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CAR TRANSPORT TRAILER

SEMI-TRAILERS CAR TRANSPORTERS

Lowbed · Low Loader · Flatbed · Tipper · Container · Car Transporter
STU Trailers® Company Ltd. · Karatay / Konya / Türkiye · Exporting to 60 countries

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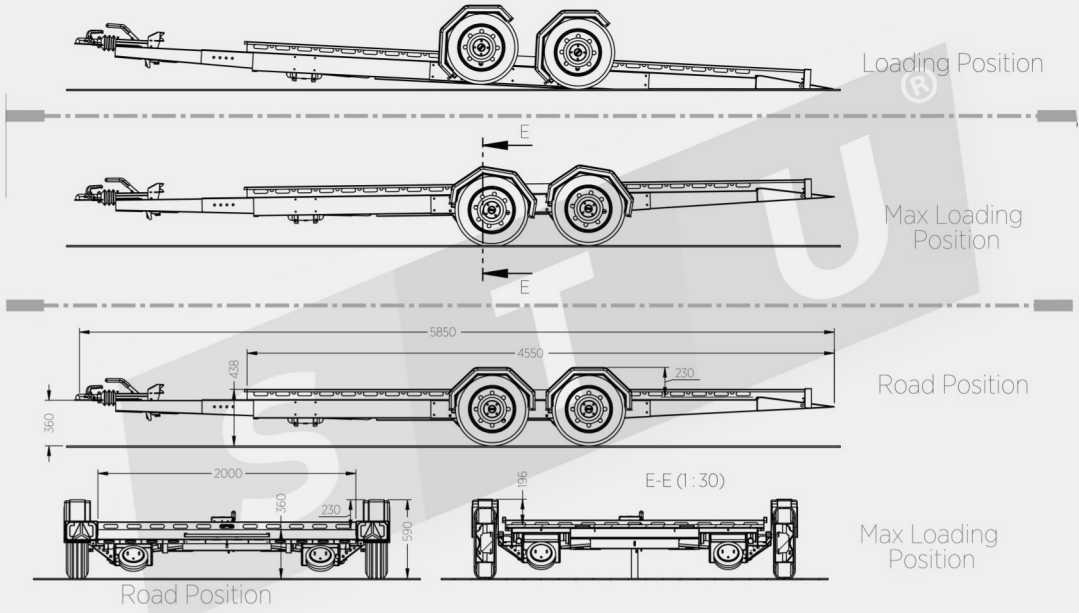
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PERSONAL PASSENGER CAR TRANSPORTER



TECHNICAL DRAWING



SPECIFICATIONS

Type	Bed size	Gross weight	Load capacity	Price
RX458-27	458x200 cm	2700 kg	ca. 1900 kg	6.600
RX458-35	458x200 cm	3500 kg	ca. 2600 kg	7.750

Standard Equipments of the Car Transporter

4 bellows
4 shock absorbers
Polyamide air hoses
Bronze couplings
Custom wiring harness
Only with fully connected 13-pinplug
Air suspension system mounted under the trailer
12v, 24Ah AGM battery

Easy to control push buttons in the drawbar
Compressor 12V, 18 bar with air dryer
Air tank 10 litre
ASCU (Air Suspension Control Unit)
Emergency valves
Mechanical lowering protection
2 height sensors
Electronic level control and driving height adjustment

Make	STU		Jockey wheel	Automatic retractable, galvanised, full rubber wheel
Type	Hot-dip galvanised		Plug	13-pin plug necessary
Chassis	RK447	1125	Air suspension system	Electronic
Suspension	Independent, air suspension		Ride height and level control	Automatic by sensor
Bed	Fully lowerable for loading and unloading. Ramp angle approx. 4°		Air tank	20 litres
Number of wheels, tyre size, rim size	4, 195/50 RC 13C, steel rims		Bellows	4
Brakes	Knott, mechanic		Shock absorbers	4
Overrun brake	Knott KF27	Knott KF35	Compressor	12V, 18 bar, with air dryer
Length	5850 mm		Valve block	In compressor box
Height	590 mm		ASCU (Air Suspension Control Unit)	In compressor box
Width	2540 mm		Emergency valves for rear axle	2, left and right
Bed length, steel ramp included	4550 mm		Battery	Against unintentional lowering the bed
Bed width	2000 mm		Plug for external battery charger	12V, 24Ah, Gel semi traction
Bed height	360 mm		Wiring harness	STU
Mass road worthy (depending on equipment)	805 kg	840 kg	Mechanical lowering protection	STU
Gross weight	2700 kg	3500 kg	Wiring box	STU
Load capacity	ca. 1900 kg	ca. 2600 kg	Lighting system	CYR or Aspöck
Maximum nose weight	100 kg		Anchor points	Multiple anchor points in rail, left, right and front
Bed	18 mm birch plywood with anti-slip coating		License plate holder	Collapsible, suited with led-light

