



## **BELT CONVEYORS – TC-3771 & TC-3361 & TC-3161**

\*\*\*(Please refer to the options for features which are not included in the base price offered above.)

### **1. General**

- 1.1 This specification outlines the functional properties of towable DENGİ Conveyor Belts with docking system that enables easy to handle positioning to the aircraft
- 1.2 The unit is in conformity with EN12312-3, AHM910/913/914/915/916/918 of Airport Handling Manual Edition 35, Effective 01 January 2015.
- 1.3 The unit operates within the temperatures between - 15° C / + 40 ° C

### **2. General Specification**

	<b>TC-3771</b>	<b>TC-3361</b>	<b>TC-3161</b>
<b>Boom length</b>	<b>7400 mm</b>	6560 mm	6180 mm
<b>Weight</b>	<b>~1370 kgs</b>	~1320 kgs	~1270 kgs
<b>Max height ( at 24°)</b>	<b>Front 3.680 mm (Rear 650 mm)</b>	Front 3.330 mm (Rear 655 mm)	Front 3.170 mm (Rear 650 mm)
<b>Min height</b>	<b>Front 1.260 mm (Rear 760 mm)</b>	Front 1.260 mm (Rear 760 mm)	Front 1.250 mm (Rear 750 mm)
<b>Belt</b>	Ammaraal or similar		
<b>Belt speed</b>	0 – 0,4 m/sec (hydraulic controlled)		
<b>Belt Width</b>	600 mm		
<b>Payloads</b>	single load 400 kg, distributed load 1000 kg		
<b>Tire</b>	5.00x8 pneumatic		
<b>Columns</b>	Painted		
<b>Rollers</b>	AISI 304 stainless steel		
<b>Chassis</b>	Hot-dip galvanized		

### **3. Engine Alternatives :**

<b>FUEL</b>	<b>ENGINE</b>	
Gasoline – electrical start	VANGUARD	<a href="http://www.commercialpower.com">www.commercialpower.com</a>
Gasoline – manual start	HONDA GX390	<a href="http://www.remasendustri.com.tr">http://www.remasendustri.com.tr</a>
Diesel – electrical start	HATZ	<a href="http://www.hatz.com">www.hatz.com</a>

### **4. Operation Alternatives**

- 4.1 Operation with Manual Valve (Optional)
  - 4.1.1 Valve controls Boom UP/DOWN – BELT FWD/RWD
  - 4.1.2 4 emergency stops at 4 sides of boom



#### 4.2 Operation with Electrical buttons (Standart)



Located on boom right

- 4.2.1 Boom Up/Down
- 4.2.2 Belt Rotation Forward/Reward
- 4.2.3 Belt Stop
- 4.2.4 Emergency Stop Button

