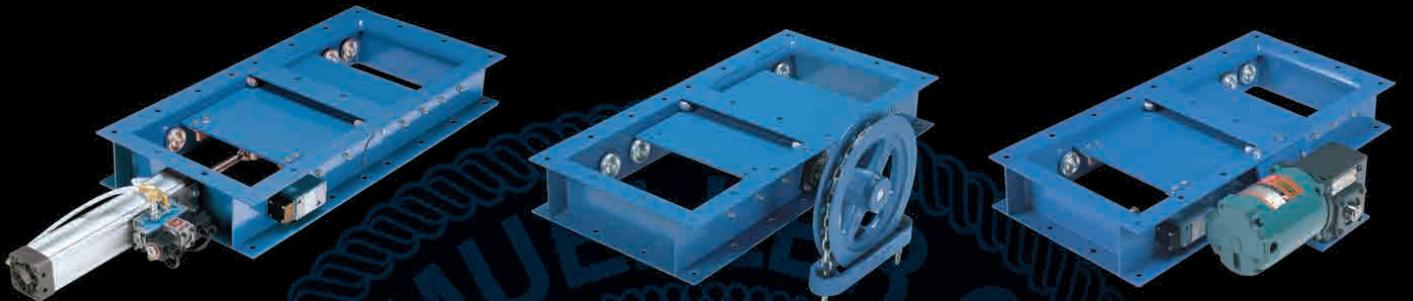




# **ABEL**<sup>TM</sup>

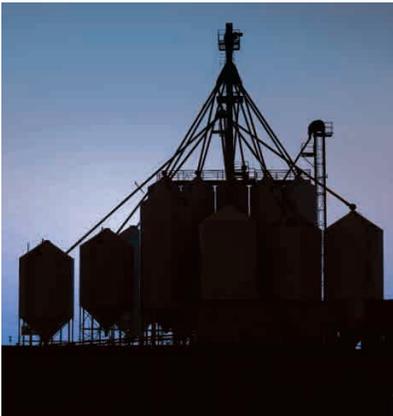
## **SLIDE GATES**



[WWW.ABELSLIDEGATES.COM](http://WWW.ABELSLIDEGATES.COM)



# **A** **ABEL** **SLIDE**™ **GATES**



## ABEL SLIDE GATES

The Abel Bin Company, started in 1963 by Don Abel, Sr., was the pioneer of Abel Slide Gates. The Appleton, Wisconsin, company originally focused on building quality bins for the feed and grain industry, though it wasn't long before they recognized an industry need for a more durable and reliable gate. The Abel Slide Gate line was established and became the first in the market to incorporate the use of roller wheels. The success and popularity of the gates continued to grow for over thirty years, both domestically and internationally, and achieved great results until the introduction of its new Universal Gate Frame in the early 1990s. The innovative design change created not only a standard frame size that allowed for a multi-use system across different gates in a product line, but it also created a more compact gate to be better utilized in the evolving modern system design.

In 2016, after much success, Abel Slide Gates was purchased by The Essmuller Company, a leader of bulk material handling equipment, to accompany and expand its well-respected product line. Now located and manufactured in Laurel, Mississippi, Abel Slide Gates is committed to continue to provide the highest quality slide gate in the industry, while maintaining its integrity and its innovative stature. The Essmuller Company is known for its "uncompromising quality" and will extend this standard of excellence to the new Abel Slide Gates. For more information or sizing on any of our Abel Slide Gates, please visit our website below.



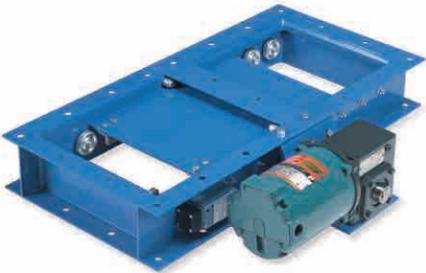
## Universal Air Slide Gates

This rugged roller slide gate is the most popular model in the Abel line. It can be interchangeably operated by either an air or hydraulic cylinder. Either type can be equipped with an electric solenoid valve and/or limit switches. The valves and limit switches are optional. As an option, cylinders may be internally mounted to save space in tight areas.



