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TECHNICAL SPECIFICATIONS - TYPE 01

# BELT CONVEYOR

Lengths : 6 m, 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.



# 6M-14M BELT CONVEYORS

Our most versatile belt conveyor. Designed to meet the many needs of farmers and bulk professionals.

## VERSATILE AND FLEXIBILITY

Your business and your needs may change. The grain belt conveyor can be adapted to a wide range of handling scenarios and can transport a wide variety of bulk products: grain, fertiliser, agricultural waste, etc.

## SIMPLE AND USEFUL

This conveyor is easy to pick up. No special skills are required. The main components of the grain belt conveyor are easy to access, making cleaning and maintenance operations simple. The aim is to make your day-to-day work easier, without compromise.



## Strong points



4-pin plug with phase reverser and power cable. **Ready to use, just plug it in and you're ready to go.**



Lifting plate with indication of weight and centre of gravity. **Facilitates lifting operations.**



Predisposition to add and/or remove various optional equipment at any time. **The grain conveyor adapts to your needs.**



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



Removable, airtight belt cover. **For long-lasting use.**



Wheels and drawbar. **The belt conveyor is easy to move.**

	Conveyor belt length				
	6 m	8 m	10 m	12 m	14 m
Supply	Three-phase electric 400 V				
Belt width	600 mm				
Belt type	Rubber belt with chevrons 32 mm				
Belt speed	90 m/min	90 m/min	90 m/min	90 ou 120 m/min	90 ou 120 m/min
Gearmotor	3,0 KW	3,0 KW	4,0 KW	4,0 or 5,5 KW	5,5 KW
Output height (at 30°)	3 m	4 m	5 m	6 m	7 m
Weight	≈ 800 kg	≈ 1 160 kg	≈ 1 260 kg	≈ 1 600 kg	≈ 1 900 kg

## Technical description

Mobile device with pneumatic road equipment and a drawbar.

Rubber band, 600 mm wide, in trough on DUO stations, welded endless, with chevron 32mm height.

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

- Hydraulic safety with pressure distribution in the cylinders and parachute valves.
- Mechanical safety by locking the cylinders.

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.

Rubber-coated drive drum with removable hub.

Smooth return drum with removable hub.

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

Painted steel assembly.

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

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

Protection of return drum for operator safety.

Equipped with a plastic operating manual attached to the chassis.

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

## Corrosive atmosphere

For handling corrosive products or carrying out operations in wet or salty environments, we offer several types of construction.



### LEVEL 0 | Galvanised steel

Galvanised steel construction. Recommended for handling products in saline environments. Not recommended for handling ammonium nitrate fertilisers.

### LEVEL 1 | Epoxy paint

Construction in special fertiliser epoxy paint.

### LEVEL 2 | Epoxy paint and steel components

Construction in special fertilizer epoxy paint. All components (rollers, drums, stations and screws) are made of stainless steel.

### LEVEL 3 | Stainless Steel 304

Made entirely of 304 stainless steel. Recommended for handling corrosive products such as fertilisers.

### LEVEL 4 | Stainless Steel 306

Integral 316 stainless steel construction. Recommended for highly corrosive and/or food environments.

## Receiving and storing grain

Grain storage during the harvest period. The round hopper makes it easy to receive grain, while the pivoting front wheels optimise storage space.



VIDEO



## Ground storage of corn cobs

Feeding from a truck unloader, the grain belt conveyor enables immediate storage of corn cobs. The pivoting front wheels and motorised end chute ensure good distribution of the maize.



## Temporary material transfer

Temporary bulk material evacuation system for maintenance. Each belt conveyor is equipped with anti-tilt feet and belt covers for safe operation.



We have a wide range of accessories to enable you to adapt your belt conveyor to your needs. Most of these accessories are held in stock and can be added or removed at any time, without drilling or modification.



