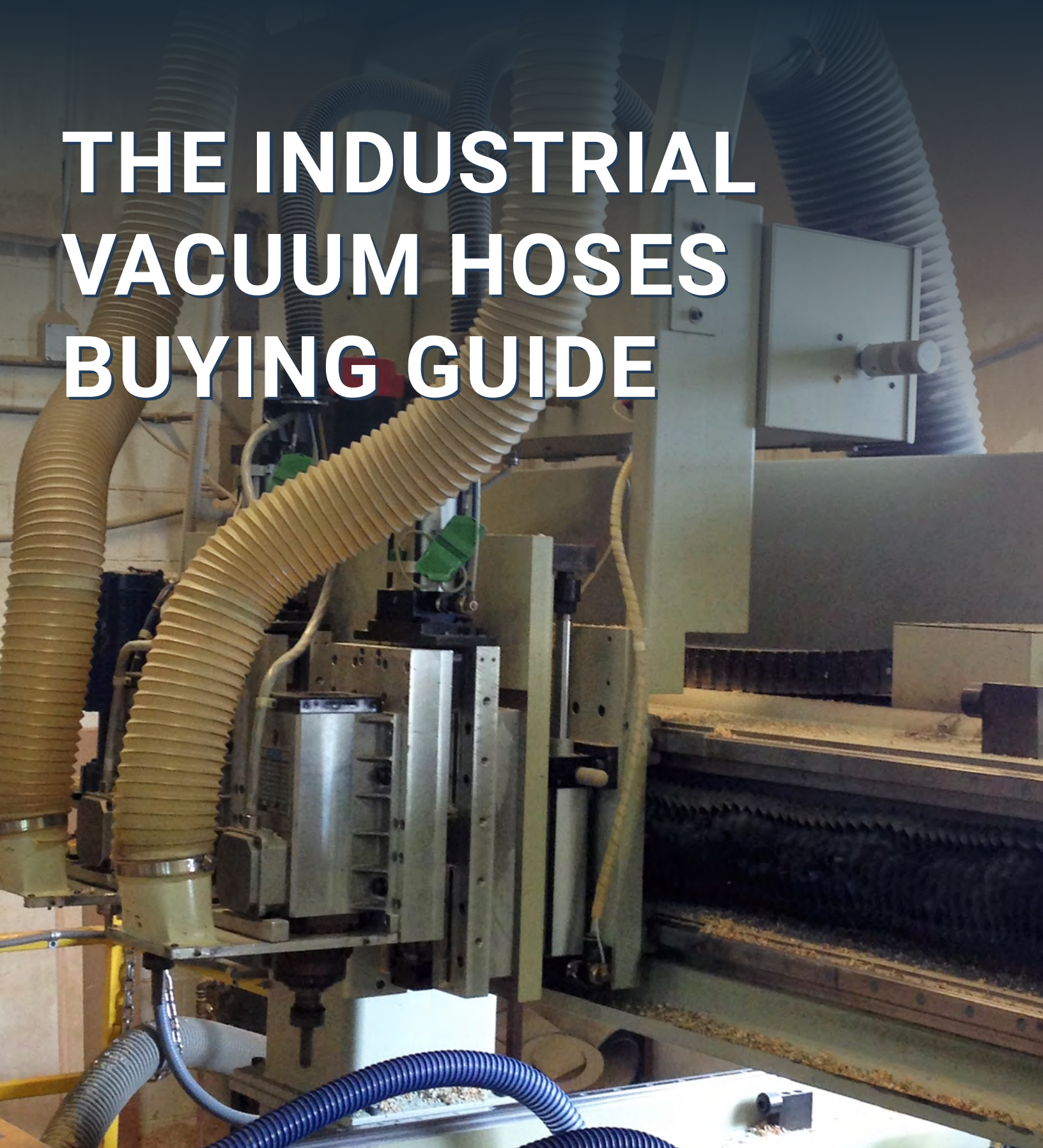


A photograph of an industrial machine, likely a lathe or mill, with several large, flexible, yellowish-brown vacuum hoses connected to it. The hoses are curved and draped over the machine. In the foreground, there are blue and grey flexible hoses. The background shows the complex metal structure of the machine and some industrial components.

