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# SIDE LIFTER SIDE LOADER TRAILER

## SEMI-TRAILERS SIDE LIFTER / SIDE LOADER

Lowbed · Low Loader · Flatbed · Tipper · Container · Car Transporter

STU Trailers® Company Ltd. · Karatay / Konya / Türkiye · Exporting to 60 countries

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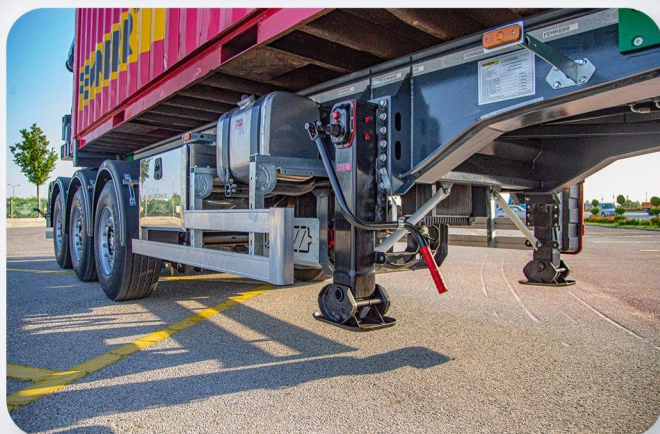
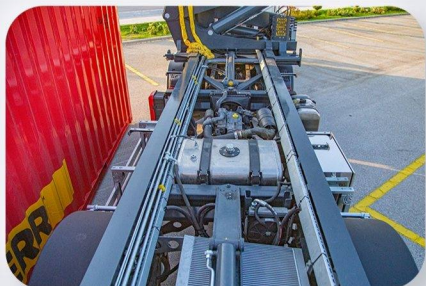
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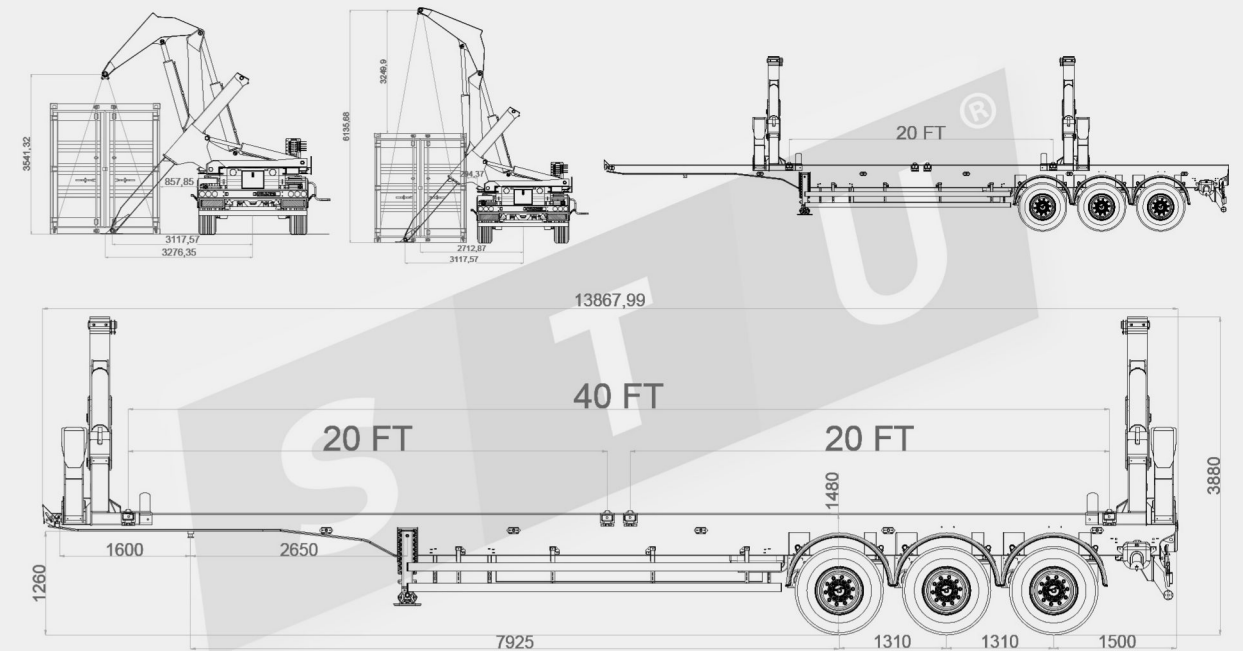
# SIDE LIFTER / SIDE LOADER TRAILER