## ROUND HOPPER

Versatile, airtight and low height

1,5 m x 1,5m



## WIDE HOPPER

Large width for grains trailers and backhoe bucket

3m x 1m with adjustable exit hatch



## OPEN HOPPER

Versatile, for all products and good airtight

1,5m x 1,54m



## END CHUTE

Product guidance

Adjustable inclination | Output DN 300



## ROTATING END CHUTE

Product distribution

Rotation by cable | Length 1,5m



## PIVOTING WHEELS

To optimise the storage and loading of dumpsters

Manual pivoting | Pivot and crank handle



## COVER BELT

Weather protection and dust reduction

Cover belt section: 1m



## ANTI TILT BASE

Additional safety during operations

Height adjustable feet



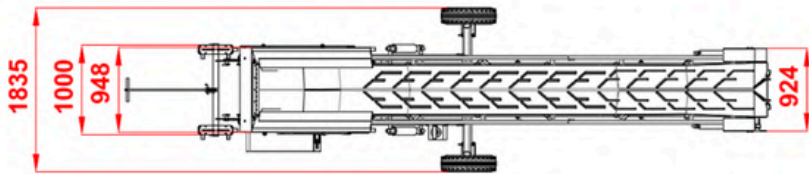
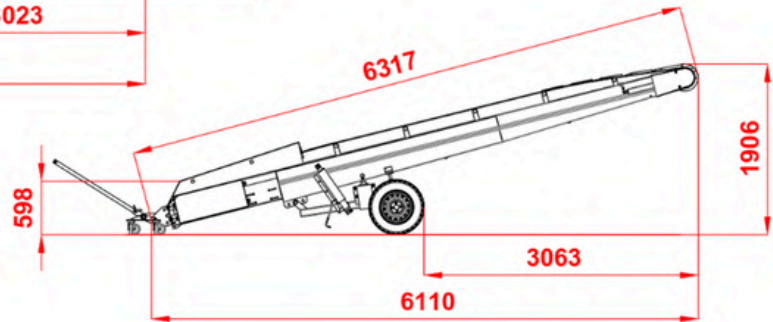
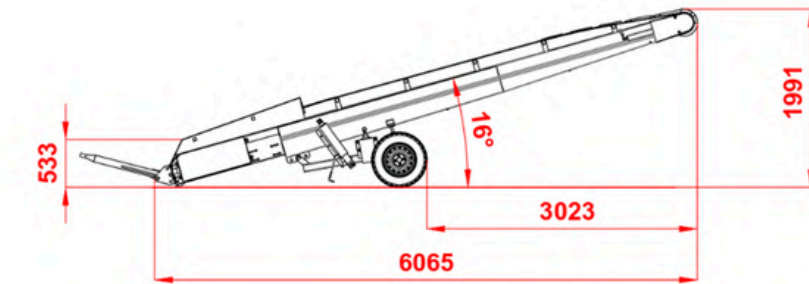
## FREQUENCY INVERTER

Flow rate adjustment

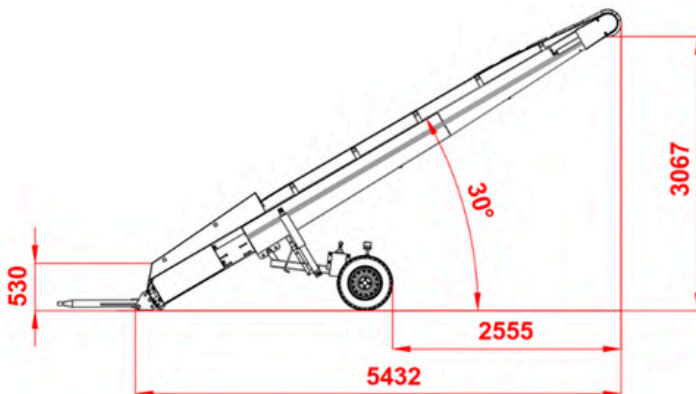
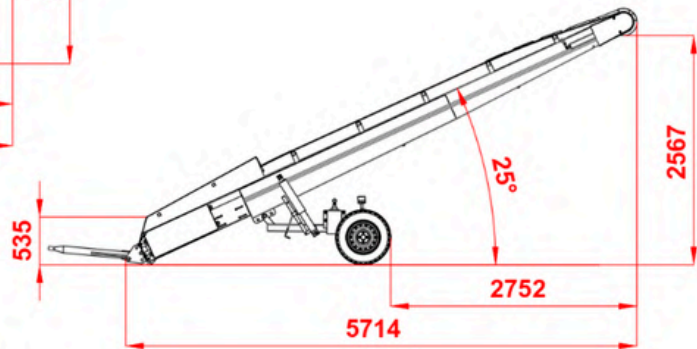
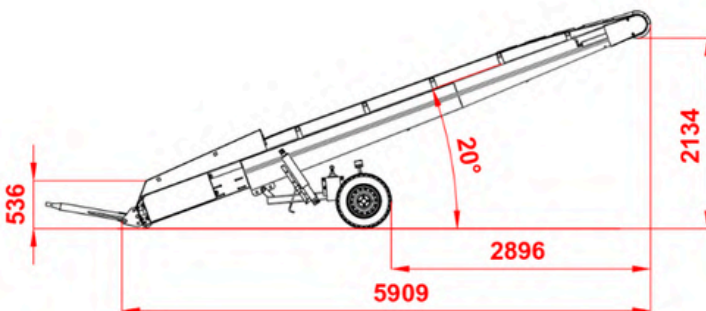
From -60% (20hz) to +40% (70hz)

