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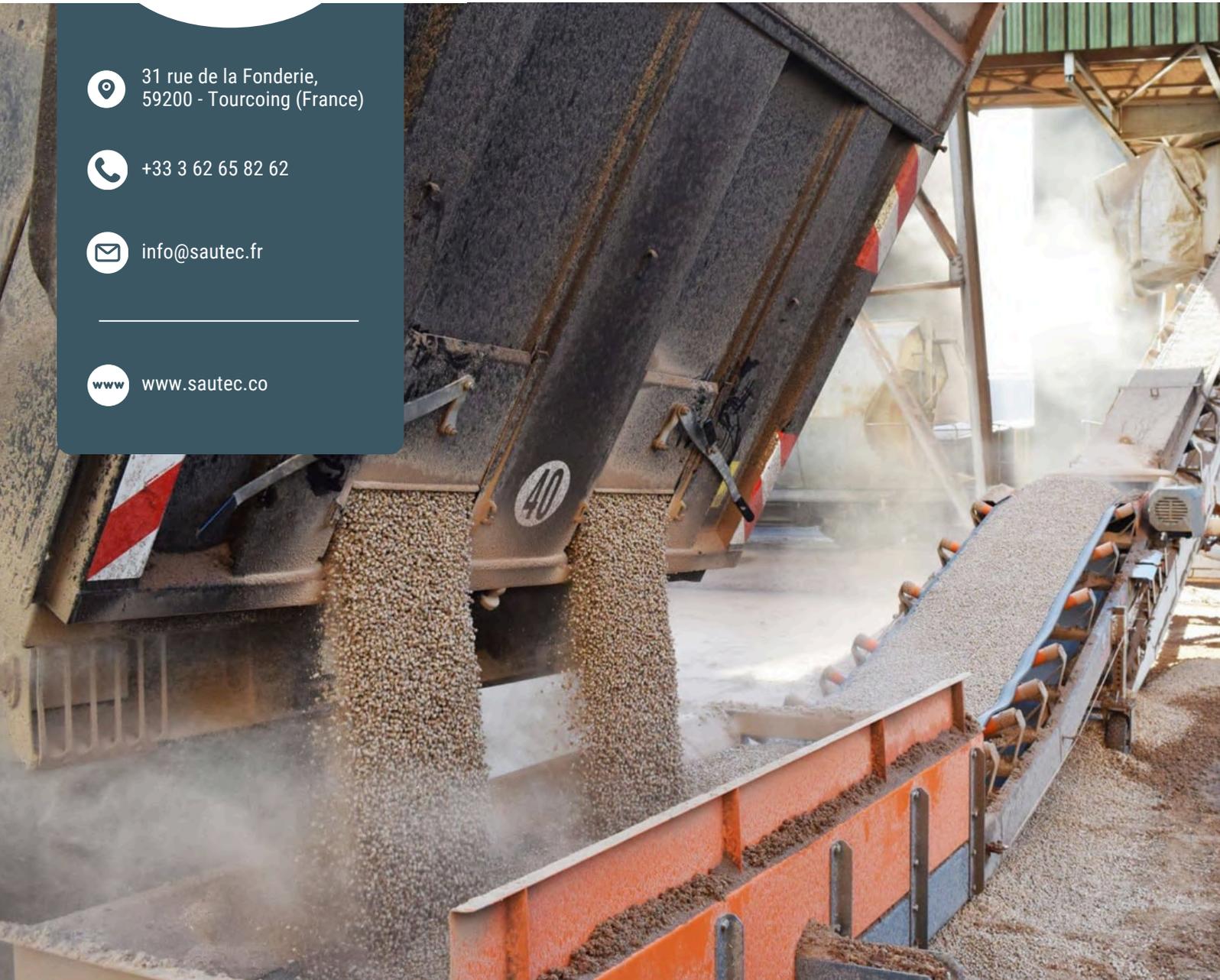
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TECHNICAL SPECIFICATIONS - TYPE 02

# 7M-9M TRUCKS UNLOADERS



# 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

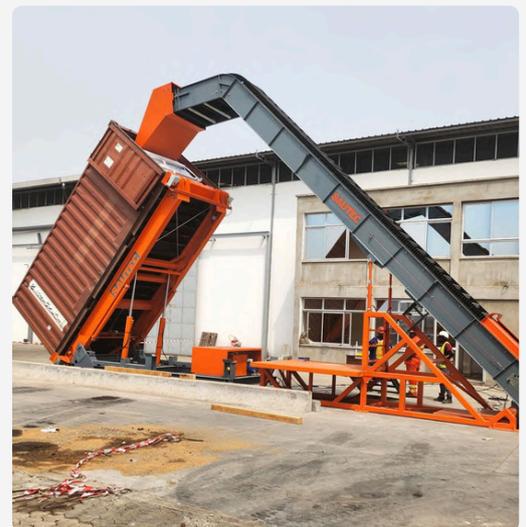
we design and manufacture entirely customised equipment and perfectly aligned with your requirements.



