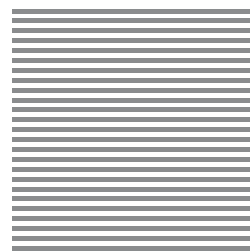


# SL20C SL22C

VENETIAN BLIND



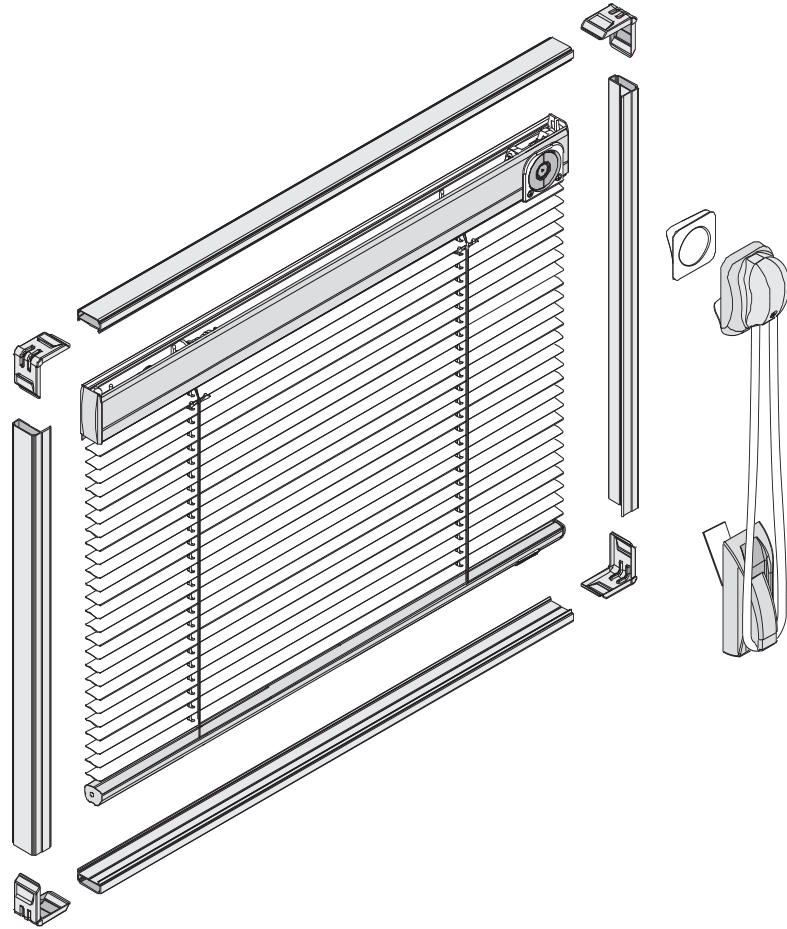
ScreenLine®

# ScreenLine

double-glazed unit 20 mm • 22 mm

# SL20C

## SL22C



The ScreenLine® venetian blinds SL20C / SL22C designed for use in double-glazed units, are manufactured in accordance with high technical specification and production standards. The slat raising, lowering and tilting function is achieved using a rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal. The external magnet, fixed to the internal glass by double-sided high performance adhesive allows perfect alignment with the internal magnet. The raising and lowering operation is achieved using a continuous cord loop that drives the external magnet. The cord is held lightly under tension by a cord tensioner on the glass directly below the external magnet.

Height	300 ~ 2.500 mm
Width	300 ~ 2.000 mm
Maximum area	see feasibility tables
Blind stack height	4.0% of height + 45 mm

## 1. technical features

### Magnetic drive components

Fibreglass re-inforced nylon 66 casing. Transmission gears and parts manufactured from carbon-nitride steel. Ball bearing support for both magnets and gears. Neodymium-Iron-Boron magnets with the following technical features:

Energy produced	Bh max-Mg.0e	33-35
Residual induction	Br-Gauss	11.000 / 12.000
Coercive force	Hc-Oestered	10.000
Maximum working temperature	°C	120
Curie temperature	°C	310
Reversible temperature factor	°C	-0.12%

### Head rail

Extruded aluminium, A6063S-T5 alloy. Dimensions: width 18 mm, height 41 mm including pelmet. Powder coated to colour co-ordinate the slats. Includes interlocking design mechanism for easy and quick assembling of head rail to the upper U-shaped spacer bar.

