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TECHNICAL SPECIFICATIONS - TYPE 10

# CONSTRUCTION BELT CONVEYOR

Lengths : 8 m, 10 m, 12 m and 14 m



# Experts

in continuous handling

we design solutions that optimise your logistics and boost your **competitiveness.**



## ● The offer

is based around a complete range of mobile belt conveyors, available immediately and customisable thanks to our dedicated accessories.

## ● For specific projects

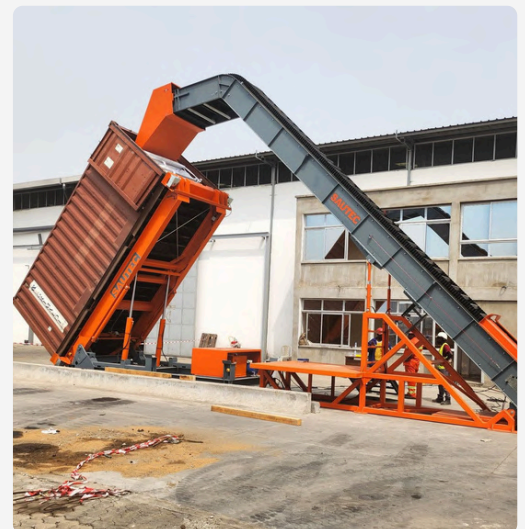
we design and manufacture entirely customised equipment and perfectly aligned with your requirements.



## Since 2007,

SAUTEC has been a reference in the design and manufacture of mobile belt conveyors.

Our multi-sector expertise and international presence testify to our ability to deliver reliable and innovative solutions. Hundreds of customers rely on us to optimise their logistics operations and modernise their handling processes, making us a key partner in the sector.





TYPE 10

# CONSTRUCTION CONVEYOR BELT

Robust, high-performance equipment designed to facilitate the transfer of all types of bulk materials: soil, rubble, excavated material and much more.

## PRODUCTIVITY AND SECURITY

Convey up to 250T/h of materials without interruption and reduce the risks associated with repetitive manoeuvres and the movement of site machinery in confined spaces.

## SIMPLE AND VERSATILE

The site conveyor is easy to use and adapts to your changing needs. Easy to move thanks to its wheels and drawbar, it can be customised at any time by adding accessories (hoppers, end chutes, etc.).

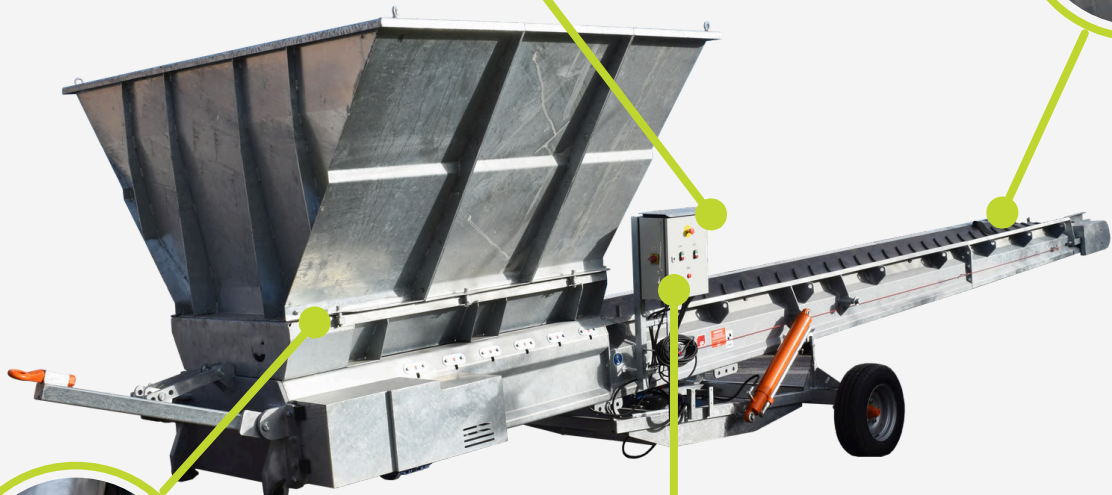


## Strong points

Motorised hydraulic pump.  
For **precise adjustment of the angle of inclination of the conveyor.**



Robust rubber belt with 16 mm high chevrons **for transferring all types of material.**



