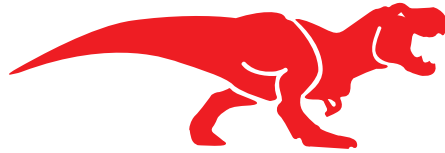


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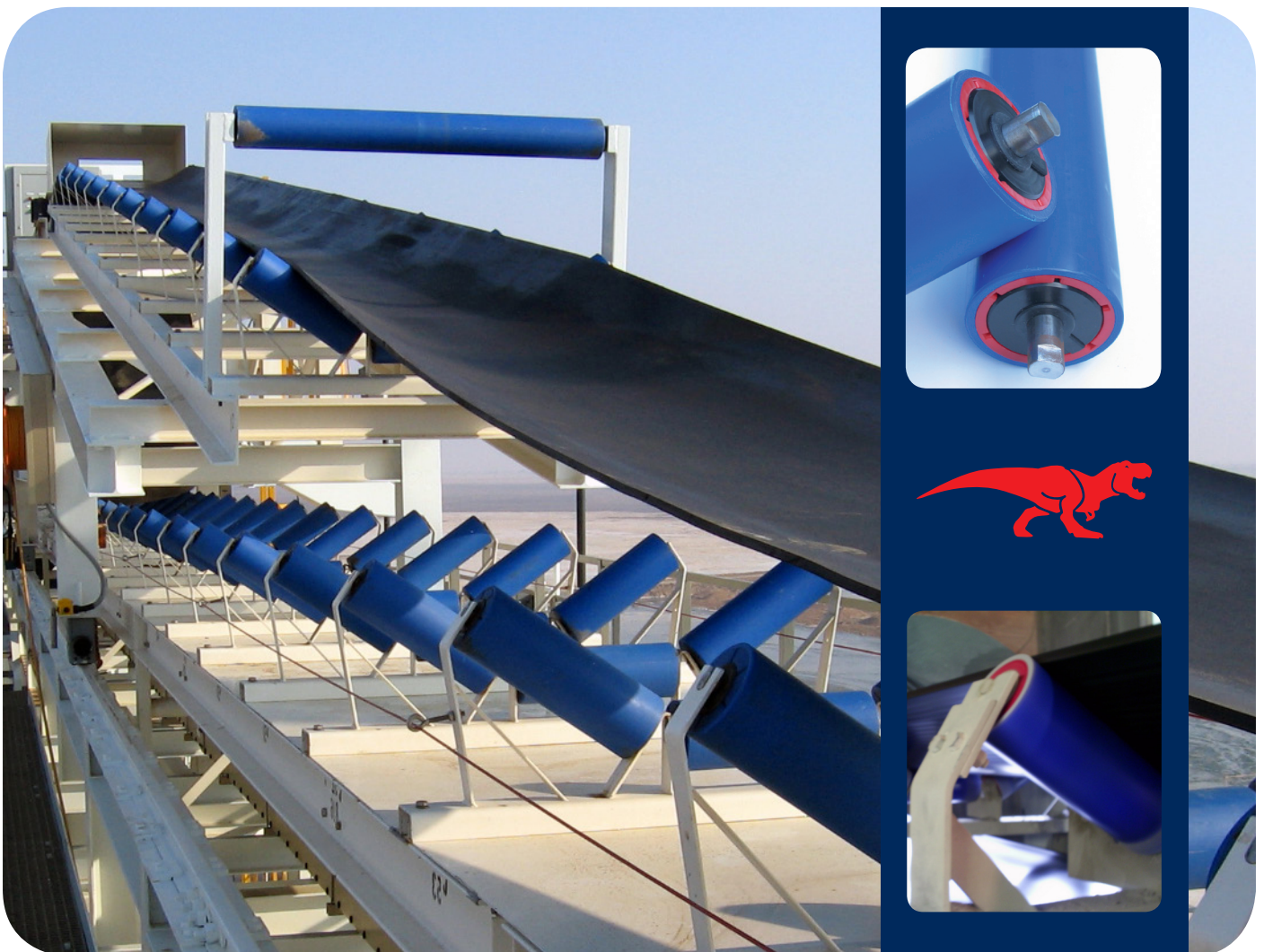
THE TQ ROLLER, A HIGH DENSITY POLYETHYLENE CONVEYOR ROLLER

The TQ roller is a patented conveyor roller that is manufactured from high quality synthetic material. The innovative features of this roller are that the tube and the bearing cases are made entirely from H.D.P.E. This makes for noise-free operation, reduces wear and makes the roller 55% lighter than traditional steel rollers.

