

INTECH Power-Core™

**TO THE EDITOR
FOR IMMEDIATE RELEASE**

NEWS RELEASE

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HIGH SPEED ROLLER REDUCES NOISE, DOES NOT WEAR METAL RAIL

Closter, NJ: Special design, tire material, method of manufacturing and assembly, all contribute to the exceptionally quiet performance of Intech Power-Core™ rollers.

The design marries a precision roller or ball bearing with an Intech Power-Core composite tire. The quiet roller ride can be attributed to the unique tire material with a high degree of crystallinity. The fine crystalline structure exhibits excellent energy absorbing properties while resisting flat development under load. The Power-Core tire protects the metal rail against wear.

Tires are precision-machined, then heated in an oven to 250° to 300° F before the bearing is pressed in through a specially designed snap-in lip. After cooling, the tire is effectively shrunk onto the bearing. The precision-machined tire, with OD tolerance within 0.0001", has excellent roundness contributing to the smooth and quiet ride.

The expected life of the roller in number of roll-overs, and flat-free time under load, are determined with a calculation and data developed by a leading university. Intech's engineering staff also provides design assistance.

For more information, please contact Georg Bartosch (President); Intech Corporation; 250 Herbert Avenue; Closter, NJ 07624; (201) 767-8066, e-mail intechpower@carroll.com.

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