The hopper can be added and/or removed at any time, without tools.  
**The conveyor adapts to your needs.**



Frequency inverter to control belt speed: **from -60% (20hz) to +40% (70hz).**

	Conveyor length			
	8 m	10 m	12 m	14 m
Supply	Three-phase electric 400 V			
Belt width	800 mm			
Belt type	Rubber belt with chevrons 32 mm			
Belt speed	75 m/min	75 m/min	75 m/min	75 m/min
Gearmotor	5,5 KW	5,5 KW	7,5 KW	7,5 KW
Output height (at 25°)	3,5 m	4,3 m	5,3 m	6,1 m
Weight	≈ 2 200 kg	≈ 2 400 kg	≈ 2 800 kg	≈ 3 000 kg

## Technical description

Mobile device with pneumatic road equipment and a drawbar.

Rubber band, 600 mm wide, in trough on TRIO stations, welded endless, with chevron 16mm height.

Adjustable tilt by height adjustment with 2 hydraulic cylinders operated with a manual pump and equipped with a double safety device.

Gearmotor with hollow shaft in direct mounting, power plug 400 Volts three-phase + earth, with removable protective cover without tools, electric box including thermal protection, on/off button, emergency stop button and bilateral emergency stop cable.

Maximum capacity 250 tph for a product with a density of 1.8 kg/dm<sup>3</sup>.

Frequency inverter to adjust speed between -60% (20Hz) and +40% (70Hz).

63 mm diameter galvanised steel belt-holding and return rollers.

Drive drum and return drum with removable hub.

Inner scraper with pressure adjustment and loading hopper with side flaps, double rear sealing flaps and additional sealing flaps.

Galvanised steel assembly.

10M power cable with 16A or 32A 4-pin 3P + T socket with phase inverter.

Protection of return drum for operator safety.

Lifting plates with weight and centre of gravity indication for safe unloading.

Equipped with a plating operating manual attached to the chassis.

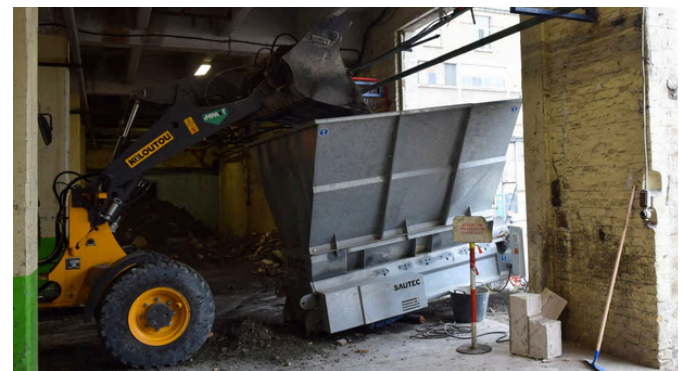
Complies with regulation (EU) 2023/1230 of the European Parliament of the Council on machinery.

## Accessories (non exhaustive list)

### End chute



### Loading hopper



### Round hopper



## Site rubble removal

Optimising rubble removal on an earthworks site: the site conveyor is used to transfer 900 m<sup>3</sup> of material from inside a warehouse to a tipper lorry parked outside.



VIDEO



## Adjustment work

A 14 m construction belt conveyor for transferring sand and soil inside a cloister that is inaccessible to traditional site machinery.



VIDEO



## Recycling materials

Use of a construction site conveyor to progressively feed a liming station. The wide hopper makes it easy to feed the conveyor using a screening bucket.