The TQ roller is the solution at locations where noise hindrance is a problem. Acoustic measurements have shown that this roller can reduce ambient noise by 10 dB (A), in comparison to a traditional steel conveyor roller.

The threefold bearing protection and a complete H.D.P.E. tube also help to make this conveyor roller highly suitable for outdoors use and for deployment in enclosed production halls.

This roller has been tested extensively in various sectors: Bulk materials handling, sand and gravel industry, compost and recycling, cement and concrete, glass, compost, fertilising factories and so on.



TQ: A HIGH QUALITY HIGH DENSITY POLYETHYLENE CONVEYOR ROLLER

The features and properties of this conveyor roller include:

1. HIGH QUALITY MATERIAL

The tube of the conveyor roller is made from injection moulded H.D.P.E. and is highly shock resistant, acid-resistant, anti-oxidant, anti-alkaline, reduces wear and tear on conveyor belts, has a low adhesive power and is abrasion resistant.

2. A VERY RIGID AND HIGHLY IMPACT RESISTANT PRODUCT

In contrast to steel conveyor rollers, the TQ roller is extremely impact resistant and self-repairing. The groove reinforcements of the tube gives this conveyor rollers the same rigidity as a steel conveyor roller.

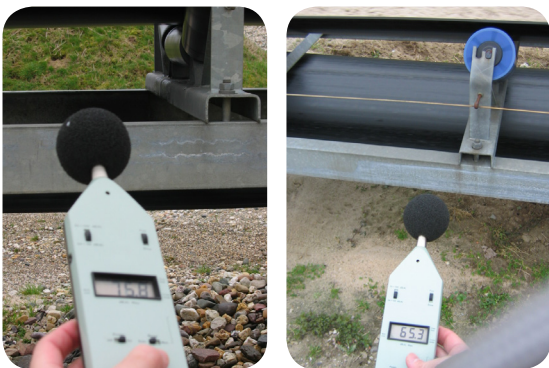


3. EXCEEDINGLY WATERPROOF AND DUST RESISTANT

The TQ conveyor roller provides a triple protection for bearings. Sealing rings guarantee that no water or dust can penetrate the inside of the conveyor roller. A special drainage slot centrifugally drains water from the bearings and the inside of the conveyor roller, keeping them dry under all weather conditions. The patented triple labyrinth seals offer 45% more capacity than traditional steel conveyor roller, for preventing the entry of water and dust.



4. HIGH NOISE ABSORBING CAPACITY



Due to their steel casing and bearing housings, steel transport rolls are acoustic boxes that amplify every noise. The TQ conveyor roller dampens every noise, both in the tube and in the bearing case. This can lead to a decrease in noise production of at least 10 dB (A).

This injection-moulded conveyor roller is perfectly round, while the surface of steel rolls is irregular, due to welded seams.

5. HIGHLY EFFICIENT; CONVEYOR BELT FRIENDLY

Removable unit, homogeneous mass, good rounding, minimal roll resistance, suitable for working at high speeds, energy-saving, low-noise and low performance requirements on motors, does not damage the belt.



6. LIGHT WEIGHT

The TQ conveyor roller is 55% lighter than a traditional steel conveyor roller, making energy and material savings of 25% possible. The reduction in weight by more than 50 % also eases working circumstances, particularly when lifting the conveyor rollers.



7. LOW MAINTENANCE COSTS

Long operating life, no lubrication required, simple replacement, all of which reduces the time required for maintenance works to a minimum.