## 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 02

# 7M-9M TRUCKS UNLOADERS

A flat conveyor designed to optimise unloading operations. An efficient solution for unloading semi-trailers and tippers carrying bulk products.

## FAST AND EFFICIENT

Depending on equipment configuration and unloading method, up to 30 tonnes of bulk products can be unloaded in 10 minutes. Performance to support your logistics processes.

## MOBILE AND EASY TO USE

The unloading conveyor is equipped with wheels for easy manoeuvrability. The 2.70 m unloading area simplifies manoeuvring and truck alignment before unloading, improving operational efficiency.



## Strong points



As well as providing safety, gratings **can retain some unwanted elements** during unloading.



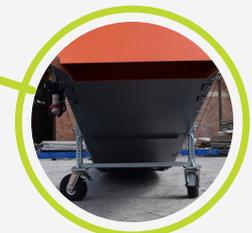
4-pin plug with phase reverser and power cable. **Ready to use, just plug it in and you're ready to start.**



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



Height-adjustable pneumatic swivel wheel. **This equipment adapts the exit height according to the equipment positioned behind it.**



The underside of the chassis is protected by solid metal sheets **for long-lasting use.**



	Truck unloader length			Custom-made
	7 m	8 m	9 m	On request
Supply	Three-phase electric 400 V			
Belt width	800 mm			800 or 1000 mm
Belt type	Smooth belt			Smooth or chevron belt
Belt speed	60 or 90 m/min			
Gearmotor	4,0 KW			
Output height	0,99 m	1,22 m	1,54 m	-
Weight	≈ 1 400 kg	≈ 1 500 kg	≈ 1 600 kg	-

## Technical description

Mobile unit on 2 height-adjustable front pneumatic wheels and 2 rear castors. Front and rear swivel wheels with brakes. Removable drawbar.

800 mm wide smooth rubber belt, welded endless, trough-shaped on TRIO 25° stations.

63 mm diameter return rollers in painted steel with 2 RS ball bearings, with seals at the ends of the rollers. The lower part of the frame is protected by solid metal sheets.

Direct-mounted 4.0 kW geared motor with hollow shaft, 400 V three-phase + earth supply, with watertight protective cover, box including thermal protection, on/off button, emergency stop button and two-way emergency stop cable.

Rubber-coated drive drum with removable hub.

Smooth return drum with removable hub.

2.7m long lateral unloading area with watertight mud flaps. The unloading area is secured with integrated covers and fitted with 60mm x 60mm gratings.

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 EC standards in conformity with directive 2023/1230 EC Annex VI-A relating to stand-alone equipment.

## 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 (hopper, grating, 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.

## Unloading and transfer of pellets

Installation of a truck unloader to facilitate the unloading of agricultural skips and allow the immediate transfer of pellets to a belt conveyor.



## Unloading and storage of fertilisers

Combination of a truck unloader and a belt conveyor to unload and store fertiliser in a continuous flow. The system can be moved to provide greater operational versatility.