# 6 m belt conveyor plans

TYPE 01



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N° PI		Ass. Sauterelle 6m	
Echelle:		Matériau:	
Poids kg	Dessinateur	Date	Trémie standard
		16/02/22	

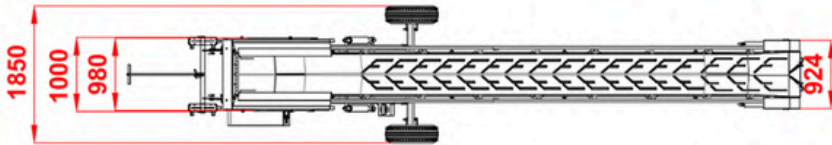
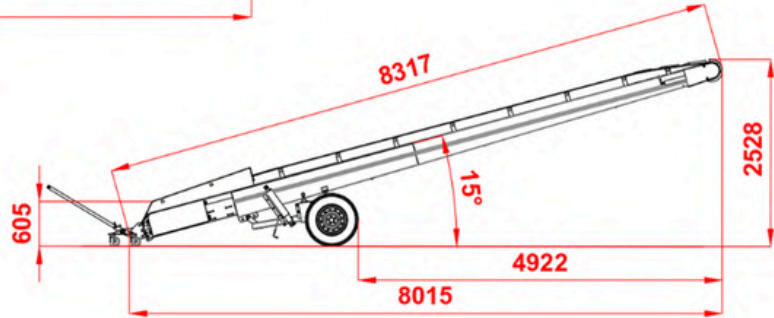
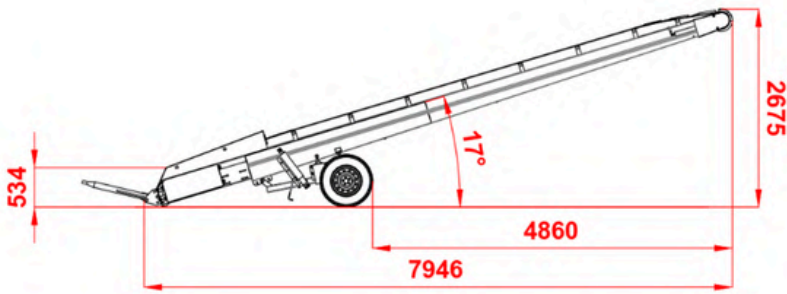


		31 rue de la fonderie 59200 TOURCOING tel. 03 62 65 82 62 Mail: www.sautec.fr	
N° PI		Ass. Sauterelle 6m	
Echelle:		Matériau:	
Poids kg	Dessinateur	Date	Trémie standard
		16/02/22	

