

# SIMBA TRAILER

MANUFACTURERS LTD

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## FLAT BED TRAILER



Model:	ST-110-FB	ST-110-FBSD	ST-110-SK
<b>Overall Length:</b>	12355 mm	12518 mm	12355 mm
<b>Overall Width:</b>	2449 mm	2585 mm	2449 mm
<b>Overall Height:</b>	1420 mm	3050 mm	1420 mm
<b>King Pin Setting:</b>		850 mm	
<b>King Pin to Landing Gear:</b>		2350 mm	
<b>Wheel Span:</b>		7000 mm	
<b>Axle Spacing:</b>		1320 mm	
<b>Deck Height:</b>		1550 mm	
<b>Tare Weight:</b>	7500kg	8000kg	6800kg
<b>Payload:</b>		36 Tones*	
<b>Tire Type:</b>		12 Radial 22.5 Tubeless	
<b>Container Locks:</b>		12	

### Chassis Specifications -

- Type: ST52-3 (20mm)
- Ingredients:(%)  
 C: 0.12-0.20  
 Mn: 1.20-1.60  
 Si:0. 20-0.55  
 S:0. 045  
 P:0. 045
- Physical Performance: 16Mn  
 The thickness of the steel and its diameter (mm):  
 ≤16;>16-25;>25-36;>36-50;>50-100  
 Tensile strength (MPa): 510-660-; 490-640; 470-620;  
 470-620; 470-620  
 Yield strength (MPa): 345; 325; 345; 295; 275  
 kgf/mm2: 35; 33; 35; 30; 28  
 Percentage of elongation(%≥): 22; 21; 21; 21; 20

\*Payloads may vary depending on tractor specifications.

The above specification includes a 2.5" *JOST* Kingpin and Landing Gears.

The axles used are German engineered 12-ton *BPW*, which have a warranty of 1 year.  
 We can also supply customers with *BPW ECO*-type axles.

The suspension system is a tri-axle mechanical spring system licensed under *SAF* of Germany.  
 The springs included in this system are 4" wide and are standard 13-leaf.  
 This is the industry standard in East and Central Africa.

Our braking system is composed of *WABCO* valves and relays. This includes a parking brake system that lock the last 2 axles in place when the trailer is parked.

The flatbed chassis have a warranty of 2 years.

# SIMBA TRAILER MANUFACTURERS (T) LTD.

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Our 40ft. Flatbed Trailer with Drop sides (ST-110-FBSD) is our best selling product. The drop sides are bolted on to the chassis and can be removed easily at the discretion of the customer. The trailer is also built a little wider than normal trailers to accommodate the loading of containers without removing the drop sides. This is a multi-purpose trailer that can be used to transport containers, loose cargo and or livestock.

We also manufacture 40ft. Skeleton Trailers (ST-110-SK) which is popular in the energy industry to transport petroleum products to the remotest areas of East Africa.

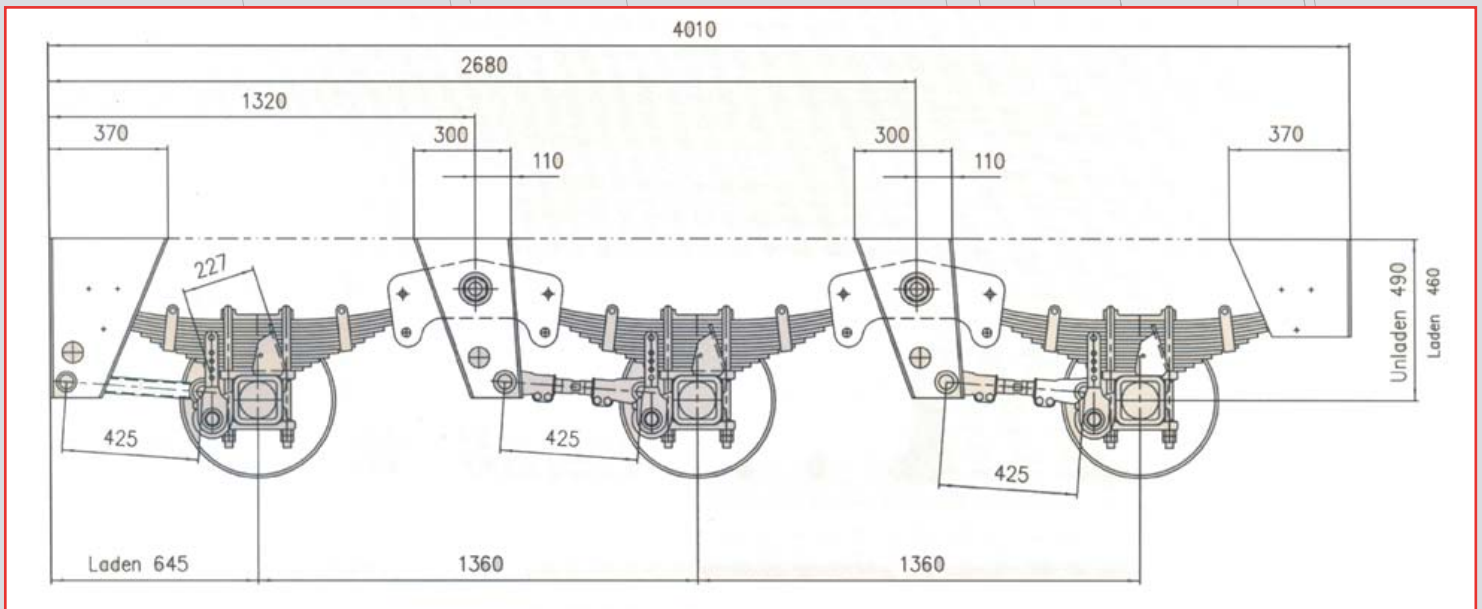
We have managed to export trailers to the DR Congo. These were designed with the same standards as those used in Tanzania. We have also managed to infiltrate the Kenyan market where 4-axles trailers are commonplace.

## FLAT BED - DROP SIDES



## SKELETON

## FLAT BED - 4 AXLE



Simba Trailers has sold to some of the biggest transporters in East Africa, some of which include:

Tanzania Road Haulage | Famari Investments | CHEMAF Congo  
SDV TransAMI | Cargostars Tanzania | METL | Swift Motors  
NAM Enterprises | Mount Meru Logistics | ASAS Transport

**WE GAURANTEE THE BEST PRICE AND QUALITY IN AFRICA!**

<http://www.simbatrailer.co.tz>