



Industrial Loading Spouts

Whether loading or stacking bulk solids materials, Sly's loading spouts efficiently handle any dry material you need to move. Our spouts are ideal for radial stacking or loading into railroad cars, trucks, ships, barges, containers and barrels. Sly bulk material loading spouts move powdered chemicals, cements, grain products, sand, gravel, coal or any other dry bulk material without dust.

With an innovative hoist drive system for enhanced stability over traditional two and three cable hoists and an outer sleeve design that contains fugitive dust and prevents material waste, Sly's industrial loading spouts ensure fast, reliable material flow with minimal dust.

The expertise you need. The service you deserve.

Loading Spouts

Capture Fugitive Dust & Prevent Waste

Sly loading Spouts provide steady material flow for loading of dry/bulk solids in trucks, railcars, tank vehicles, barges and more. Our loading spouts and accessories help to capture fugitive dust, prevent material waste all while providing low maintenance. All loading spouts are made with a center mounted motor and extend with a four cable hoist system.

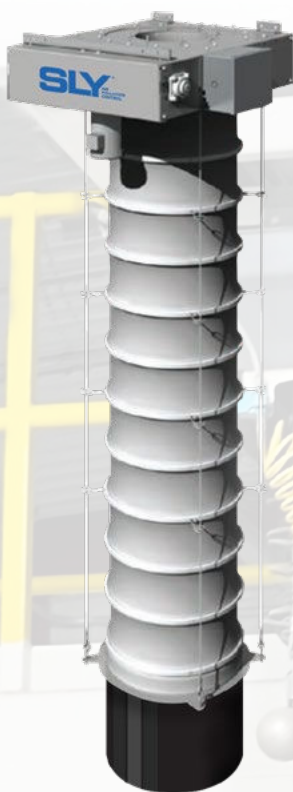
Features & Benefits

- Standard design allows for 250°F, modifications can allow for up to 400°F
- Four cable hoist drive system provides even pressure on all cables, resulting in less wear on each cable, extending the cable life and lower maintenance costs
- Internal cone design allows cones to stack as the spout retracts to a low profile for maximum overhead clearance
- Fully compatible with food friendly options
- Cable guides mounted on the sides to assist with lifting cable sleeve
- Computer numerical control (CNC) machined pulleys with rounded edges and precision cable grooves to extend cable life



Sizing Options:

Loading Spouts are available in various sizes with material feed inlets ranging from 10" up to 30".



Two, 3 Piece Pulleys

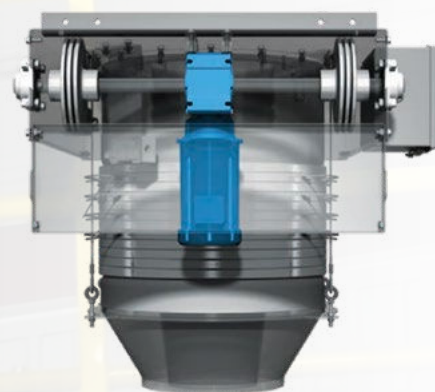
Round edges and precision grooves keep cables from fraying, preventing downtime.



Center Mounted Motor

Motor voltage options:

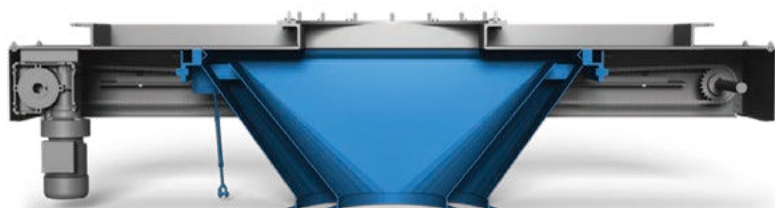
- 400 volt/50 hertz
- 460 volt/60 hertz
- 575 volt/60 hertz



Spout Positioner

Designs to Fit Your Application

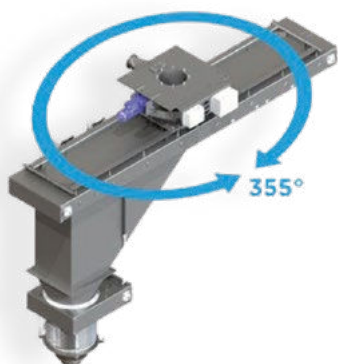
Sly spout positioners come in a single-axis or dual axis option, depending on your application needs, and is designed so materials will pass through the fixed inlet. Sly's loading spouts are attached beneath a hopper, which moves with the spout and allows for control of exact positioning.



Single-Axis Positioners

Allows spout to move along either an X axis or Y axis; moving side-to-side or front-to-back.

- Motor specifications: (qty.1) 1 HP motor with 80:1 gear reducer
- Standard size: 2-10 ft



Rotating Positioners

The Sly rotating positioner, a lighter weight option, rotates 355° and moves horizontally, eliminating the need for the driver to reposition the truck.

Dual-Axis Positioners

Allows spout to move along both X axis and Y axis; allowing the spout to change and move side-to-side and front-to-back.

