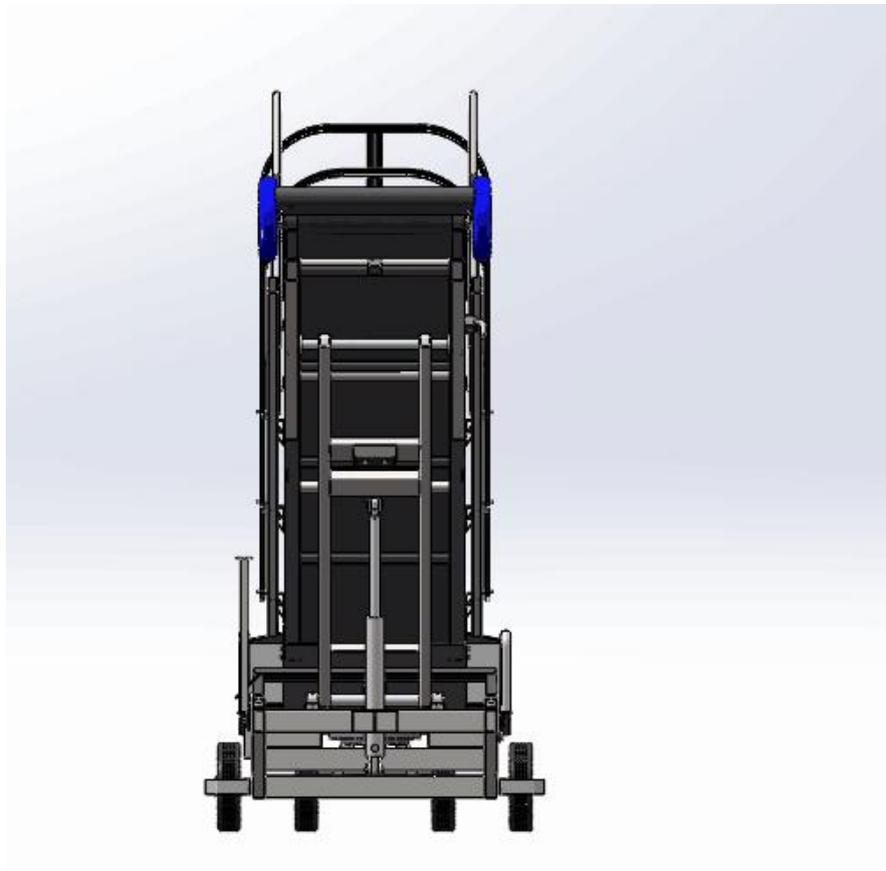
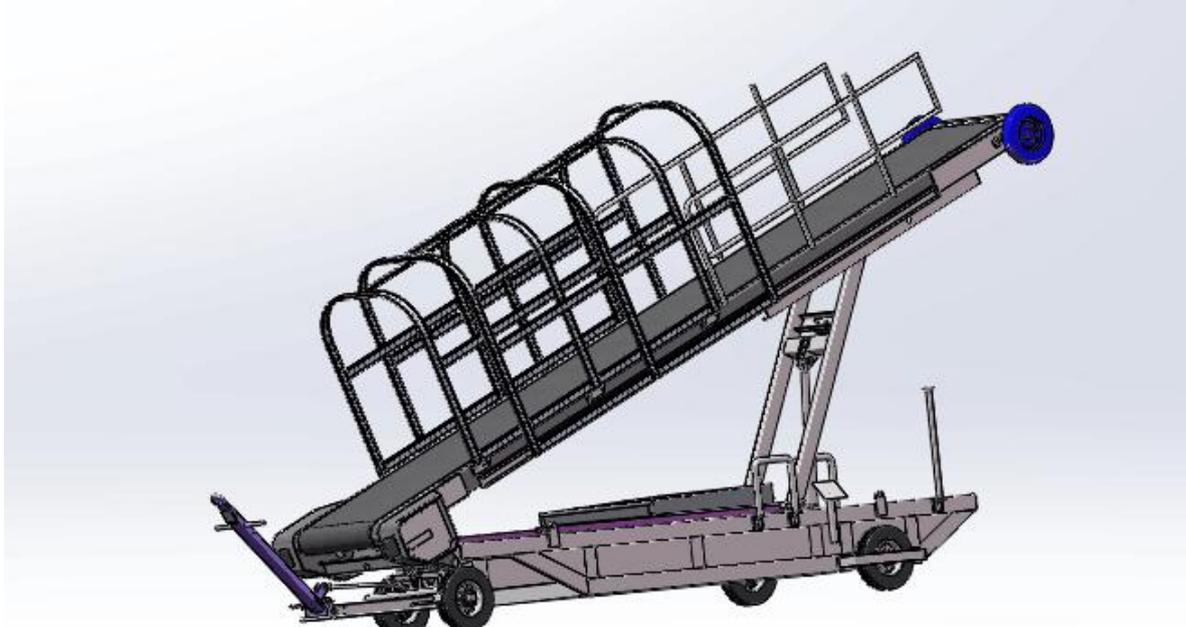