THE INDUSTRIAL VACUUM HOSES BUYING GUIDE

FLEXAUST®

At Flexaust, we offer comprehensive resources and an extensive catalog of industrial hoses and industrial hose materials to streamline your purchasing experience. Our catalog of versatile products includes various size options and hoses that will meet diverse application and temperature requirements. To remove the guesswork, we also maintain the following resources to best assist you with selecting the right hose and accessories for your vacuum system or industry:

- Flexaust Connect, our mobile app
- Market applications guide
- Product guides

Flexaust has the largest product line of industrial hoses, standard and customized kits, and floor care accessories in the industry, making us a one-stop shop that provides everything you'll need upfront to meet the demands of your specific vacuuming application. As part of our commitment to customer relationships and your satisfaction, the Flexaust team manufactures quality products with fast turn times at a price to fit your budget. We'll evaluate your project's demands and help you make informed purchasing decisions, recommending the ideal hose solution for optimal safety and performance.

This eBook will serve as a guide to our industrial hose, kit, and attachment products to facilitate your selection process.

Choosing the Right Industrial Vacuum Hoses at Flexaust

Hoses connect to a vacuum cleaning system's intake port through compatible attachments, and vacuum units then utilize the hose to draw dirt, dust, or spills into the system for removal. With the right accessory, you can handle specialty tasks such as vacuuming out tight spaces using crevice or upholstery tools and improve the lifespan of your vacuum system components.

Over time, however, even the best vacuum cleaner hoses will suffer from abrasion, tearing, and suction loss. At Flexaust, we understand that you can't use just any flexible industrial hose to achieve optimal results in your application. Even minor differences between hoses can make for significant performance changes in large-scale industrial facilities. That's why we offer such an extensive selection, helping you save on labor, time, and floor maintenance costs in your operation.

When considering which hose will be the proper replacement, Flexaust suggests following the acronym STAMPED to determine the appropriate one for the job. STAMPED stands for:

- **S : Size**
- **T : Temperature**
- **A : Application**
- **M : Media**
- **P : Pressure**
- **E : End fittings**
- **D : Delivery**

Our company offers a variety of sizes, shapes, and material options to meet the needs of diverse environments, flooring surfaces, and cleaning tasks.



Key Features

Some key beneficial features of Flexaust's industrial hoses include:



Flexibility

Crush and abrasion resistance

Smooth interiors for efficient airflow

Static dissipative, anti-static, static conductive

Custom color availability

Materials

We manufacture our industrial hoses from a variety of materials to meet the demands of a specific application or vacuum unit. Our material options include:

- **Polyethylene (PE)**

A lightweight plastic, PE offers versatility to industrial hosing through its many benefits. The material's smooth surface is easy to keep clean, and its light weight allows for effortless portability and user handling.



- **Polyvinyl chloride (PVC)**

The mechanical toughness of this material makes PVC an ideal solution for hoses requiring easy operation in more rugged environments, but it will show signs of wear faster than PE in most applications.



- **Thermoplastic rubber (TPR)**

An optimal solution for applications that involve moving a vacuum over rough surface areas, this durable material has superior flex life and resistance to chemicals. That said, once the material sustains an initial tear, it rips much easier than comparable hose materials.



- **Polyurethane (PU)**

Polyurethane offers the benefits of both rubber and plastic. It's resistant to abrasion and tearing, and it is naturally flexible. Additionally, it features superior chemical resistance and weathering properties.



Applications

Flexaust hoses offer efficiency and speed in industries and applications such as:

- Agricultural
- Air duct cleaning
- Automotive (washing and cleaning)
- Floor care
- Food industry (clean-up)
- Industrial vacuum cleaners
- Residential vacuum cleaners
- Silica containment (construction)
- Surface preparation
- Woodworking

Types of Hose & Tool Options

Flexaust offers hoses for a broad spectrum of vacuum cleaner types for your convenience. We manufacture each of our hoses to fit a particular use case or industry, with specialized hoses for equipment such as:

- **Backpack vacuum cleaners**

Powerful yet fully portable, backpack vacuum cleaners are an ideal solution for maintaining large areas with minimal staff.