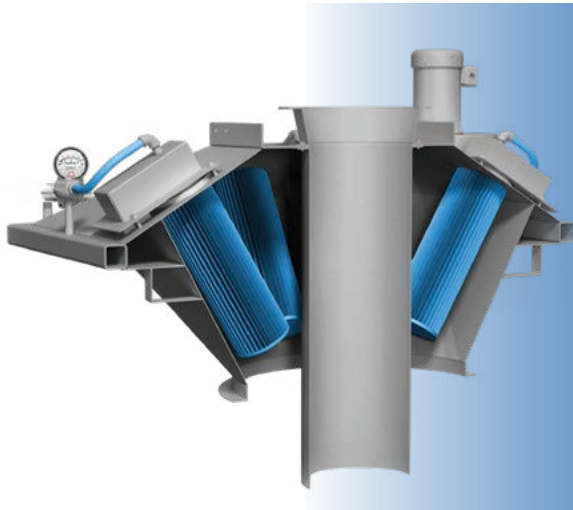
- Motor Specifications: (qty.2) 1 HP motors with 80:1 gear reducers
- Standard size: 2X2-6X4 ft



Features & Benefits

- Fixed support pan, made from A36 mild steel, allows the hopper to slide easily
- Aerial camera system available for added visibility through the loading process
- Hopper is constructed from the same material as the inlet cone
 - 235 BHN abrasion-resistant steel
 - 400 BHN abrasion-resistant steel
 - 304 stainless steel
 - 316L stainless steel

Spout Filtration



Features & Benefits

- Multiple contact and filter cartridge material options, including food-safe options
- Multiple filter sizes available to handle your application needs
- In-line filter system collects fugitive dust throughout the loading process, minimizing product loss
- Reverse pulse self-cleaning, reducing maintenance costs
- Easy access to filters for faster inspections
- Low profile to fit applications with limited space

Options

- Outer sleeves produced in Vinyl (PVC)-coated polyester (18 & 22 oz.), Hypalon synthetic rubber -40° F – 220° F | -40° C – 105° C, Silicone fiberglass for high temperature materials, and Neoprene Polyester (ATEX)
- Dust control skirt, made of individual, overlapped, rubber strips prevents dust emissions during open loading applications
- Mercury filled tilt probe mounted on the side of the dust control skirt, auto-raises the loading spout as it fills
- Steel pegs in lieu of standard u-bolt and nut harness guides for food applications
- Outlet available to sample the product for a final time during loading
- Vibratory kit to reduce residual materials from loading spout
- Round or rectangular hatch adapters cover railcars to prevent dust emissions in enclosed applications
- 3 Motor Voltage Options (400 volt/50 hertz, 460 volt/60 hertz, 575 volt/60 hertz)



Tilt Probe



Dust Control Skirt



Remote Control

Aftermarket Part Sales

SLY understands that timely access to genuine spare parts is essential for maintaining the reliability and performance of your equipment. Our Aftermarket Sales team is committed to providing prompt, reliable ordering to ensure minimal downtime to keep your operations optimized.

Our team is available to process your order any time of the day. We have inventory readily available for quick delivery. Most orders are processed within 24 hours.



Replacement Parts

Sly carries all authentic replacement parts for loading spouts including dust sleeve assembly, short lifting cables, long lifting cables, cone cables, cable guides, stacking cones, tilt probes, travel limit switches, support rings, and more.

Legacy Loading Spouts

Contact Sly with any questions, parts or service requests, or other inquiries related to Sly Legacy Loading Spouts.



Complete Integrated Systems

As a subsidiary of Carrier Process Equipment Group (CPEG), Sly can provide additional processing equipment such as dryers, coolers, mixers and conveyors to handle various stages of material processing. These machines can be integrated upstream into existing or new process lines.

AIR POLLUTION CONTROL

Manufacturing & Engineering

Sly manufactures nearly everything in house, enabling us to have full control of the quality of our equipment, as well as the timing of completing orders.

- Manufacturing expertise working with mild steel, various grades of stainless steel, duplex steels and other exotic alloys for specialty applications
- 3D equipment modeling
- State-of-the-art manufacturing facilities
- Welders certified to ASME & AWS standards
- 350 ton press brake
- Plate roller capacity of up to 3/8" thick x 6' in width



SLY History



Founded

W. W. Sly founded what is now, Sly, LLC, as a manufacturer of foundry equipment.

1902

Expansion

Opened a new plant in Mathiston, MS to expand operations.

2019

Milestone

Sly celebrated 150 years in business.



1874

First Patent

Sly received the first U.S. patent for a fabric filter.

1960

Acquisition

Sly was acquired by Carrier Process Equipment Group, Inc. (CPEG), ending 145 years of being family owned and operated.

2024

Sly, LLC.
8300 Dow Circle, Suite 600
Strongsville, OH 44136, United States
Tel: +1-888-227-0783
slyinc.com | sales@slyinc.com

Sly, LLC. Manufacturing Operations
4526 Reed Road
Mathiston, MS 39752, United States
Tel: +1-800-334-2957

Carrier Process Equipment Group, Inc.
3400 Fern Valley Road
Louisville, KY 40213, United States
Tel: +1-502-969-3171 | Fax: +1-502-969-3172
cpeg.com | info@cpeg.com

