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NEWS RELEASE

TO THE EDITOR

FOR IMMEDIATE RELEASE

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How to solve a roller problem in heavy doors

Closter, NJ: There is nothing more annoying than entering a hotel, airport or local department store through a noisy sliding door that labors with jerky movements to open. We have grown accustomed to an effortless opening of sliding doors, a silent welcome when entering a prestigious establishment or public place.

State of the art entrance systems need to meet the highest demands for quality, design and safety, yet ensure functionality, reliability and long life. They have to satisfy frequent use in different climates with large volumes of people and often baggage passing through 24/7. The smooth and steady sliding depends largely on the guide rollers riding in tracks.

It seems that architectural designs call more and more for larger and heavier sliding doors, causing the standard plastic rollers used in lighter duty doors to develop flats and wear out in a very short time. Installing these heavy sliding doors with Intech Power-Core™ guide rollers will curtail the need for constant monitoring and replacement of worn components in the door system which would otherwise cause breakdowns.

Intech guide rollers are precision machined and fitted with high quality ball bearings for easy and smooth rolling motion. They can carry higher loads, compared to conventional plastic, and offer better resistance to the elements. They do not swell in moisture, guaranteeing smooth and quiet rolling in high humidity, and unlike other plastic rollers do not become brittle in sub-zero temperature retaining their load carrying capacity. To ensure long lasting performance, Intech engineers developed a roller durability calculation, which allows us to match the roller design with desired wear life.

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The engineering does not end with the calculation. So for example, we helped a customer to extend roller life on a 500lb door panel by ensuring that each of the four 1 ¼" guide rollers would shoulder their load. We designed a swiveling trolley with two load carrying rollers to ensure that the load to each roller is distributed evenly. Two of the trolleys carry the door panel. A third roller, mounted independently on this custom design was used to prevent the heavy door panel from swinging sideways (see image 1.) As an alternative, a pair of two wheel trolleys, available from stock with the rail, (like those seen in image 2.) can carry a door panel weighing 400lbs.

Intech guide rollers are used in sliding doors on ships, trains and airplanes as well as in many architectural installations, and find their origin in demanding industrial applications. Intech Corporation is constantly striving to improve its roller designs and help our customers extend the life their products in heavy duty applications.

Intech Corporation was founded in 1983 by Georg Bartosch. We specialize in the design and manufacture of self-lubricating plastic gears, rollers, and cam followers made of non-hygroscopic Intech Power-Core™ material. Each application is analyzed for durability and extended wear life using proprietary engineering calculations. We help customers reduce costs by running maintenance free motion components at higher speeds, with less down time, no lubrication, and requiring less energy. Low inertia, reduced friction, noise, vibration, contamination, and generally smoother running machines all contribute to lowering the impact of manufacturing on the environment and contributing to customers' efforts to reach sustainable processes.

For MORE INFORMATION, PLEASE CONTACT Mr. Georg Bartosch: Intech Corporation; 250 Herbert Avenue; Closter, NJ 07624; Tel: (201) 767-8066; www.IntechPower.com .

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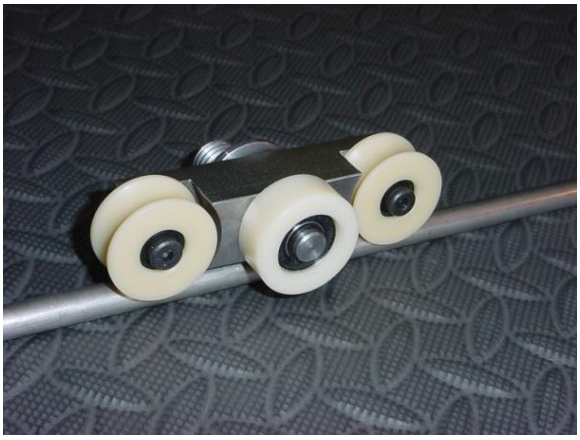

Photo Caption 1): Swiveling two wheel trolley with third guide roller

Photo Caption 2): Two wheel trolley with rail

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