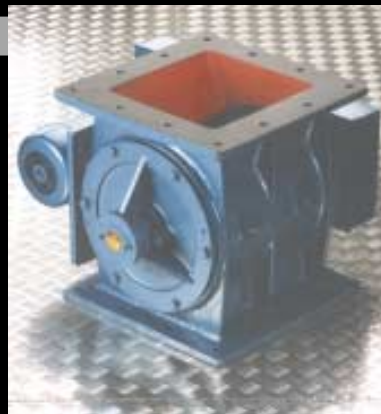




BULK
HANDLING
SPECIALISTS



www.rotolok.com

ROTOLOK
VALVES INC

• ROTOLOK •

ROTOLOK

Since its formation in 1973 Rotolok, by its continuing policy of re-investment through profit regeneration, has quickly established itself as a market leader in many of its range of products.

Initially formed to manufacture Rotary Airlocks, Rotolok has broadened its base in complementary areas of powder and bulk solids handling technology, so much so that it is now a highly respected supplier of a wide range of equipment to markets both in the USA and overseas.



Rotolok has the most advanced computerized numerically controlled (CNC) manufacturing machines available, thereby ensuring quality control, component interchangeability and prompt deliveries through the necessary batch production techniques. All reassuring for the potential user giving immediate availability at no additional cost - just try us.



Although Rotolok has incorporated many volume production and cost saving methods, it has not lost the proud fact that its 'flexibility' remains intact, giving its valued customers options and variations to suit, and solving the special problems so often encountered in powder handling. Rotolok's technical staff and design office, fully equipped with the latest CAD technology, are there for your convenience and trouble shooting.



More recently, owing to the increasing demands of the USA market, Rotolok has invested in 15,000 square feet of freehold accommodation in Monroe, North Carolina, that houses administration, manufacturing and test facilities.

everything under control...

• SLIDE VALVES •

SLIM SLIDES

Quick, compact, trouble-free emergency Slide Valve manufactured from cast aluminum, which is ideal for gravity feed operations. This cost effective valve is available with round or square inlets between 5ins and 14ins, with a choice of manual, single pneumatic or motorised operation.



FABRICATED SLIDE VALVES

With fabrication, the demands of the special slide valve market can be met, and, although Rotolok manufactures a stock range of square outlet valves 6½, 8½, 10½, 12½, 14½ and 16½ ins, mainly to match Screw Conveyor outlets, a full range of standard and heavy duty valves are made in versions: manual, rack and pinion, single and double pneumatic and motorised in sizes to 72" x 72". Circular inlets also available.



ROTOSLIDES

Manufactured in cast aluminum with stainless steel slide plate, the Rotoslide is a compact isolator in manual and automatic version. It is jam-free owing to the pivot operation mechanism and meets the requirements of the food industry by being enclosed at all times. It is sized between 6ins and 14ins.



BUTTERFLY DAMPERS

Specially built to your ducting-in manual and automatic versions, sizes 12ins thru to 48ins diameter all with high sealing efficiencies. Square versions available.



ROTOFLEX AND SLIMFLEX VALVES

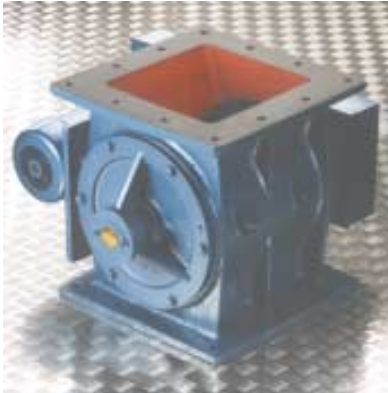
The flexible sleeve valve has the advantages of an inexpensive isolator which, by manual control, can give variable feed. It can, with double sleeve, seal against pressure (2psi) and can handle the finest of powders. Various sleeve versions are available. Sizes 6ins thru to 12ins.



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• AIRLOCKS •

ROTARY AIRLOCKS



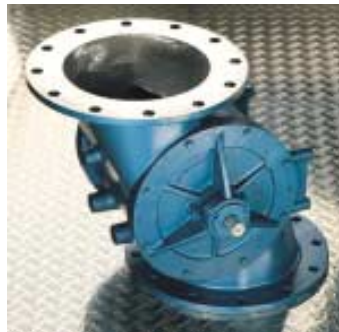
All Rotolok Rotary Valves are built for heavy duty requirements. With its quality features and many options, it can meet the needs of the pneumatic conveying industries, coupled with the filter and cyclone markets. Materials of construction are C.I./M.S., Alum/ST.ST. and ST.ST. with many plating selections available for the abrasive or non-contamination applications, and special rotors for difficult products.