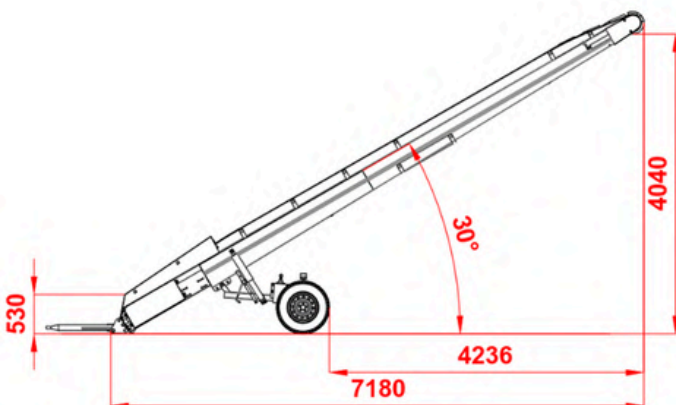
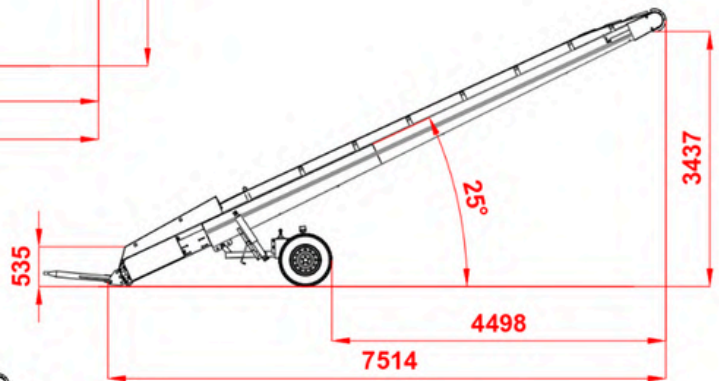
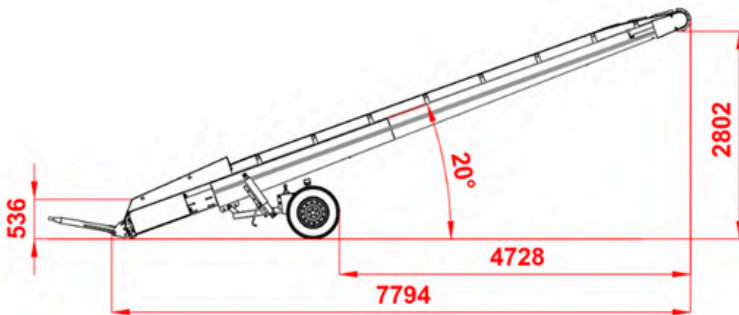
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# 8 m belt conveyor plans

TYPE 01



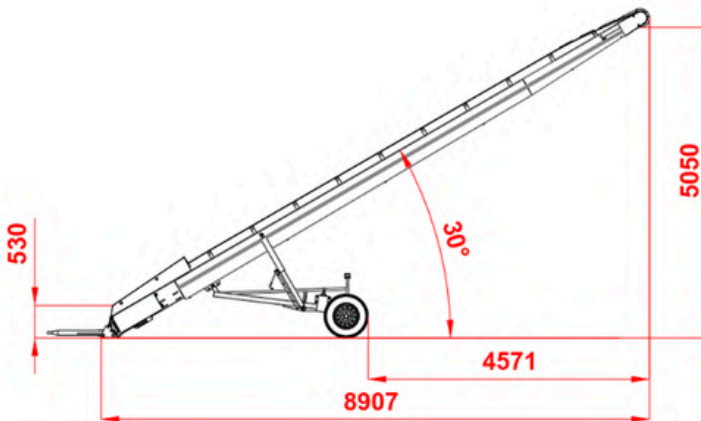
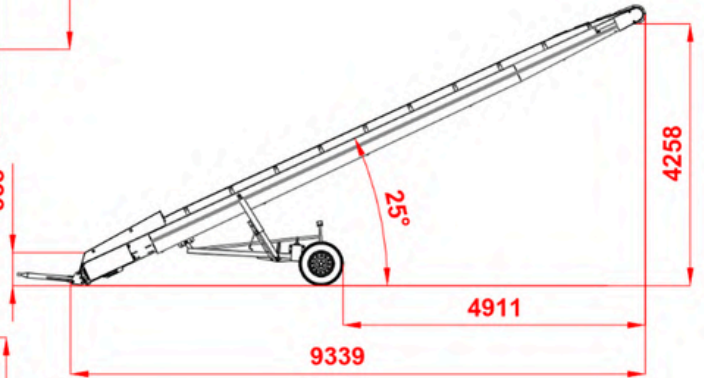
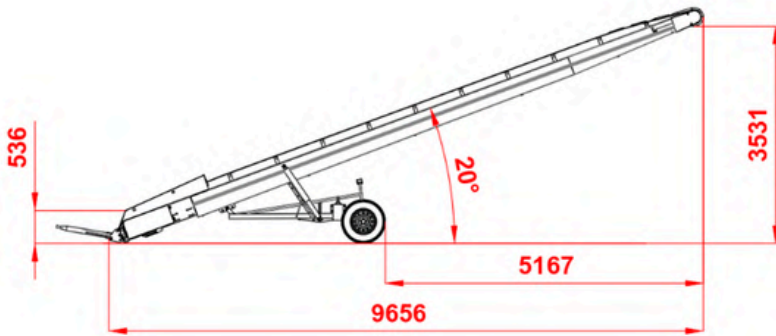
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N° PI		Ass. Sauterelle 8m	
Echelle:		Trémie standard	
Poids kg	Matière : Dessinateur	Date	
		16/02/22	