Located in front of boom right

- 4.2.5 Belt Rotation Forward/Reward
- 4.2.6 Emergency Stop Button



Cabled Remote Control

- 5.1.1 Belt Forward
- 5.1.2 Belt Reward
- 5.1.3 Belt Stop

#### 5. Docking Kit :



5.1.4 Self dedicated control panel on towbar :

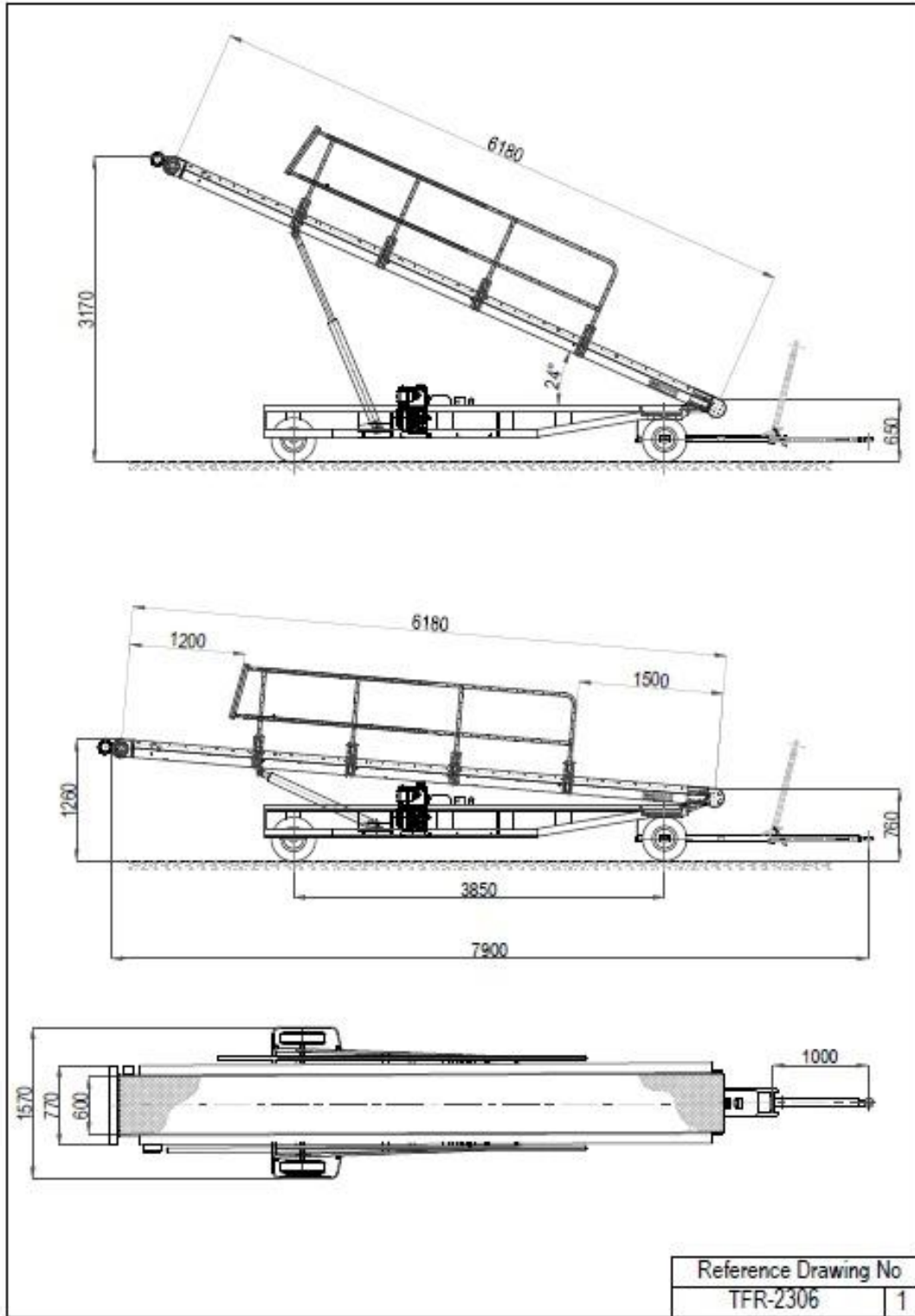
- 5.3.1.1 Forward (entire unit)
- 5.3.1.2 Reward (entire unit)
- 5.3.1.3 Emergency Stop

