

Car Sling TCS

The Flexible One for Medium Loads

For Safety Gear Masses up to 6500 kg or Operating Speeds up to 4.0 m/s

Our car sling TCS is designed for safety gear masses m_{ges} up to a maximum of 6500 kg depending on cabin width, operating speed and car sling type.

Great Stability

Multiple bent sheet steel profiles in the top and the bottom beam ensure the required stability. Polyamide-pulleys are used with suspension 2:1.

Variable Height Adjustment

The side beams consist of 2 sheet steel profiles which are screwed together. They are fixed at the top and the bottom beam and a punched grid allows their length to be adjusted in steps of 25 mm.

Excellent Driving Comfort

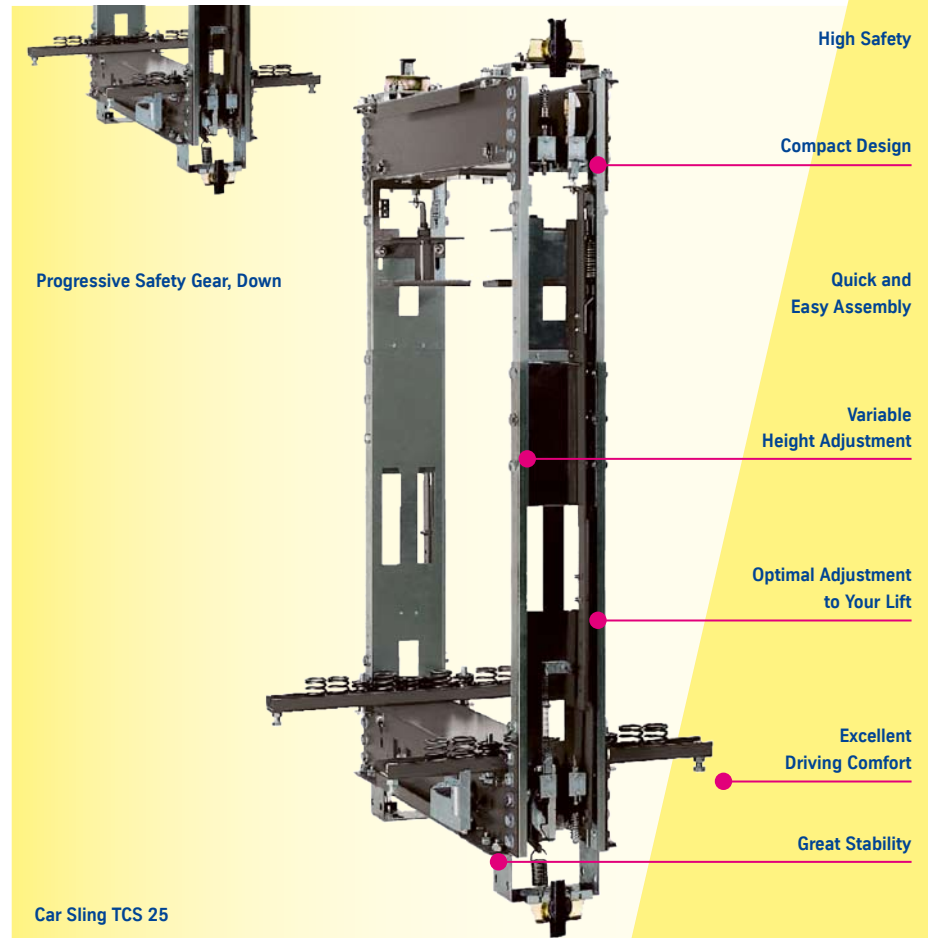
The cabin is bedded on compression springs, which are mounted in a specially isolated U-profile. This results in an outstanding vibration isolation. Roller guides instead of sliding guides can be supplied on demand.

Compact Design

With safety gears mounted in the top and the bottom beam compact overall dimensions of the car sling are possible.

High Safety

The complete car sling as well as its single parts were calculated on the com-



puter with the finite elements method (FEM). They are therefore verifiably safe!

Quick and Easy Assembly

The true to size production of all parts and a small number of components

permit an easy and quick assembly in next to no time.

Optimal Adjustment to Your Lift

A great variety of configuration alternatives make an optimal customisation to many requests possible. Special versions are shown overleaf.