### Universal Rack & Pinion Slide Gates

This heavy duty, manually controlled gate can easily be operated by a chain, cable, or hand wheel. As with all Abel universal frame gates, it can easily be converted to any other type of actuator in the future. Universal Rack & Pinion Gates feature a 1" diameter cold rolled steel control shaft, and slide gate locks to prevent gates from unintentionally opening.



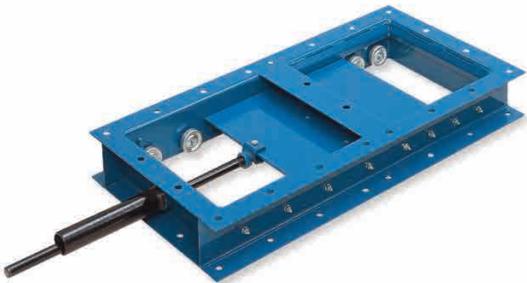
### Universal Motor Driven Rack & Pinion Slide Gates

Motor driven gates are an excellent choice when a remote gate needs to be controlled electrically. They provide fast operating speeds and have high closing forces for heavy loads. They also are relatively immune to adverse conditions such as dusty or freezing environments. Accurate positioning of these gates can be achieved by means of optional position sensors. Motor driven gates are available in both TEFC and explosion proof configurations.



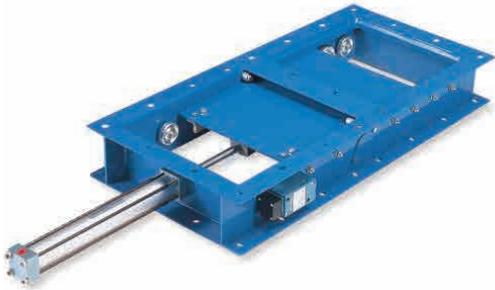
### Electric Actuator Slide Gates

This electric linear actuator gate is ideal when precise positioning is required. Because of its simple, single phase electrical operation, and accurate position feedback, it is a very good choice for use with automated control systems. It is available in NEMA 12 or explosion proof configurations, and is very reliable even in harsh industrial environments.



### Rod & Pipe Control Gates

Rod and pipe control gates are designed for use under round storage tanks. Because of its heavy construction, and its roller slide design, this gate is relatively immune to the freezing and sticking problems that are common in other gates used for this type of application. The gates can conveniently be operated from the outside perimeter of the tank. Positive opening and closing is assured through the use of heavy rod and pipe type actuators.



### Hydraulic Cylinder Gates

This rugged roller slide gate is the most popular model in the Abel line. It can be interchangeably operated by either an air or hydraulic cylinder. Either type can be equipped with optional electric solenoid valve and/or limit switches. Cylinders may be internally mounted to save space.



### Hand Controlled Slide Gates

Hand controlled roller gates are very useful for a variety of applications including, emergency shut-off gates, small portable hoppers or tanks, and bagging operations. As with all Abel roller gates, they are ruggedly built, and are easy to operate.



### V-Type Diverter Gates / Valves

Abel Slide Gate V-Type Diverter Gates / Valves feature a 60° free flowing design, and are constructed for dust tight operation. Available in seven sizes, all diverter gates / valves can be operated by a slide action air cylinder or electric motor.



### Ladder Gates

Our newest addition to our gate line are the ladder gates designed for mounting under drive way truck receiving hoppers. These gates can be customized to the number and size of openings you require.



ABEL SLIDE GATES: A DIVISION OF

# ESSMUELLER



Since 1878, The Essmuller Company has led the way in the world of Bulk Material Handling. More than a pioneer, Essmuller continues a history of innovation within the industry. A family business since its' beginning, Essmuller has never out-grown its fundamental goals: providing Customer Satisfaction and Uncompromising Quality. This dedication to core values has allowed Essmuller to remain a class apart.

In today's world, it's popular to make a profit in the margins - outsourcing production and providing "one-size-fits-all" products is a common practice. At Essmuller, "compromise" isn't part of our vocabulary. We believe that our standard lines of equipment customized to our customer's needs and desires will always have a place.

From bucket elevators to turnhead distributors, conveyors to screw feeders – Essmuller continues to set the standards for others to follow... over 130 years and running.



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