- **Canister vacuums**

The slim design of these lightweight units is optimal for cleaning difficult-to-reach areas, corners, and tight spaces. PE and PVC are ideal hose materials to keep canister vacuums light.



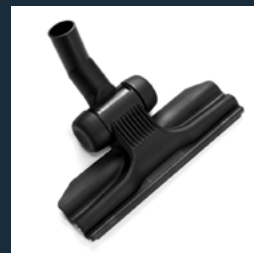
- **Carwash vacuum systems**

These systems typically utilize heavy-duty industrial hoses of thermoplastic rubber to provide sufficient durability and power.



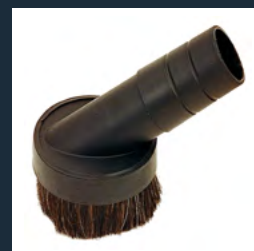
- **Central vacuum cleaners**

The bodies of these vacuum cleaners attach to multiple hoses, requiring adapters and cuffs to effectively join components. These vacuum cleaners' canisters attach with the vacuum's central air chamber remaining separate, users can easily move central vacuum cleaner hoses throughout an area.



- **Commercial vacuum systems**

Commercial facilities often have a lot of square footage. The strong suction capability and wide base of commercial vacuum systems make them a good fit for such applications.



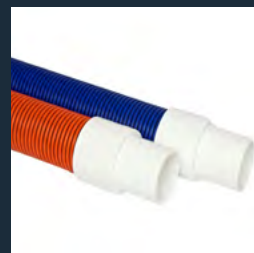
- **Dust collection vacuum cleaners**

These particular vacuum cleaners handle dust buildup to rid a space of dust particles that can otherwise be hazardous to workers and machinery alike in factory environments.



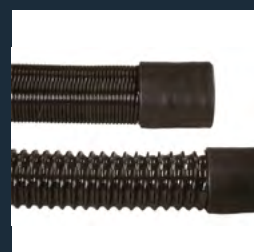
- **Extractor vacuums**

Flexaust hoses for extractor vacuums are capable of withstanding temperature fluctuations, as these units pass hot water through multiple hose types to loosen and wash away dirt from a flooring surface.



- **Handheld vacuums**

As their name suggests, handheld vacuums are portable units, but they have the necessary power to manage rugged industrial cleaning operations.



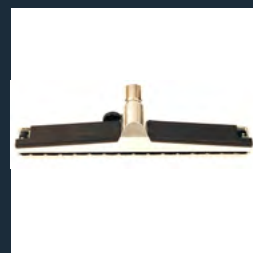
- **Industrial carpet cleaning systems**

Due to the power of these systems, they incorporate highly durable industrial hosing to provide applications like carpet cleaning with superior suction for removing debris or set stains.



- **Industrial wet and dry vacuum cleaners**

These versatile vacuums are effective at cleaning up both dry and wet substances like dust and spills.



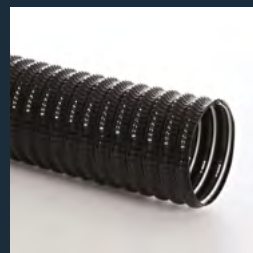
- **Portable extractor vacuums**

Similar to the full-size variety, portable extractor vacuums achieve a deep clean on surfaces by using hot water along with lightweight, transportable hoses.



- **Scrubber cleaners**

These cleaners are unique for their circular motion in scrubbing applications and their powerful bristles.



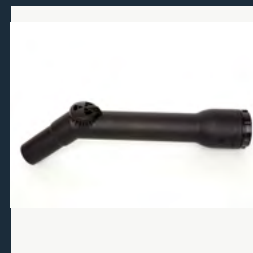
- **Shampooer vacuums**

Shampooer vacuums combine suctioning power with a cleanser for a successful clean.



- **Upright vacuum cleaners**

The classic, versatile upright vacuum cleaner is ideal for carpets and other hard surfaces, such as concrete. It offers a wide body with good suction strength.



Custom Kits

To provide our customers with turnkey solutions, Flexaust offers numerous **kits** tailored to a range of individual applications, with the capability for custom kits, as well. Examples of our standard industrial kits include:

- **Central vacuum kit**

Central vacuums are useful in industrial, residential, and commercial applications, with Flexaust's non-electric central vacuum hose and tool kits providing a virtually universal turnkey cleaning solution.



