

Omtec Insert Rollers™ are so unique...

they are patented in 21 of the worlds top industrialized countries!

Insert Rollers are unique material handling solutions for workbenches and assembly line workstations.

Omtec Insert Rollers mean minimum effort, less operator strain, More Production!

Omtec Insert Rollers are designed to make workbenches ergonomic friendly.

Omtec Insert Rollers are designed to...

provide easy minimal effort uni-directional movement of items on work surfaces.

Use alone or in combination with all the Omtec Ergonomic Transfer components.



Omtec Insert Roller plastic end caps are gray color.(not shown)

For applications where static electricity is a concern the plastic end caps are ESD Black color (shown).

0.75 inch (19.05 mm) diameter galvanized steel roller with steel ball bearings

Bearing capacity: Insert Rollers: 30 lbs (13.6 kg) See Below

Use Insert Rollers for items with soft bottoms and/or straight paths on surfaces.

For heavier items with hard bottoms and/or items that have to follow a curved path on a work surface use Omtec Insert Wheels

Minimum over all length is 2.625 inches (6.7cm)
Maximum over all length is 20 inches (50.8 cm).
Over 20 inches use combination of shorter rollers.



Rollers available in two heights.

More About Insert Roller Capacity

Examples: A heavy item in a corrugated carton is likely to indent and flex, depending on the quality of cardboard, it would suggest a live loading of 5-10 lbs.(2.27-4.54 kg) per Insert Roller.

The same item on a smooth, hard, solid, flat, non-flexible quality plastic tray would indicate a reasonable live loading of 15 Lbs. (6.8 kg) or less per Insert Roller, for successful, minimum effort, movement.

The same item on a smooth, hard, solid, flat and non-flexible metal tray would indicate a reasonable live loading of 20 Lbs. (9.07 kg) or less per Insert Roller, for successful, minimum effort, movement.

The Omtec Insert Rollers are designed to use alone or in combination with Omtec PBT Ball Transfers, PPD Positioner Pads, Insert Wheels and F1 Ball Transfers.

Virtually all workbench application challenges have solutions!

Put Omtec's field expertise, ingenuity and capability to work for you...

Need more information, have questions?

Complete preassembled ergonomic Insert Roller conversion surfaces are available to fit virtually any work bench!



Free application engineering support is only an e-mail or phone call away!