

TAKRAF[®]



TAKRAF IN-PLANT CONVEYOR SYSTEMS

Optimal solutions for your in-plant handling requirements

Innovation out of tradition – It pays to talk to a specialist!

TAKRAF Group, through its established and well-known brands, TAKRAF and DELKOR, provides innovative technological solutions to the mining and associated industries. We leverage our experience, acquired over more than a century, to provide equipment, systems and services that best satisfy our clients' mining, comminution, material handling, liquid/solid separation and beneficiation requirements. Owners and operators around the world trust our engineered solutions to lower the total cost of ownership and reduce environmental impact by improving efficiency with safe and reliable equipment. For sustainable solutions backed by expert service you can rely on TAKRAF Group. Visit us at www.takraf.com.

We at TAKRAF Group are committed to environmental and social sustainability in all our business interactions and have adopted a Zero Harm approach under our global safety promise.

Owners and operators around the world are confident that TAKRAF Group provides the most suitable solution to their unique project requirements. We assist our clients in overcoming the most complicated challenges in transforming the resource industry towards a sustainable future. We focus on specific areas that are critical for reliable and sustainable operations, as it is here where we best support our clients with innovative solutions that save energy, lower environmental impact and meet or exceed operational requirements.

We are recognized as the world's leading technology provider when it comes to run-of-mine and bulk material handling. Our TAKRAF brand portfolio ranges from overburden removal, to raw material extraction, comminution, conveying, loading/unloading, processing, homogenizing, blending, storage and final loading for onward shipment.

We leverage our global organization and aggregate our extensive expertise by offering a unique combination of both application experience and product based knowledge. Clients therefore benefit from direct technical discussions with our local specialists, who are able to draw upon this expertise and provide the most suitable local solution and service that enhances safety, improves sustainability, decreases costs and increases efficiency.

Our commitment is summarized by:

S a f e t y | R e l i a b i l i t y | I n n o v a t i o n | S u s t a i n a b i l i t y



IN-PLANT CONVEYOR SYSTEMS

Our in-plant conveyor systems are employed within the mining, processing and power generation industries to receive, unload, stockpile, reclaim and deliver ore, fertilizer, coal or a variety of other bulk material within a plant.



IN-PLANT CONVEYOR SYSTEMS

Our in-plant conveyors interconnect other system equipment such as ships, barges, wagon loaders or unloaders, truck dumps, stackers, reclaimers, storage bins or hoppers, feeders, crushers and screens. Depending on requirements, they can also integrate belt scales, metal detectors, magnetic separators and various types of material analyzers and sampling equipment.

Conveyor lengths can vary from short distances of just a few meters up to approximately 1.6 km (1 mi). Belt widths

typically range between 457 mm (18 in) and 2,133 mm (84 in) depending on the capacity and application required. Our in-plant conveyors can be located indoors or outdoors and can be constructed of simple stringers and post supports or be elevated on deck-type trusses or in rectangular or tubular galleries.

Conveying capacities also vary from a few tons per hour up to 7,500 t/h.



IN-PLANT CONVEYOR SYSTEM FEATURES AND OPTIONAL EQUIPMENT

- Flat, 20, 35 or 45 degree troughed conveyor belts
- Horizontal, inclined, vertical curve and reversible profiles are available
- Deck-type truss, walk-thru gallery or tubular gallery configurations are available
- Enclosed or open style conveyor construction
- Conveyor galleries can be insulated and heated for cold climate applications
- Transfer chute replaceable liners of the appropriate material for the product being handled
- Dust control via dust collection, dust suppression or dry fog systems
- Traveling trippers and shuttle conveyors available for filling silos or forming storage piles

SERVICES AND TECHNICAL BACK-UP

- Our in-plant conveyor systems can be offered on a design/supply basis or as turnkey installations – design is conducted in-house by experienced TAKRAF engineers
- Replacement parts and field services are available from our global after sales service and assistance teams



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