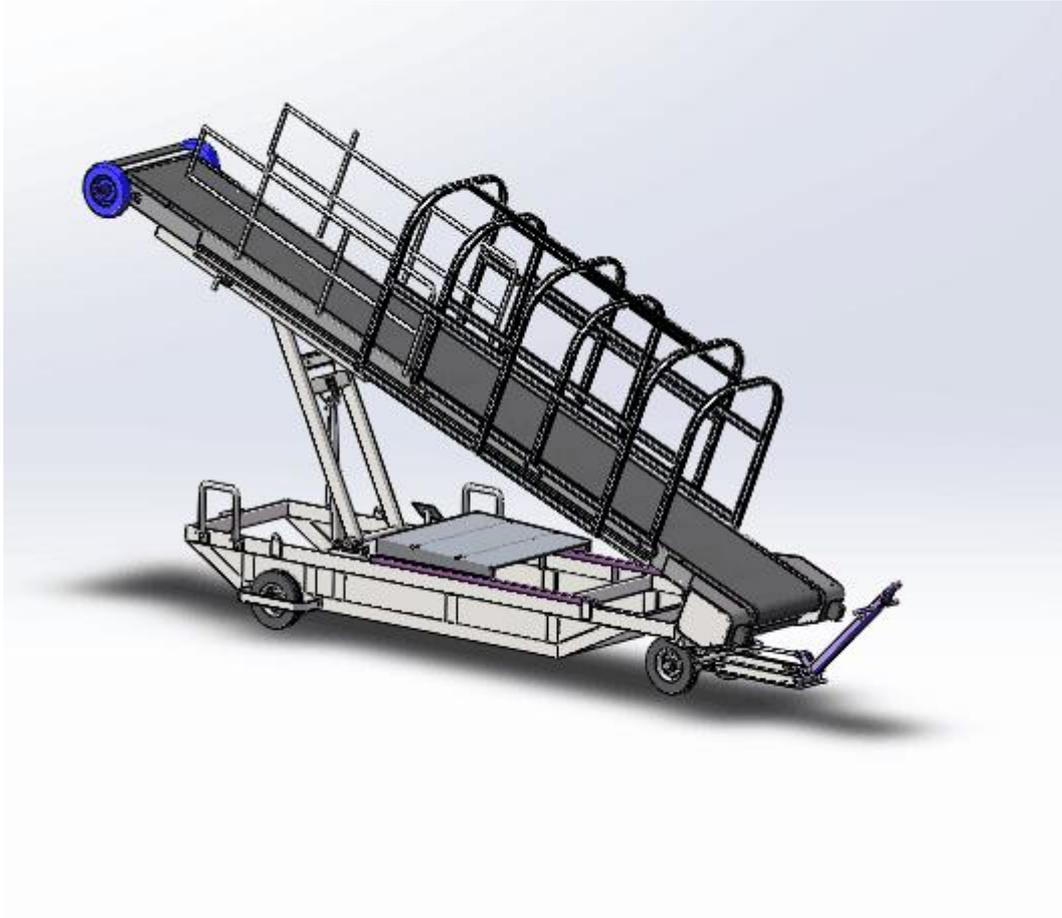


**AIRPORT EQUIPMENT SERVICES PTE. LTD.**

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ZT34TCS towable belt conveyor loader is the airport equipment easy to operate and maintain. It is used to transport passengers, luggage and cargo up and down the plane. The main assembly is made of world famous manufacturer, which has strong structure, excellent driving and operation performance. On the basic type, accessories and equipment of different types can be optional according to customer requirements, to meet the operation of different areas and conditions. It is suitable for aircraft door span from 900mm to 3450mm, especially models that aircraft engine and vehicle clearance is too narrow like A319, to avoid affecting conveyor belt safe operation and damage to aircraft for too wide body. Transmission load is up to 1200 kg, transmission device with a hydraulic balance device. Single luggage max.400 kg can be transported, speed adjustable, safe and reliable.

## **1. STRUCTURE**

It consists of chassis, transmission frame assembly, lifting frame assembly, hydraulic system, electrical system and canopy assembly.

A. The chassis is composed of frame, hard front axle, integral steering rear axle, multifunctional towbar and braking system.

(1) The frame is welded integrally by 4MM rectangular steel tube, firm in structure.

(2) Front axle is welded on the frame as a whole, front fixed wheel with 400-8 solid rubber tire. It is wearable and easy to use, difficult to damage. Rear axle is steering bridge connected with frame through a rotary Drive disc., structure simple and steering convenient.

(3) Multifunctional towbar can meet trailer drag and manual push-pull & guiding etc.

(4) The brake system works with the tow bar to stop the rod when it is in the down and upright position, unlock between the two states.