- **Dry pick-up accessory kit**

This kit consists of a combination of tools, wands, and a brush for dry pick-up applications.



- **Garage kit**

Flexaust's garage kit is our premium central vacuum kit, which consists of a hose and tools applicable in workshop or garage vacuums.



- **Industrial MRO general pick-up accessory kit**

This hose, cuff, adapter, and tool kit is exclusively for industrial pick-up applications.



- **Industrial vacuum hose kit**

In addition to general pick-up, this hose and tool kit can handle dust removal applications.



- **Industrial wet/dry accessory kit**

Consisting exclusively of brushes, tools, and a wand, this industrial kit is available in Type 1 and Type 2 tools for wet or dry pick-up tasks.



- **Woodworking accessory kit**

This kit facilitates dust pick-up in industrial woodworking environments, garages, or factories.



Should you find that our standard options don't fulfill your particular requirements, Flexaust stands apart from the competition in that we offer customized kits. Our team will work with you to develop an industrial vacuum kit tailored to meet your exact needs.

Industrial Floor Care Attachments & Accessories

Enabling you to tailor our hose solutions to your specific operation, Flexaust also offers an array of hose attachments and accessories to accommodate hose systems of virtually all materials, sizes, and operating temperatures. You can select from metal, coated fabric metal, rubber, and plastic based on the design and necessary function of the attachments. Our product line includes:

- Adapters
- Cuffs
- Flanges
- Funnels
- General and bridge clamps
- Pull tabs
- Y-connectors



To determine the proper end fitting and identify the proper Flexaust accessories, use the STAMPED concept for your selection process.

Floor Equipment Types

Typically, industrial vacuum hoses have similar functions and designs. However, the same cannot be said of the related adapters, connectors, and cuffs. Each of these components is highly specialized to meet the unique needs of a specific application or system. The proper accessories will enable hoses of differing sizes and orientations to join together into larger, streamlined hosing networks, which offers greater versatility in floor care techniques.

Choosing the correct adapters and connectors allows you to develop a floor care system that addresses critical areas while integrating important hose functions. Flexaust utilizes a broad range of material options to manufacture these varied products, which include:

- Polyethylene
- Polyurethane
- Polyvinyl chloride
- Thermoplastic rubber
- Vinyl fabric

The lightweight properties and flexibility of Flexaust's industrial hoses make them user-friendly, bending easily to facilitate vacuuming around obstacles and making costly engineering solutions unnecessary. Flexaust products are simple for users to connect, couple, and cut using our supplied clamps, connectors, cuffs, and end finishes. Simple to install and quite portable due to their light weight, our durable hoses are easy to store and take out again for repeated use.



Contact Flexaust for Your Industrial Hose Needs

Backed by over three-quarters of a century of experience, the Flexaust team specializes in flexible industrial hoses, along with tool kits, accessories, and more. It's our goal to provide you with durable, turnkey solutions for removing dust, lightweight debris, fumes, and spills from your facility, along with our commitment to creating lasting customer relationships. From Flexaust, you'll receive faster and higher-quality communications as we help you find products that fit your application, your existing equipment, and your budget.

To learn more about our expansive portfolio of high-performance industrial hoses and accessories, [contact us](#) today.

About Flexaust

Flexaust has manufactured durable, long lasting, flexible hose and ducting solutions for industrial and commercial applications for 85 years. Our hose products are used in applications involving air, dust, fume and lightweight materials.

It all began in 1938 when Arizona mining engineer Harold Hersey filled a desperate need for the mining industry by developing the first flexible hose system to vent fumes and bring fresh air to hard working miners. The transition from mining to industrial applications was sparked by the heavy construction activities of World War II. After the war, Flexaust continued to grow by supporting industry with hose and ducting that would improve the workplace environment.

We are proud of our past, but more importantly, we are excited and focused on the future. As part of the international Schauenburg Group, our worldwide support network provides Flexaust with more resources and manufacturing capabilities to provide the best hose and ducting products and service to our customers.

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1510 Armstrong Rd, Warsaw, IN 46580
Ph: 800.343.0428 Web: www.flexaust.com