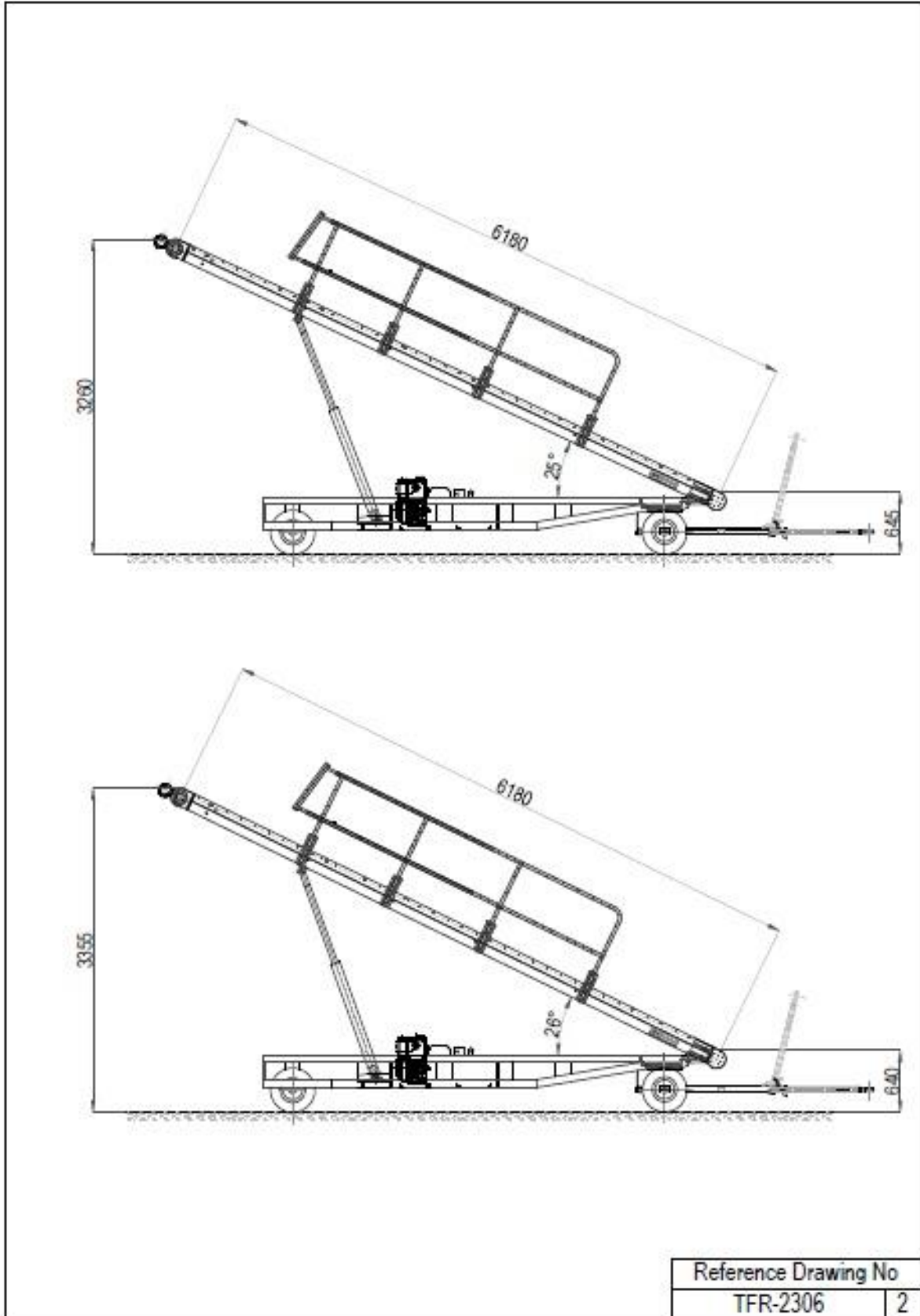
#### 6. Enclosure:

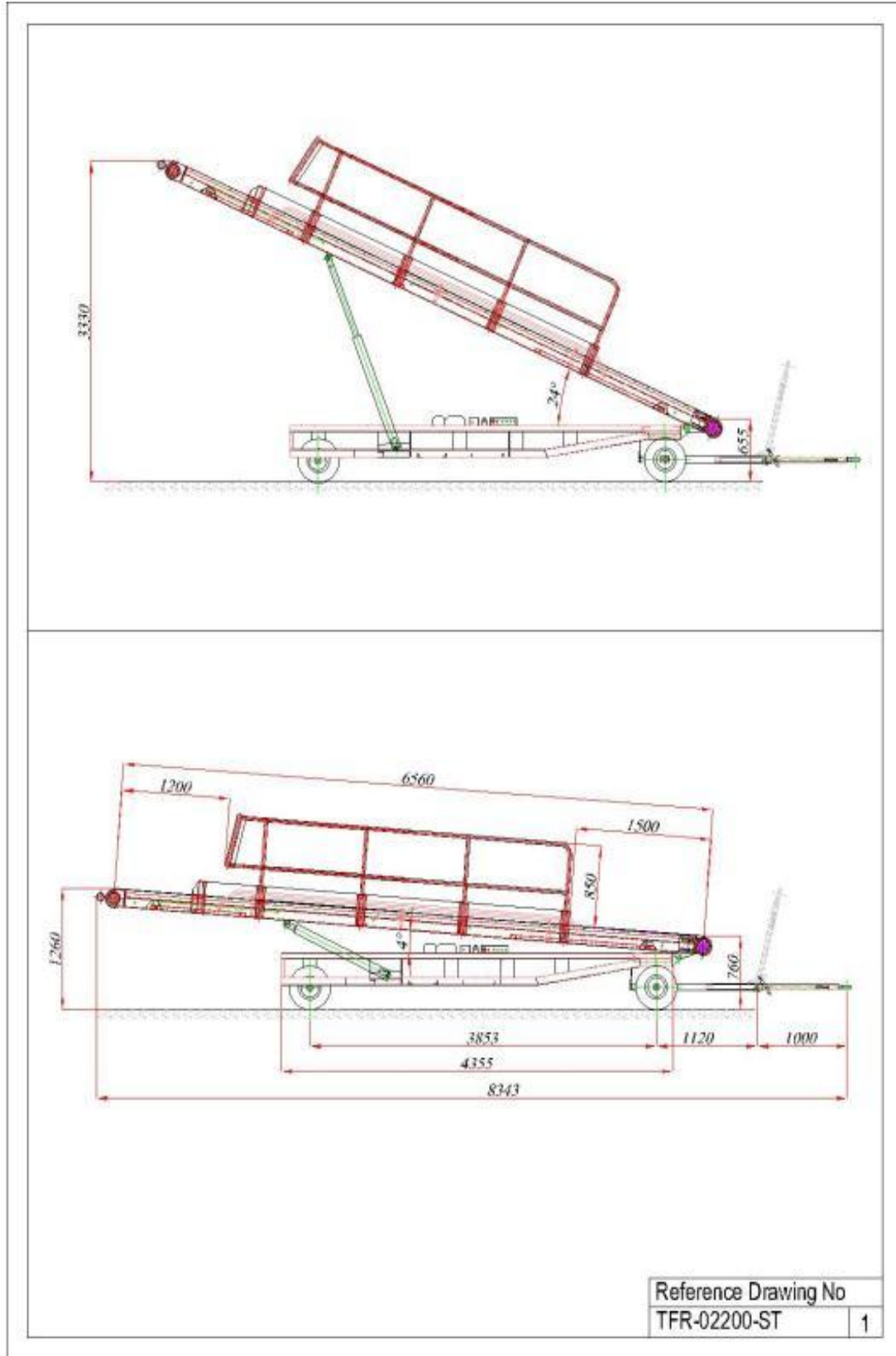
6.1 Belt Conveyor Reference Drawing:

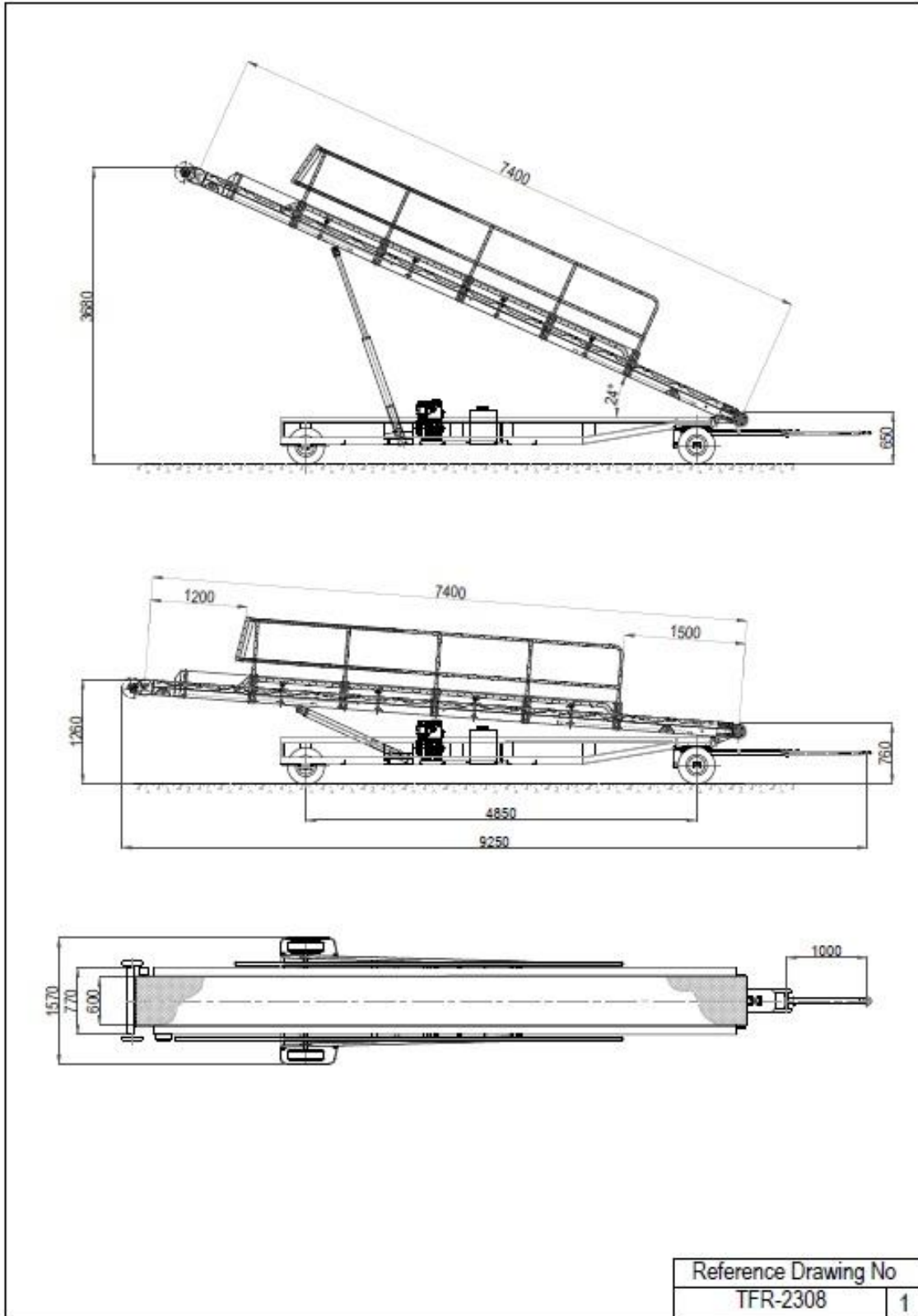
- 6.1.1 TFR2306\_1&TFR2306\_2 (TC3161)
- 6.1.2 TFR2200 (TC3361)
- 6.1.3 TFR2308\_1&TFR2308\_2 (TC3771)

