

APRON FEEDER - CONVEYOR

TracMec Conveyor are engineered for heavy-duty operation and can be used for various applications, to suit dimensions, material capacity requirements, and client specific application (also in mobile plants).



Construction based on undercarriage components

TracMec conveyor are built with components used on tracked undercarriages, such as heavy duty rollers, sprockets, idler rollers, chains and pans coming from commercial shoes profile.

- Impact loads are absorbed by pans
- Pans are bolted to forged link chains supported on appropriate lifetime lubricated rollers
- High strengths pans resist abrasion and withstand heavy impact loads
- Chain and roller flanges maintain rigid alignment of pans, during movements
- Electrical or hydraulic motion is available

Structure with cross beams and rollers

The simple and strong structure allows easy maintenance to guarantee the reliability of the feeder.

The supporting rollers are bolted on the welded structure, which allows a quick and easy maintenance.



Chains

Unique modular concept.

For easy assembly and maintenance, TracMec provides a modular chain assembly with master link section. This kind of chain, and consequently the feeders, could be modular.

Close tolerances ensure interchangeability.

- The chain can be easily assembled or disassembled by opening at the master link
- Chain links are hardened to increase focused strength and resistance

Oil / Grease lubricated chains

- Wear reduction between pin and bushing
- Life increase of the chain
- Reduction of noise

Pans

Steel pans (shoes) used on TracMec feeder, are widely used on tracked undercarriages. For this reason are well tested and have known performances, in order to be used on the most heavy-duty conditions.

Pins and Bushings

Sealed chain prevents entry of dirt and minimizes wear.

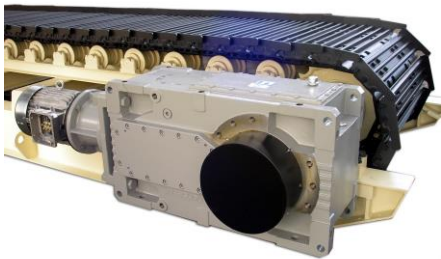
All mating components and contact surfaces are hardened for wear resistance.

- Pins are induction hardened for high wear resistance.
- Bushings are properly tempered , in order to eliminate crack breaking during assembly and disassembly.

Drive sprocket

Sprocket segments and drive sprockets resistant and reliable

- TracMec apron feeders are provided with sprocket segments, with a strong structure and hardened for wear resistance



Gearboxes

Excellent quality gear reduction

- TracMec uses gearboxes in order to guarantee excellent performance and quality during all the system life

Gear parts are protected against entry of dust, by a metal gear guard.

Idlers

Designed for even distribution of loads

Idles are designed for heavy-duty loads, with steel rollers, in order to distribute loads on contact surfaces.

- The idlers are fixed onto a cylinder which put the chain in tension
- They are maintenance free due to lifetime lubrication seals

Contact our Sales Team!

www.tracmec.com