		31 rue de la Fonderie tel. 03 62 65 82 62	59200 TOURCOING Mail: www.sautec.fr
N° PI		Ass. Sauterelle 8m	
Echelle:		Trémie standard	
Poids kg	Matière : Dessinateur	Date	
		16/02/22	

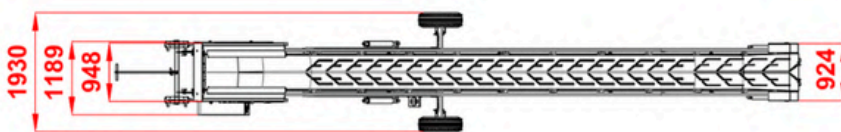
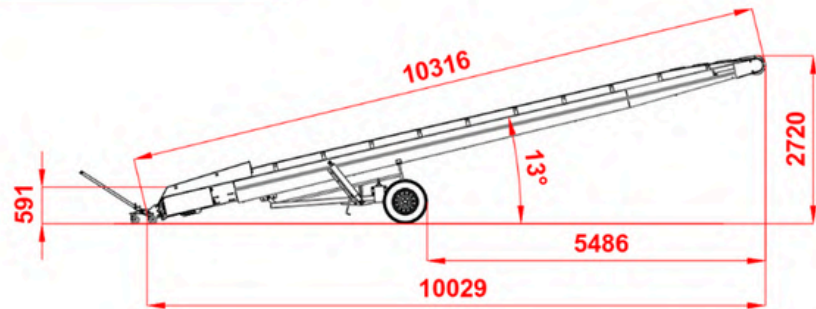
# 10 m belt conveyor plans

TYPE 01



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N° PI		Ass. Sauterelle 10m	
Echelle:	Matière :	Trémie standard	
Poids kg	Dessinateur	Date 16/02/22	

Le plan est la propriété de SAUTEC S.A.R.L. et ne peut être divulgué sans son autorisation écrite.