#### 7. Reference Pictures

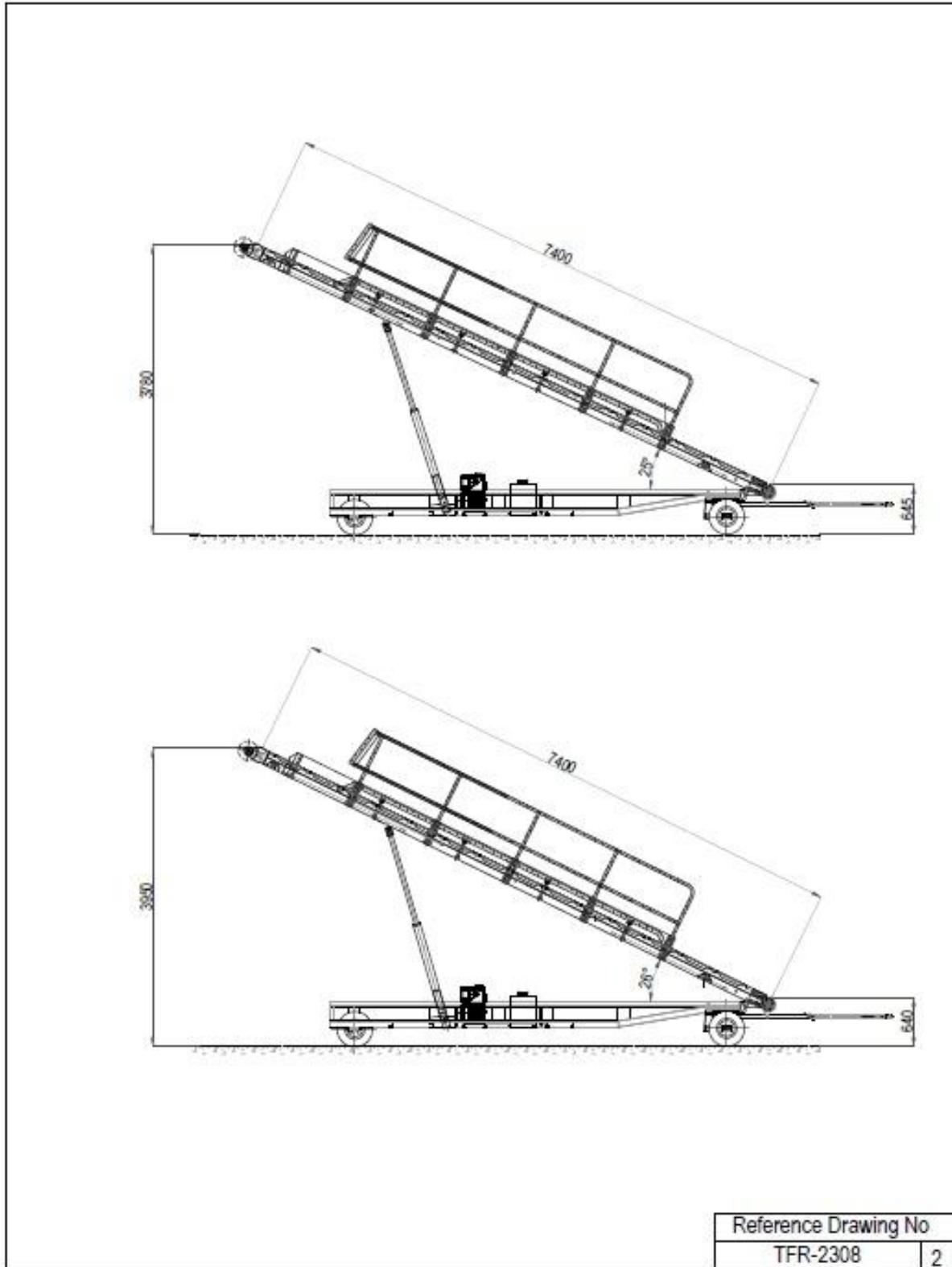
**6.1 Belt Conveyor TC-3161 ( TFR-2306\_1)**

**6.1 Belt Conveyor TC-3161 (TFR2306\_2)**

**6.2 Belt Conveyor TC-3361 (TFR2200)**

**6.3 Belt Conveyor TC-3771 (TFR2308\_1)**



**6.3 Belt Conveyor TC-3771 (TFR2308\_2)**

**7. Reference Images**





**Turning Radius – TC3771**