## DETAIL PICTURES



## TECHNICAL DRAWING



## SPECIFICATIONS

**CHASSIS AND STRUCTURE :** In accordance with the purpose of usage and it's capacity with safety transports, all trailers design of their constructions with high strength cross members and productions are with high-tech welding machines. Quality Strenx 700MC and high strength steel grade is using on productions. All lifting arms are reinforced with additional side supporters protect from bending and weighing the containers

**CAPACITY :** 36.000KG to 44.000 KG

**PLATFORM :** With 8 pieces of container locks suitable for 1x40 feet or 1 x 20 feet or 2 x 20 feet

**CRANE SYSTEM :** Both hydraulic lifting arms are working as one team in coordination with each other. Lifting Arms are from S690QL Steel Grade as only one extendable cranes productions material. Suitable for lifting up to 36 tonnes and drivers may use Radio-controlled remote-control system and manual system together

**CRANE CONTROL :** PROPORTIONAL CONTROL VALVES (Ireland) (Two Pieces)

**PUMP :** 400 Bar 170 Lt

**HOSES :** R2-AT Hoses

**LIFTS :** Double-acting hydraulic cylinders are honed from high strength materials, (700MC in quality) will be manufactured. Precision-machined rods, hard chrome plated high-strength material (C40E 1.1186 quality) are manufactured. Hydraulic system including protection system in their own process like when the side loader lifting and there could be any relief of hydraulic hoses cause of pressure. With this system the load/container will not drop down rapidly to ground or to any of people under the container **ENGINE ( Optional ):** The heart of machine and we use 4 Cylinder New engines for hydraulic power creation. In complete system oil tank, hydraulic tank is including

**AXLES :** 3x9 Ton Disc Axle OR 3x12 Tons Drum Brake with air suspension

**SUSPENSIONS :** It is supplied with 6 pieces of air suspension 1st axle lifting

**BRAKE SYSTEM :** WABCO brand 2S-2M EBS braking system,

**ELECTRICAL SYSTEM :** Hella or Aspöck or Dasteri LED Lights, 2x7 pin sockets - 24V, lights accord to standard in SAE rear led stop lamps, side marker lamps, brake safety warning lamps and signal light fitted at the rear 2 tail & stop combined lamps (red), 2 turn signal combined lamps (orange), 1 license lamp (white), 4 working led lights, 2 rear flash lamp

**TIRES :** 6 Pieces 385/65R/22,5

**RIMS :** 6 Pieces 22.5 (Jantsa-Jantas Brand)

**KING PIN :** DIN 74080 standards 2" king pin detachable from below made by SAE standards 8 bolt type. With E certificate JOST brand

**LANDING GEAR :** Front Jack feet are telescopic, parallel working, double speed jointed with wide shoes static 50 tons, dynamic 25 tons capacity

### PAINTING

**First Step :** Sand Blasting all surface,

**First Layer :** Barrier™ 80 Jotun (%80 Zinc-Reach) Coating Double Times - C5 (ISO 12944-2)

**Second Layer :** Jotun™ Epoxy Coating

**Third Layer :** Jotun™ Brand Premium Acrylic Paint

**Fourth Layer :** 2K Super Clear Coating for Protection and Shine (95-110 GU) Color of the trailer will be RAL ( Depend on Customer Choice )

**ACCESSORIES & OPTIONS :** Water Tank, Spare tyre carrier, Wheel leaning mounting, Fire extinguisher box, Preserving cabinet, Tool Box, Mudguards, Remote Control, RUD Brand Loading Hooks, Remote Control for landing gears and arms, Wabco smart board

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