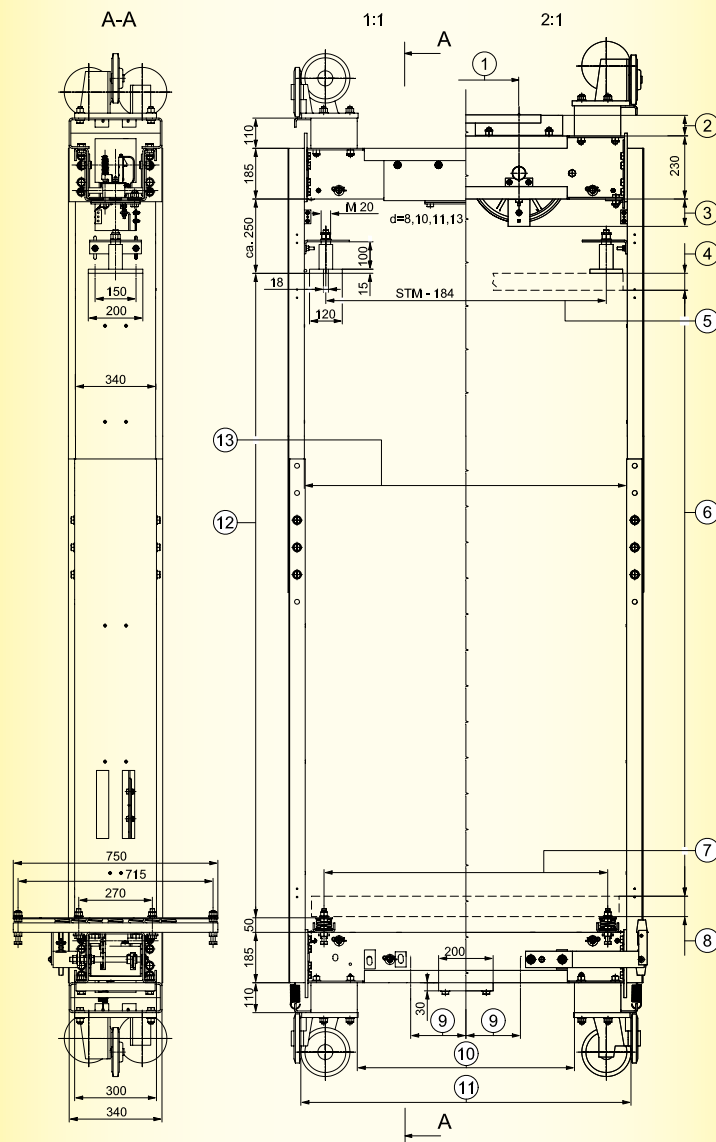
Car Sling TCS - Performance Data

	TCS 25	TCS 40	TCS 60
Rated Load Q [kg]	≤ 1600	≤ 2000	≤ 3200
v [m/s]	≤ 4.0	≤ 4.0	≤ 2.5
m_{ges} [kg]	≤ 3560	≤ 5000	≤ 6500
Cabin Width [mm]	900 ÷ 1600	900 ÷ 1900	900 ÷ 2500
Cabin Height [mm]	2100 ÷ 2700 adjustment in a 25 mm punched grid		

Car Sling TCS

A Car Sling as Cast On

Dimensions of the TCS 40



Car Sling Weight

The following approximated values do not include the masses of the rope attachments, car isolation, car guides, safety gears, rope pulleys, rope pulley isolation and rope pulley cover as well as the buffer plates:

- TCS 25: 160 ÷ 200 kg, 1:1 suspension;
150 ÷ 190 kg, 2:1 suspension;
- TCS 40: 240 ÷ 310 kg, 1:1 suspension;
230 ÷ 310 kg, 2:1 suspension;
- TCS 60: 400 ÷ 580 kg, 1:1 suspension;
400 ÷ 580 kg, 2:1 suspension.

Colour

The products shown are available in blue-grey - RAL 7031 - as standard and with zinc coated parts.

Special Versions

- Load weighing device with electronic card programmable for 5 measuring points and 1 analogue outlet (LMS1)
- Load weighing device with strain gauge and electronic card for goods lifts
- Rope pulleys for 2:1 suspension fixed in a pulley carrier on the top beam
- Rope pulley isolation (SA 9)
- Braking system (upwards, SA 10)
- Without car isolation for goods lifts
- Buffer plates in addition
- Extended governor rope end (SA 1)
- Travelling cable mounting (SA 11)
- Compensation chain mounting (SA 11)

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