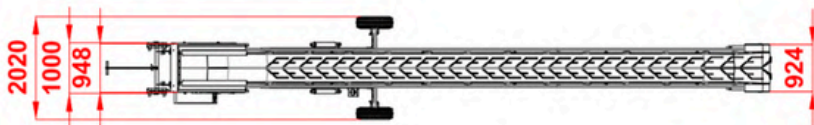
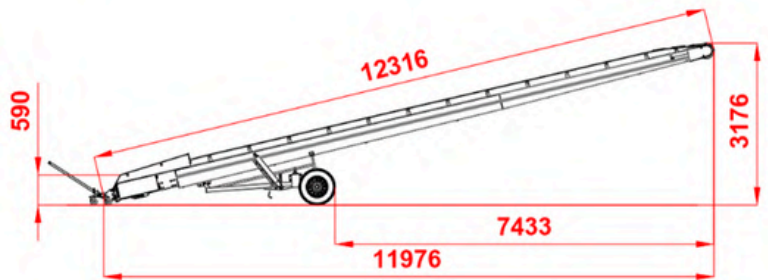
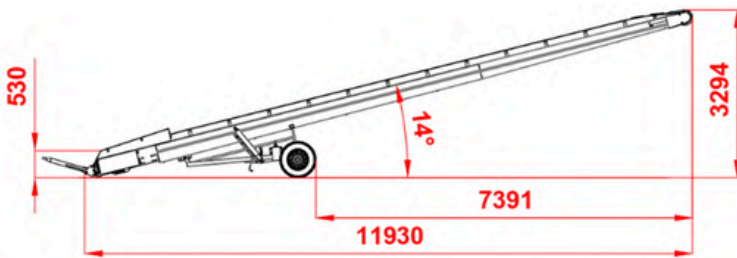
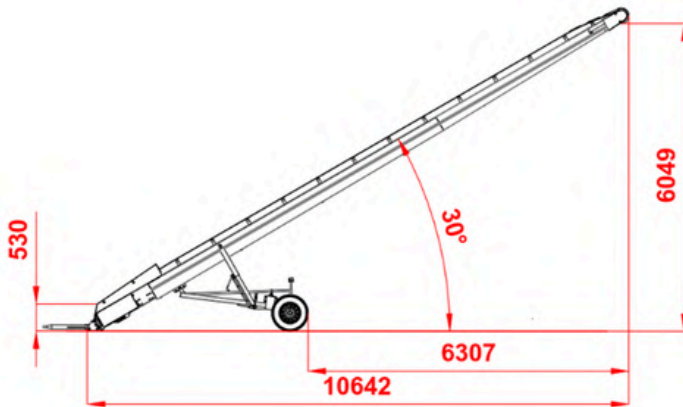
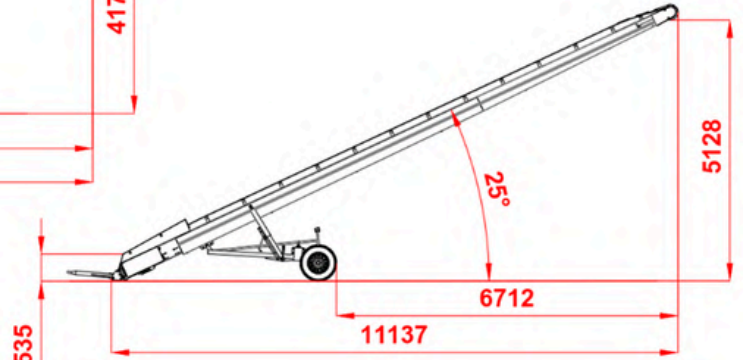
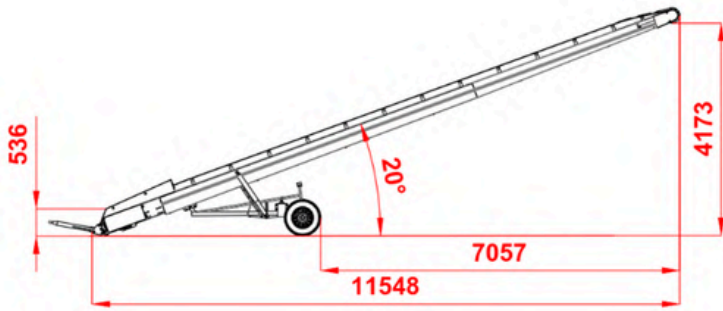


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Echelle:	Matière :	Trémie standard	
Poids kg	Dessinateur	Date 16/02/22	