### Slat

Aluminium, AA 6011-T8 alloy. Dimensions: width 12.5 mm, thickness 0.2 mm. High-resistance polyester paint. Available colours: nine. The slats have a special treatment designed to eliminate possible emissions of chemical products inside the double-glazed unit, when exposed to ultraviolet and heat radiation i.e. non-fogging.

### Solar and light performances of the slat only

SLAT COLOUR	S102	S106	S125	S130	S142	S149	S155	S156	S157
Solar reflection %	70	62	57	58	65	68	42	65	43
Light reflection %	78	72	63	65	69	75	48	62	44
Solar absorption %	31	38	43	42	35	32	59	35	57

### Bottom rail

Extruded aluminium A6063S-T5 alloy. Dimensions: width 14 mm, height 11 mm. Powder coated to colour co-ordinate the slats. Manufactured in two interlocking profiles.

### Ladder

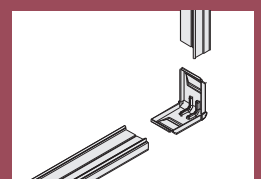
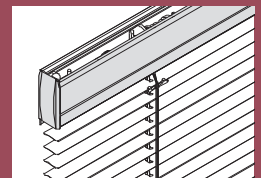
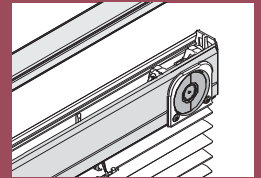
Thermo-fixed 100% polyester. 10 mm pitch. They have excellent dimensional and colour stability to UV radiation, and are treated to avoid any possible emissions of chemical products inside the double-glazed unit, exposed to ultraviolet rays and heat. Colour co-ordinated with the slats.

### Cords

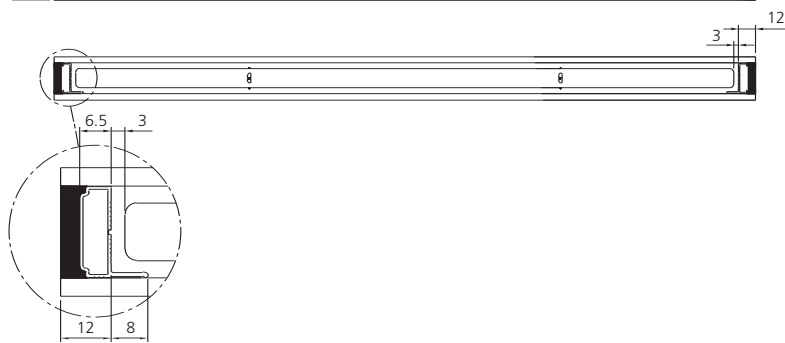
Thermo-fixed 100% polyester with internal core and excellent dimensional stability.  
1.0 mm diameter internal cord with centre core - white.  
4.0 mm diameter External cord - white, black or light grey.

### Spacer bar

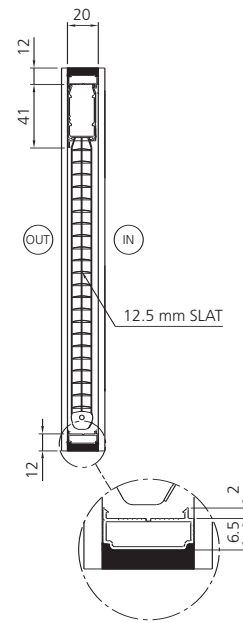
Extruded aluminium. Available in two versions for each system:  
SL20: "U" spacer bar dimension 20 x 6.5 mm with 2 mm projection; "L" spacer bar 20 x 6.5 mm with 8 mm projection.  
SL22: "U" spacer bar dimension 22 x 6.5 mm with 2 mm projection; "C" profile side guide 22 x 6.5 mm with 8 mm projections.