VIDEO



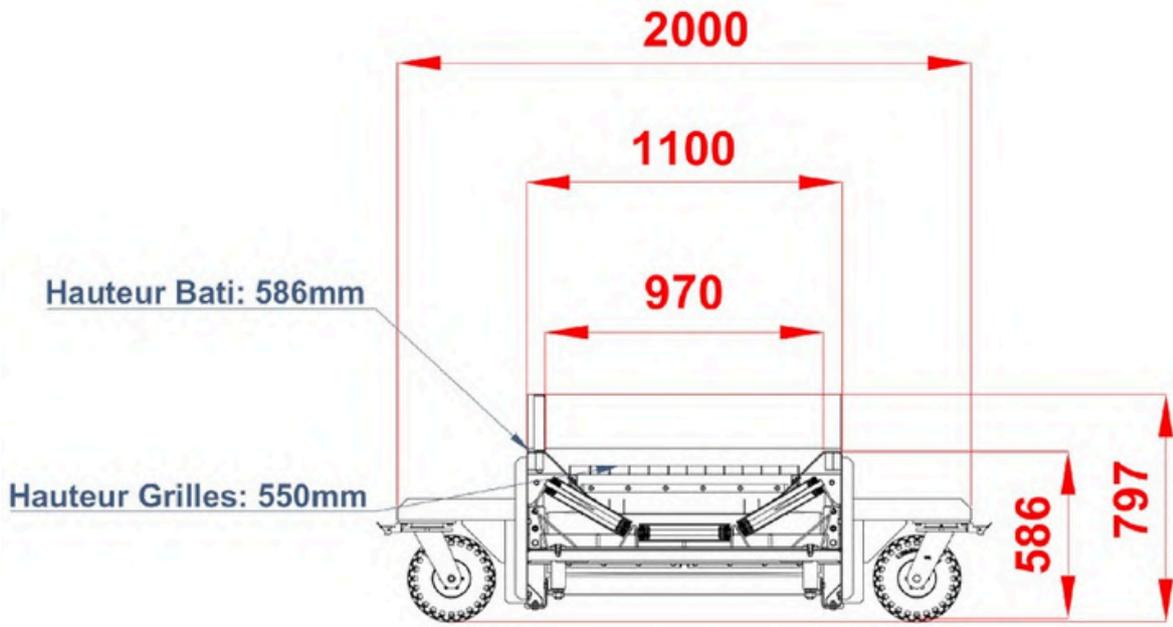
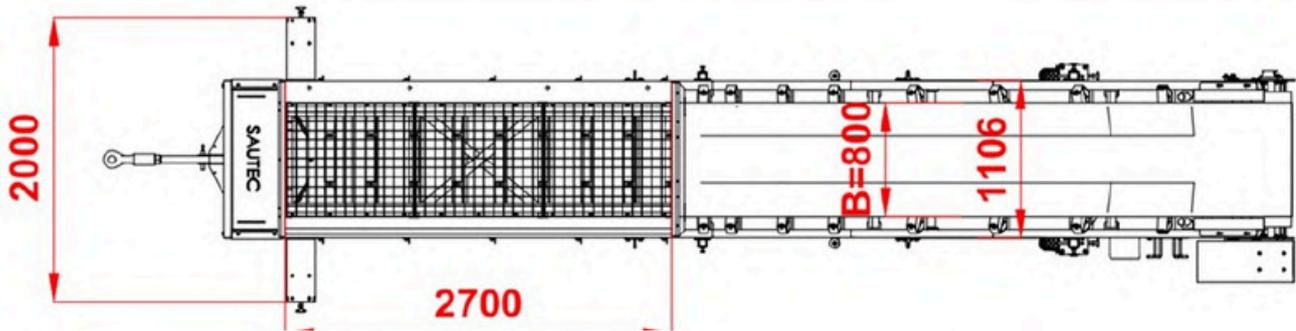
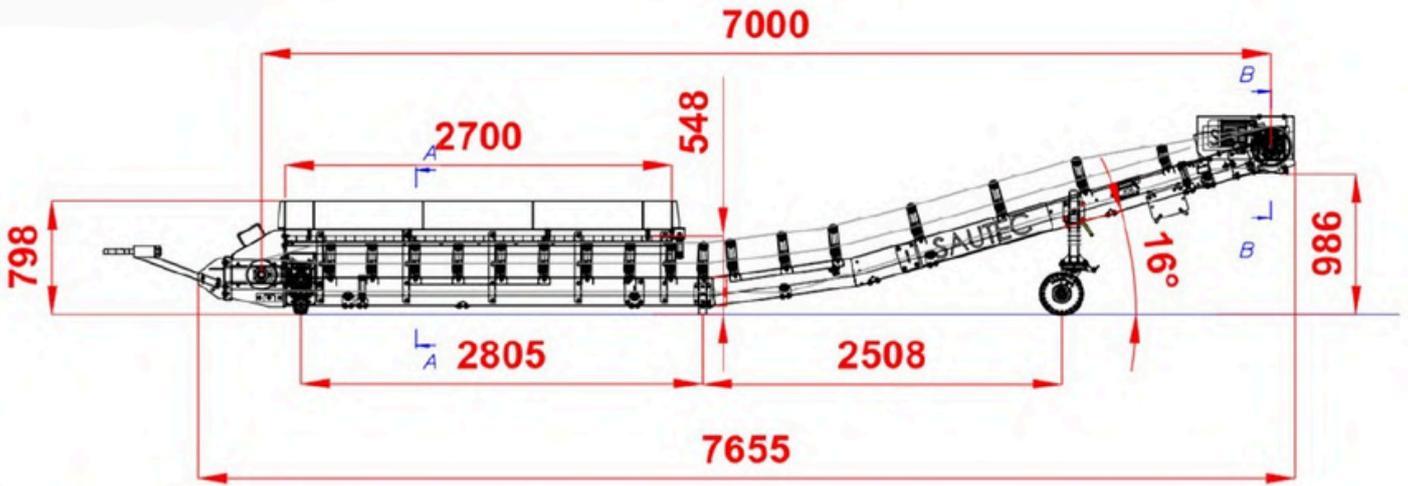
## Improving a logistics process

Use of a truck unloader to feed a conveyor belt from time to time. A flexible solution that requires no civil engineering and can be positioned and moved at any time.