DETAIL PICTURES



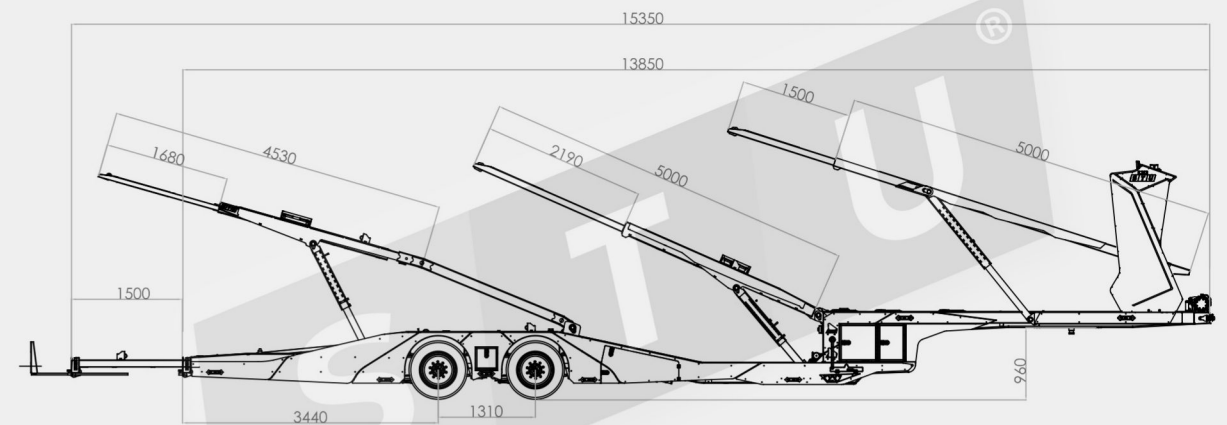
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6 CAR TRANSPORTER TRAILER



TECHNICAL DRAWING



SPECIFICATIONS

CHASSIS & STRUCTURE : In line with the intended use and the capacity for safe transport, all trailer structures are designed with cross members of high strength and produced with high technology welding machines. Quality S355J2+N steel grade will be used on our productions and MC700 is optional

Platforms : The chassis superstructure will be 820x2000 punched steel ramp. The middle part will be made of 2/3 aluminium chequered plate sheet • Platform 1: 2 hydraulic pistons arranging the height of platform and works with adjustment worm screws/spindles on gooseneck • Platform 2: Is activating by 2 hydraulic pistons connected to the trailer main chassis with an articulated connection and lifting 76 degree. Additionally one hydraulic cylinder is for extending the platform • Platform 3: Is activating by 2 hydraulic pistons connected to the trailer main chassis with an articulated connection. Additionally one hydraulic cylinder is for extending the platform • Bumper Ramp: 1500 mm length and moving with hydraulic power. Inner ramps are aluminium and manually extension with hand • Winches: 2x3500 Kgs Capacity Hydraulic Winches with 25 meters steel rope

AXLE : 2x10 Tons Gigant Or Trax Brand Drum axles with air spring, suspensions drum brakes. There are brake shoes and heavy brake, levers x suitable tor TSE norms. it is supplied with 4 pcs of air suspension

TYRES : Pirelli or Starmaxx Brand 8 pes 245/70 R17,5" + 1 Spare Tyre holder with spare tyre

RIMS : 8 pes 22.5" Jantas or Jantsa Brand Rims

ELECTRICAL SYSTEM : Fristom Brand Led Dynamic Stop Lights 24V electrical system, 4 x Led Working Lamps on right and left side and back side,

BRAKE EQUIPMENT : 2S-2M Knorr Bremse Brand EBS system to be fitted on trailers

KING PIN : DiN 74080 standards 2" or 3,5" king pin detachable from below made by SAE standards E certificate

PARKING LEGS : Front Jack feet are telescopic, parallel working, double speed jointed with wide shoes static 50 tons, dynamic 25 tons capacity. Manual or Hydraulic Supporter Landing Legs on rear under chassis for loadings

PAINT and COLOR : Chassis completely hot-dip galvanised and sides are demanded colored plates

ACCESSORIES : Document Box, Control Panel for valves to manage hydraulics, Emergency Brake, 2 x Tyres Stopper, 8 x Lashing Rings, 26 Metal Tyre Stopper, 6 x Steel Toolbox, Hydraulic Powerpack 4.3 KW and 70 Litre oil tank with electronic oil leveler, 2 Sensors on first platform for max and min level, All extensions are sliding on polyamide sheets On left side spare tyre box with slider, on right side one steel galvanised toolbox

OPTIONS : All hydraulic pistons will be controlled with mechanical controller additionally Tele-Radio Remote Control by PLC with screen and including load check valves per cylinders. Also 1 x Pressure filter and 1 x vacuum filter

DETAIL PICTURES