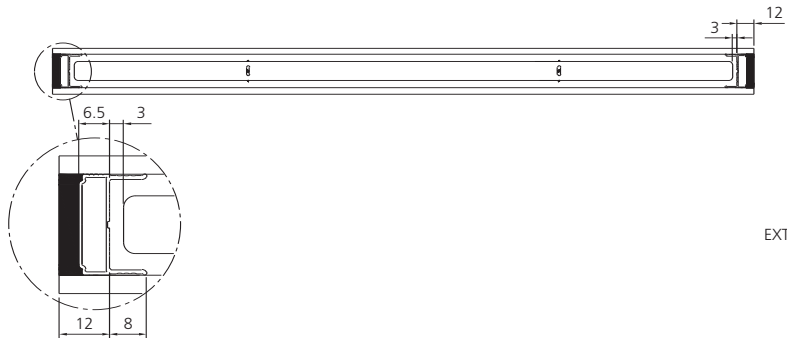
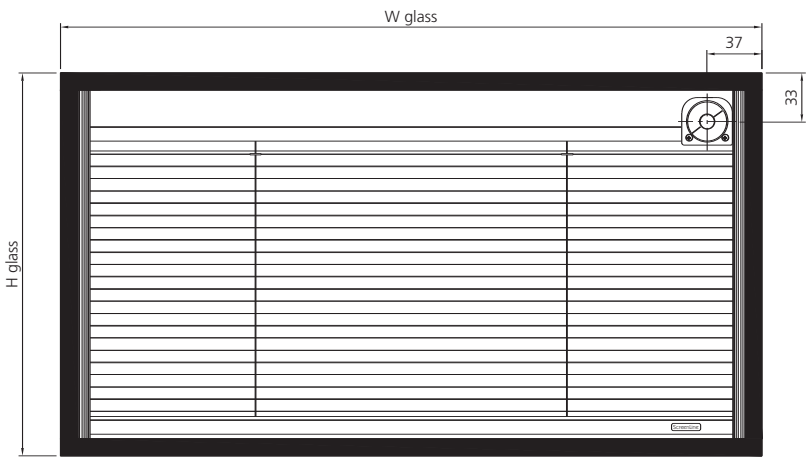