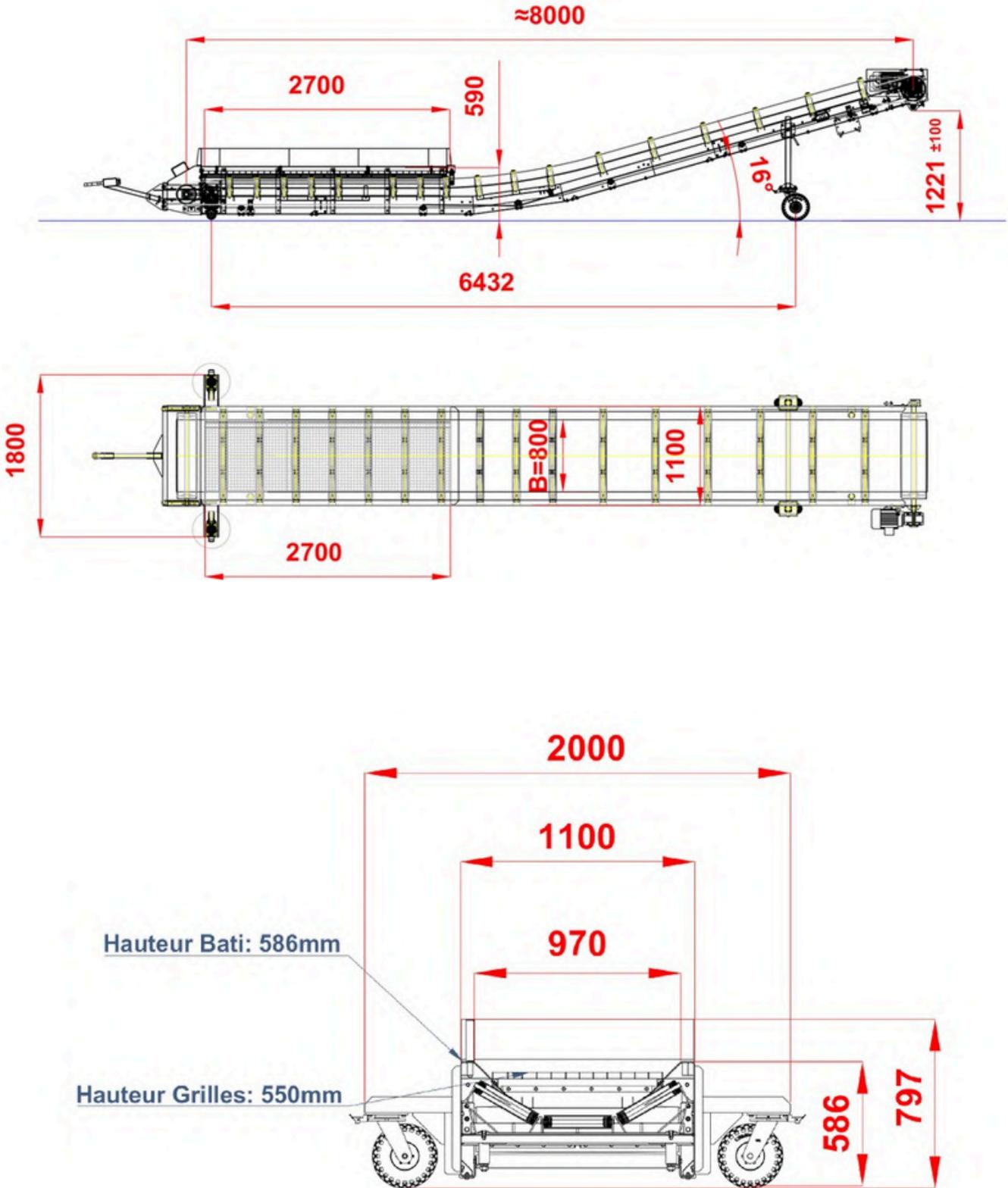
# 7m truck unloader plans

TYPE 02



# 8m truck unloader plans

TYPE 02



# 9m truck unloader plans

TYPE 02