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# 12 m belt conveyor plans

TYPE 01

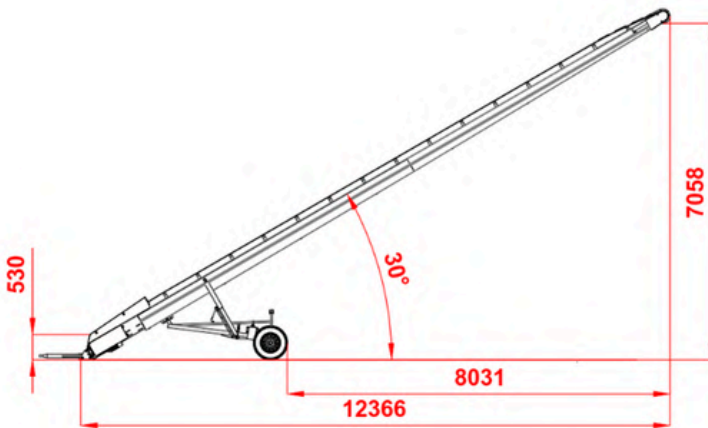
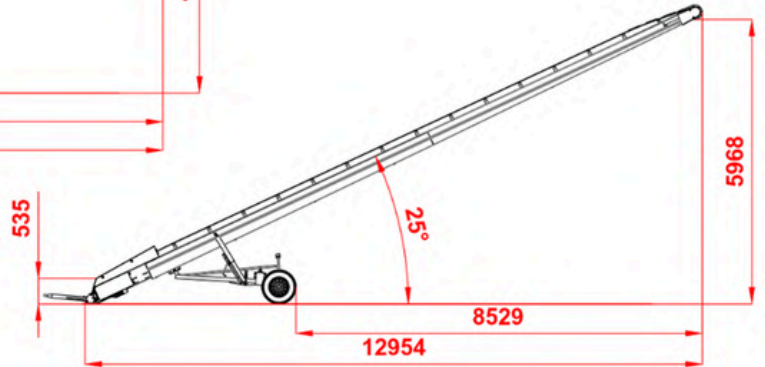
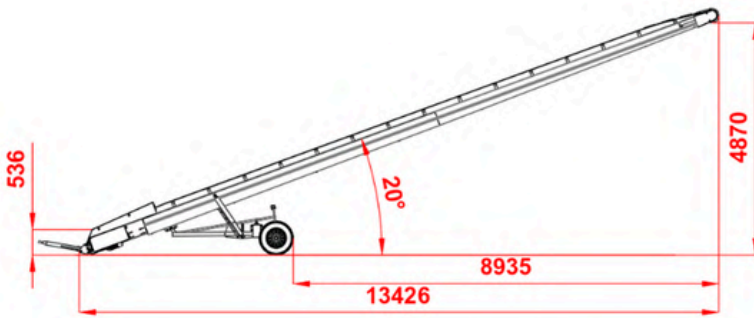


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Échelle:	Matière :	Trémie Standard
Poids kg	Dessinateur	Date
		16/02/22

		31 rue de la Fonderie 59200 TOURCOING tel. 03 62 65 82 62 Mail: www.sautec.fr
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Échelle:	Matière :	Trémie Standard
Poids kg	Dessinateur	Date

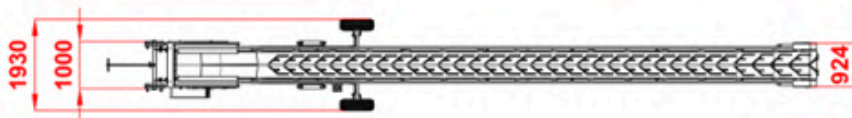
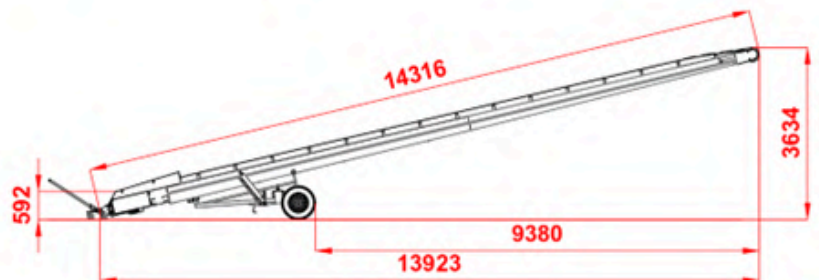
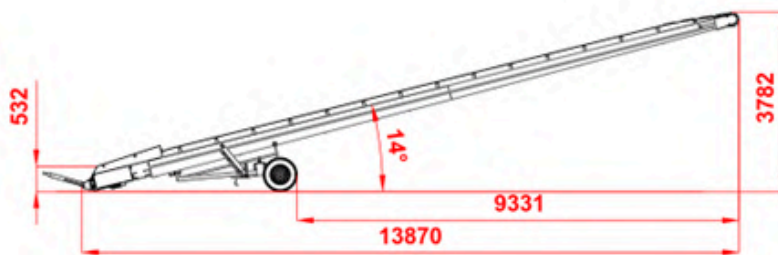
# 14 m belt conveyor plans

TYPE 01



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N° PI	Ass. Sauterelle 14m		
Châssis	Trémie Standard		
Poids kg	Matériau	Version	Date
	Acier	01	16/02/22

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		31 rue de la Fonderie tel. 03 62 65 82 62	59200 TOURCOING Mail: www.sautec.fr
N° PI	Ass. Sauterelle 14m		
Châssis	Trémie Standard		
Poids kg	Matériau	Version	Date
	Acier	01	16/02/22