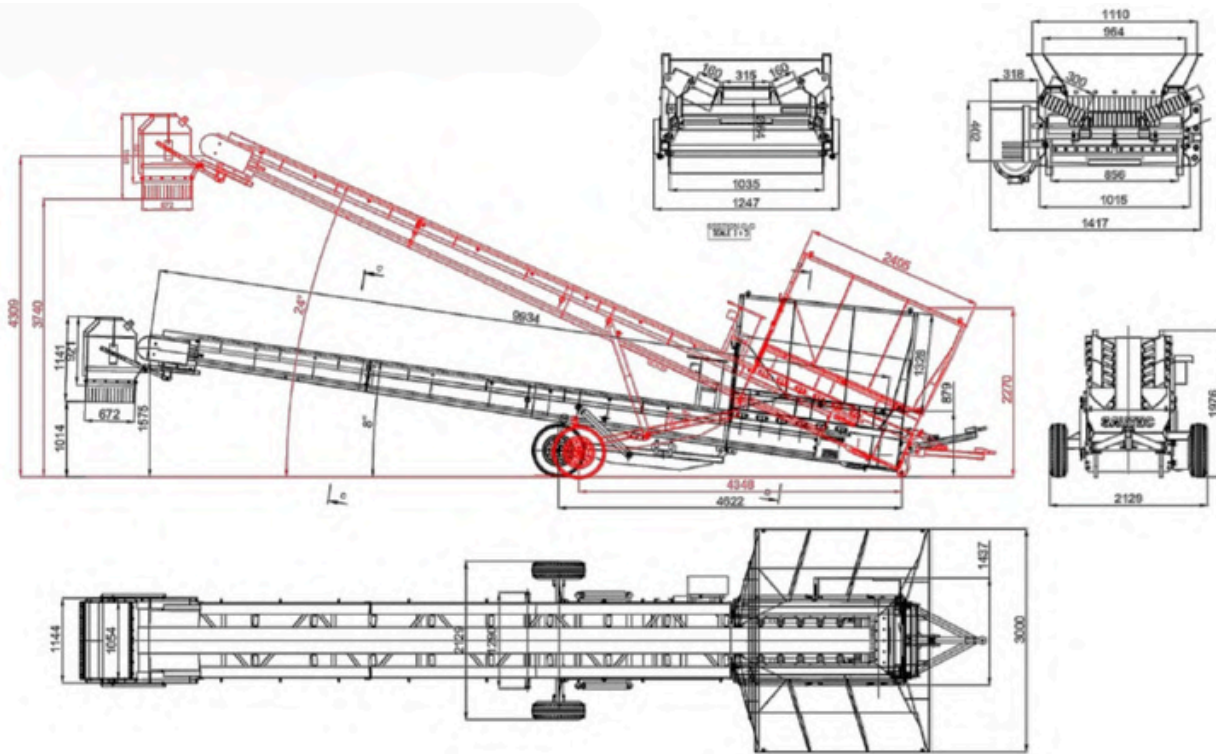
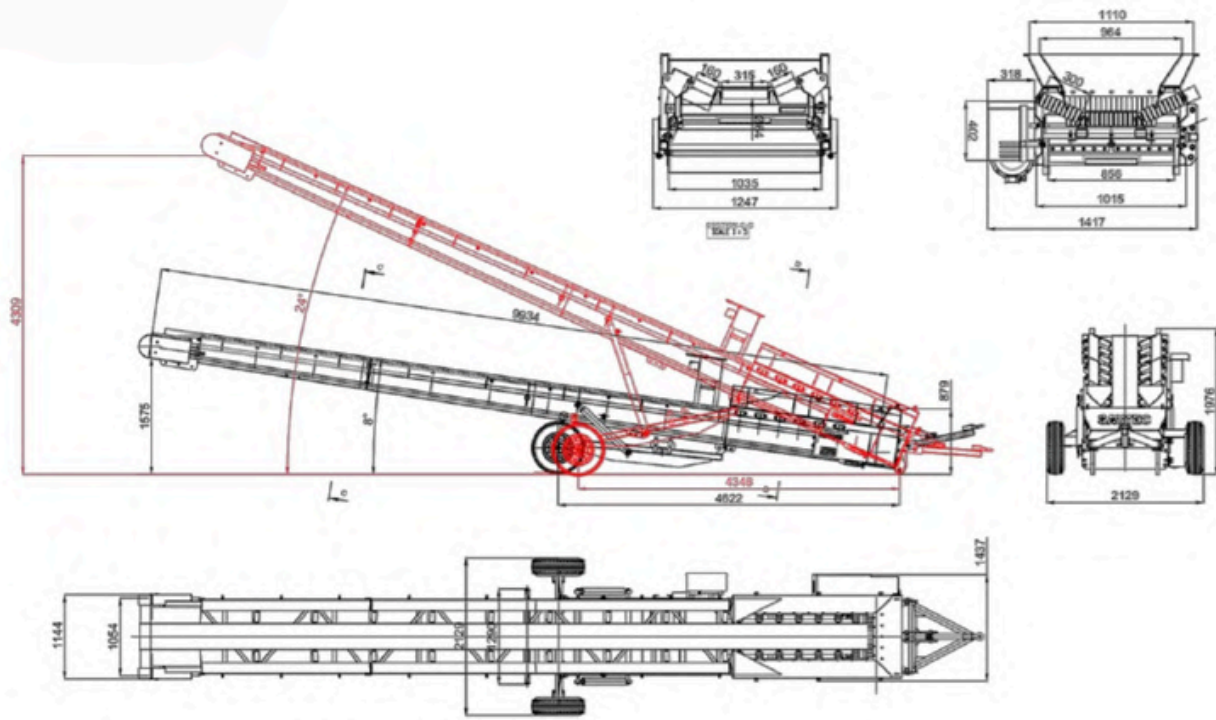
VIDEO