B. transmission frame assembly is welded by integral bending steel plate. Integral roller type design is adopted to reduce the frictional force in the belt conveying process, and transmission capacity is greatly improved. Conveyor belt is abroad imported brand belt.

C. Lifting frame is H type frame, welded with high quality steel bar. The structure is firm and the supporting force is strong. It can ensure the safety and stability of the high load.

D. Hydraulic system uses Germany HATZ or YANMAR L100 engine as the power source and hydraulic components adopt the hydraulic components of international famous brands, which provide strong guarantee for goods transmission and the frame lifting. At the same time, the manual operation system mainly consist of hand pump can provide easy lifting operation in case of electrical or engine failure, to guarantee safety work and convenient maintenance.

E. Electrical system mainly uses Japan IDEC IZUMI brand components, three control areas(front,middle,rear). Middle control area is engine start and transfer lifting control, and integrates hour meter, fuel gauge and main electric switch and other main control buttons. Front and rear control areas are control zone of the conveyor belt,equipped with emergency stop switch to ensure safe operation of the transmission.

F. Canopy is processed and installed according to customer requirements,mainly including fixed canopy and sliding upper canopy, totally enclosed design on both sides , good to keep the luggage not wet by rain.

## 2. PARAMETER

◆ Overall dimension (LxWxH)		7320x1532x <b>2200</b> mm
◆ Weight	with canopy	2000kg
◆ Belt speed	Max.	30m/min
	Min.	10m/min
◆ Belt width		700mm
◆ Loading height	Front	900-3450mm
	Rear	685-910mm
◆ Front wheel	rubber solid tyre	4.00-8
◆ Rear wheel	rubber solid tyre	4.00-8
◆ wheelbase		3200mm
◆ Front wheel tread		1320mm
◆ Rear wheel tread		620mm
◆ Approach angle		10°
◆ Departure angle		23°
◆ Min.Ground Clearance		150mm

- ◆ Tow bar ring hole 60mm
- ◆ Tow Bar length 1100mm