



The Dynamic Air Crossover Switch is ideal whenever two different pneumatic conveying systems must be linked together for crossing over conveying lines to alternating use points. Since simultaneous conveying can be accomplished by utilizing one crossover switch, it simplifies the conveying line routing and equipment required whenever the crossover feature is required.

The smooth full-bore design maximizes system performance and provides the lowest pressure drop when pneumatically conveying through the switch. During conveying, all ports are sealed with proven inflatable seals so that two different pneumatic conveying systems can simultaneously convey through the crossover switch. Each hose connection to the switch includes a low-friction swivel for kink-free hose movement.

The Crossover Switch comes complete with a proven Geneva drive system and position sensors for each port powered by an electrical motor for exact port-to-port positioning.

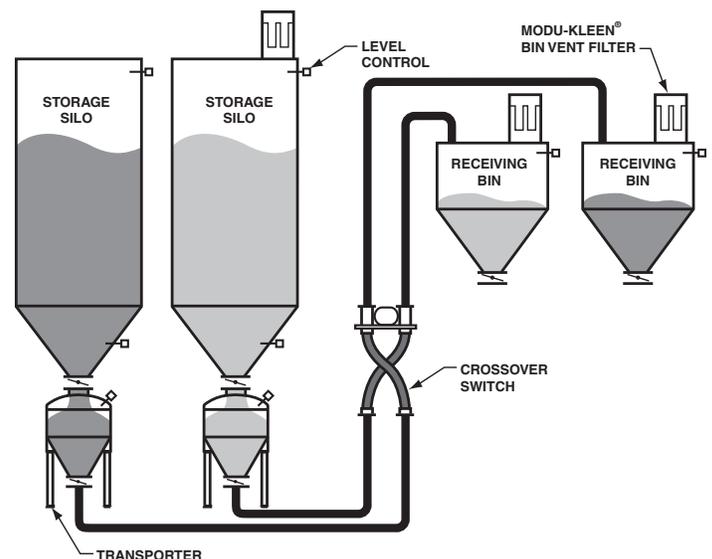
Features

- Heavy duty hoses
- Low voltage control
- Full-bore design
- Inflatable seals
- 100 PSIG design
- Conveys two ways
- Position sensors standard
- 220/440 electrical motor drive

The Crossover Switch will handle:

- Alumina
- Ball clay
- Barite
- Bauxite
- Bentonite
- Borax
- Calcium carbonate
- Cement
- Feldspar
- Fine coal
- Flour
- Fluorspar
- Fly ash
- Gypsum
- Iron oxide
- Kaolin clay
- Lime
- Milk powder
- PVC resin
- Quartz
- Silica sand
- Soda ash
- Sodium sulfate
- Sugar
- Talc
- And More

Typical Application



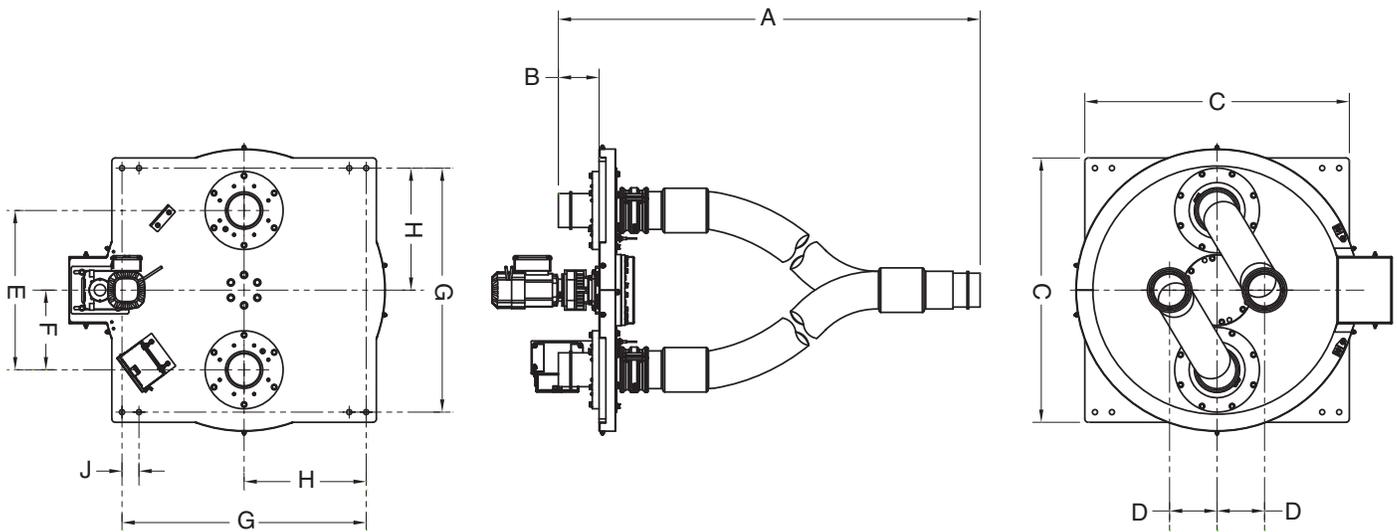
How the Crossover Switch works

An electrical motor drives a large gear to the port of choice and position sensors will determine the exact positioning desired. After the position sensors verify the position, inflatable seals at each port are pressurized to provide a positive, pressure-tight connection between the inlet port and the outlet ports.

Options

- Stainless steel construction
- Food grade construction
- Explosion proof design

Dimensions and Specifications



Convey Line Size	Crossover Switch Dimensions - inches (mm)									Approximate Shipping Weight lbs. (kg)
	A	B	C	D	E	F	G	H	J	
5"	85.00 (2159)	6.00 (152)	39.00 (991)	7.00 (178)	23.50 (597)	11.75 (298)	36.00 (914)	18.00 (457)	2.50 (64)	1200 (544)

Dimensions are for reference only and are subject to change without notice.

Power requirements

Electrical supply: 120 volt, single phase, 60 hertz

Air supply: 90-100 PSIG (6.2-6.9 barg)

Operating temperature

150° F (66° C)

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Conveying Systems

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