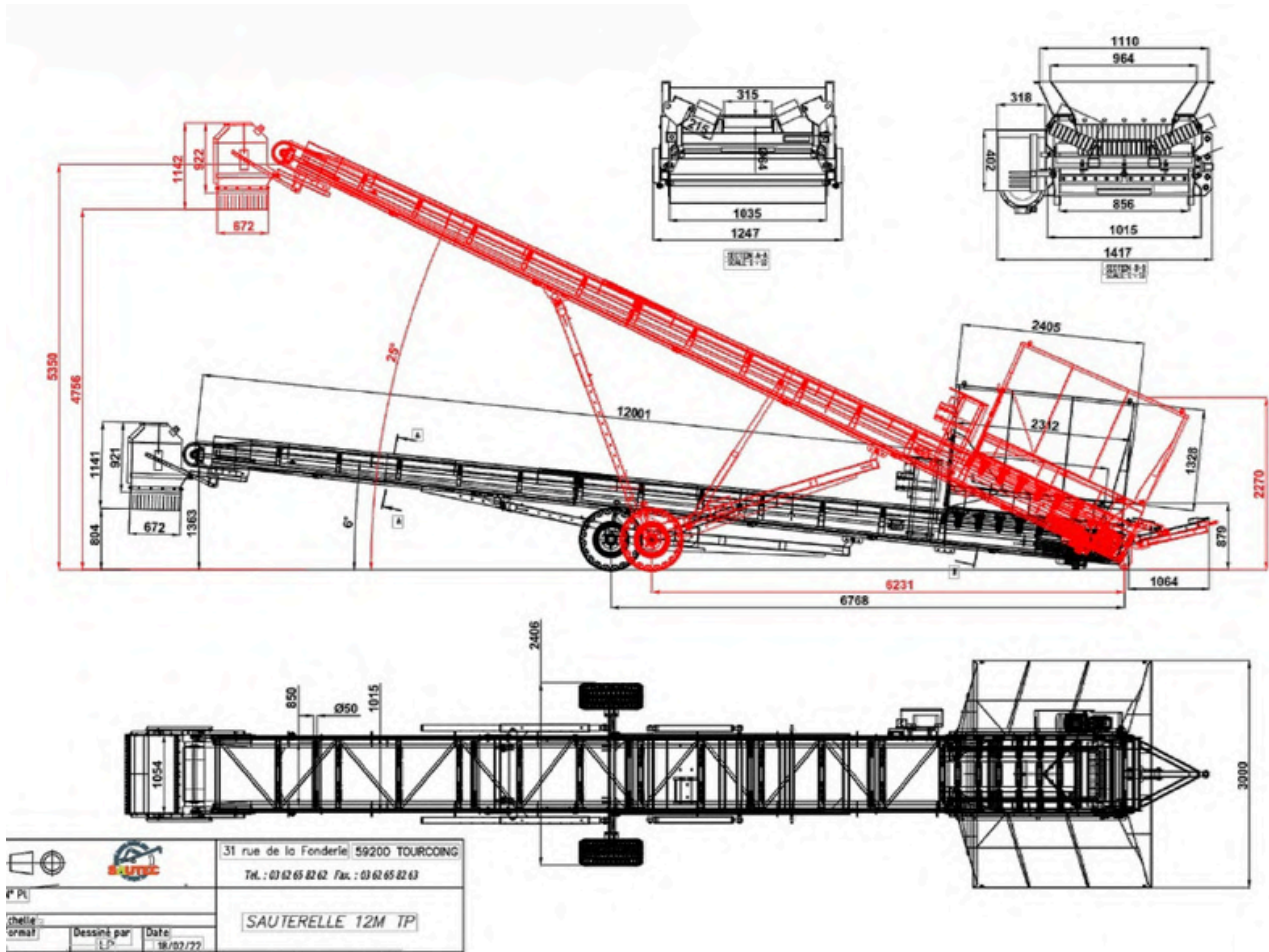
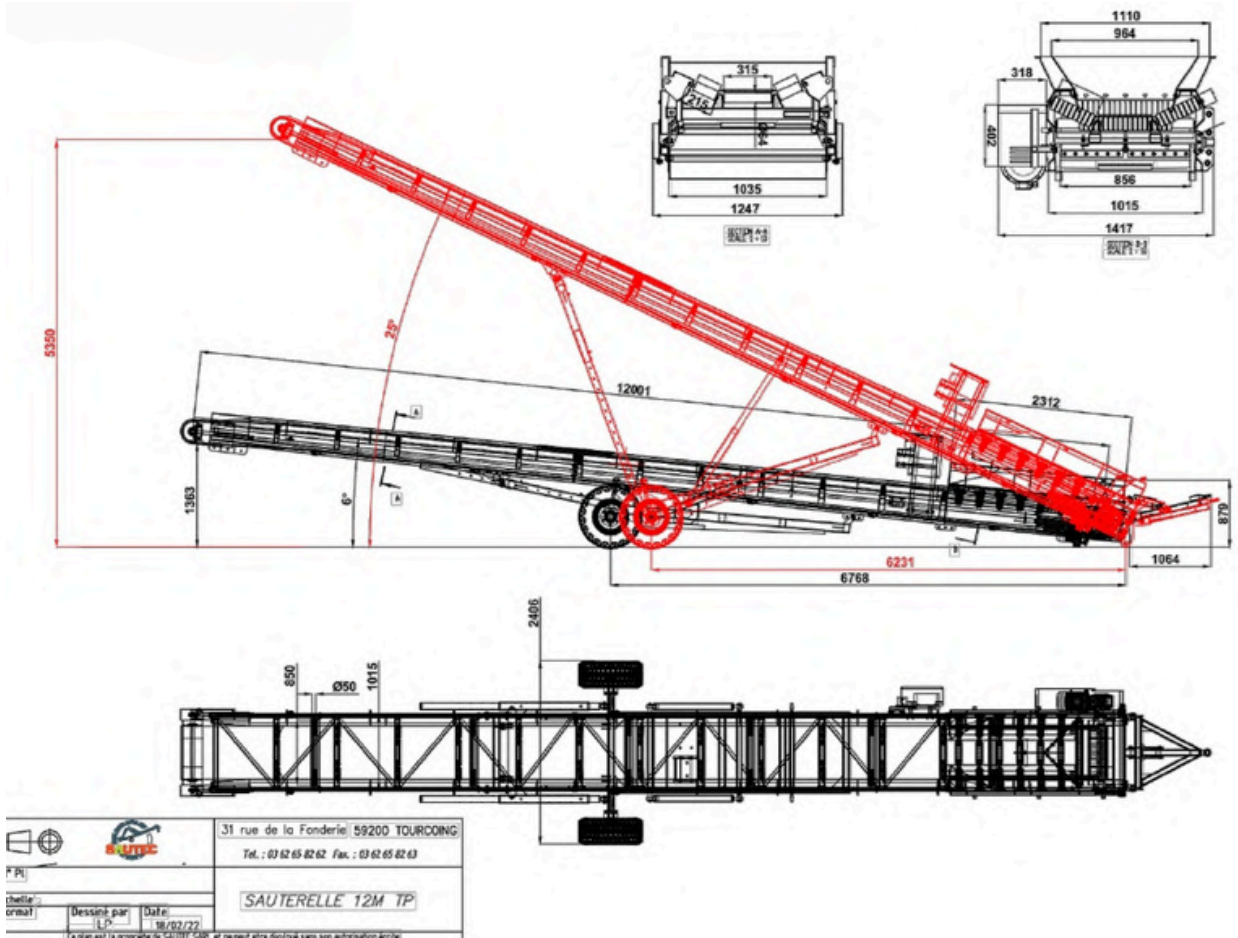
# 10 m construction belt conveyor plans

TYPE 10



# 12 m construction belt conveyor plans

TYPE 10



# 14 m construction belt conveyor plans

TYPE 10