It is available in sizes between 2ins and 36ins with round and square inlets. Special valves have been manufactured larger and smaller, but standard valves can be delivered ex stock.

OFFSET ROTARY VALVES

These valves are designed primarily for handling plastic-type pellets. As they do not shear easily, the pellets can cause seizure or considerable shockloading in standard drop through Rotary Valves. The Offset Valve ensures lower pocket fillage and spreads the product across the rotor. It is available in cast iron, aluminum or stainless steel in sizes between 6ins and 20ins.



BLOWING SEALS

The Blowing Seal is a development from the airlock, where products can be introduced into a conveying line direct. It gives the specialist user high efficiency throughput with low pressure drop in compact design. Materials of construction are varied with rectangular inlets only. Rotor sizes of 5ins to 20ins. Round and square inlet versions.



KLEAN LOK

Klean Lok is a specially designed hygienic airlock for use in the food and pharmaceutical industries. Constructed from stainless steel, it has CNC machined externals as well as internals, creating a completely smooth, easy clean surface. It is available from 6ins thru to 12ins with a quick release option to facilitate rapid breakdown for cleaning inside.



DOUBLE DUMPS

Double Dumps are suitable for discharging dry dust, powder granules and fibrous materials from silos whilst maintaining an effective gas seal. The unit is suitable for pressure differentials of up to 20ins WG and is available cast, in sizes from 6ins to 12ins and fabricated up to 24ins.

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• DIVERTERS •



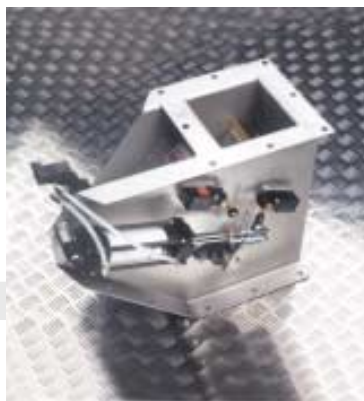
CONVEYING DIVERTERS

Designed to meet the pneumatic conveying industry's requirement to re-route powder, pellets or granules from one discharge point to another with minimal pressure drop and high sealing efficiencies. Many construction material options; manual and automatic versions and sizes 1ins to 12ins. Flanged and spigotted types 2½° and 30° divert angles.



PLUG DIVERTERS

Used to re-route powder, pellets or granules from one discharge point to another, the Plug Diverter is suitable for abrasive or high pressure applications, where leakage or cross contamination cannot be tolerated. The materials of construction include aluminum, cast iron and stainless steel. It is available in sizes from 3ins to 12ins.



FABRICATED GRAVITY DIVERTERS

Flexibility in sizes, angles and materials of construction are available. 2 way and 3 way versions are offered with manual or automatic operation. Rotolok will meet your special needs.

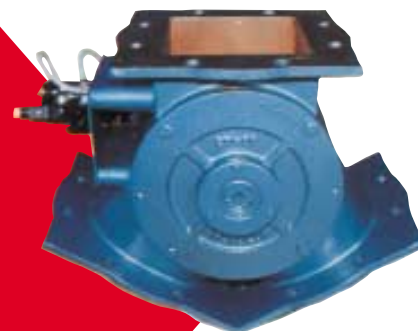
WEIGH VALVES

A natural extension to the Conveying Diverters and used on small bulk handling systems where product is conveyed to a bulk bin which is process weighed. Available in sizes 2ins thru to 8", it shares the same features and construction materials as the conveying diverters.



CAST GRAVITY DIVERTERS

To meet the demands of the food and chemical industries, Rotolok has a range of 6, 8, 10 and 12ins square inlets and outlets of high quality diverters, precision machined to minimize dust escapement to the sealed leg. Versions are manual or automatic.



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• OTHER ROTOLOK PRODUCTS •

- Rotary Airlocks
- Conveying Diverters
- Blowing Seals
- Double Dumps
- Fabricated Slides
- Slim Slides
- Rotoslides
- Rotoflex Valves
- Slimflex Valves
- Butterfly Dampers
- Weigh Valves
- Plug Diverters
- Screw Conveyors
- Gravity Diverters
- Rotospeed Switch
- Level Lok
- Pipe Couplings
- Ni Hard Bends
- Special Designs

Rotolok has always endeavoured to meet its client needs. Special valves and products are Rotolok forte.



HEAVY DUTY VALVE



DUST COLLECTION VALVE



SPIGOTTED DIVERTER VALVE



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