EXTRUDED "L"  
SPACER BAR 20 x 6.5 mm

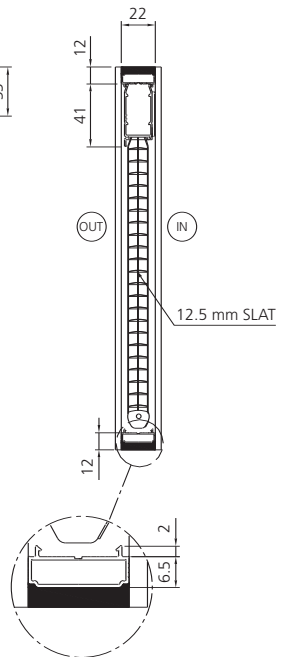


EXTRUDED "U"  
SPACER BAR 20 x 6.5 mm

SL20C double-glazed unit



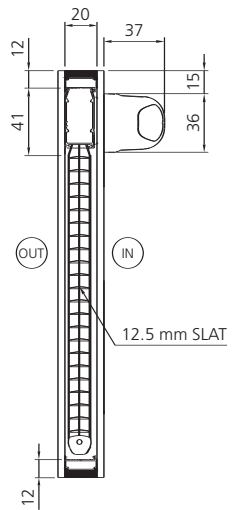
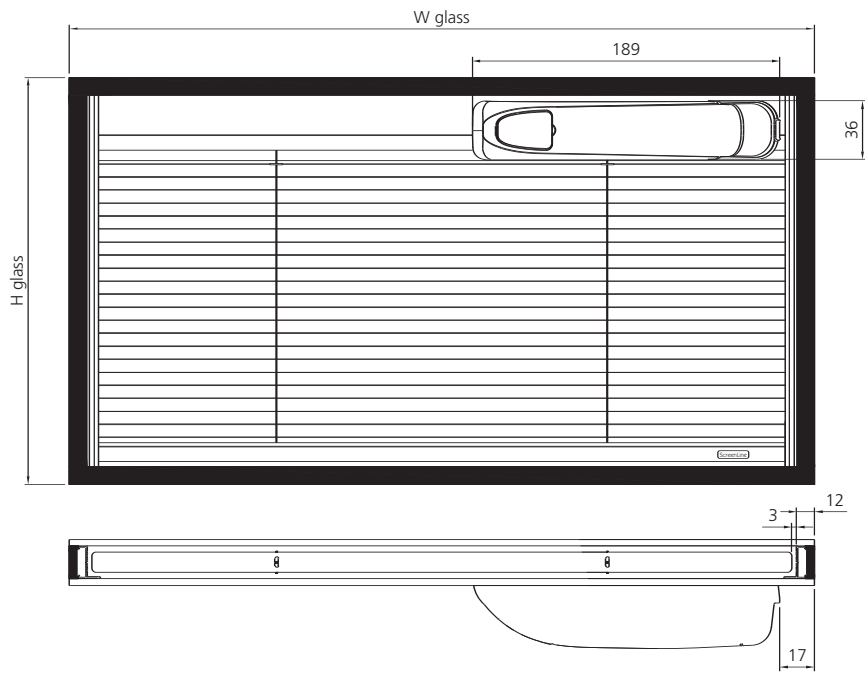
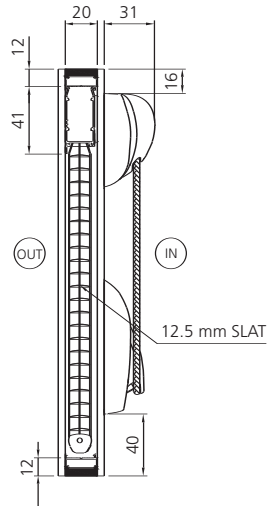
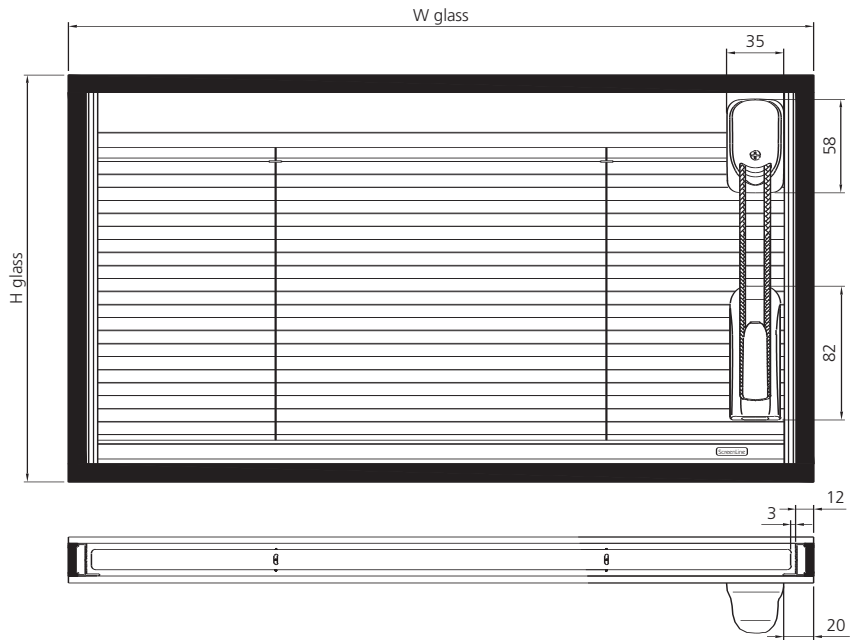
EXTRUDED "C" PROFILE  
SIDE GUIDE 22 x 6.5 mm

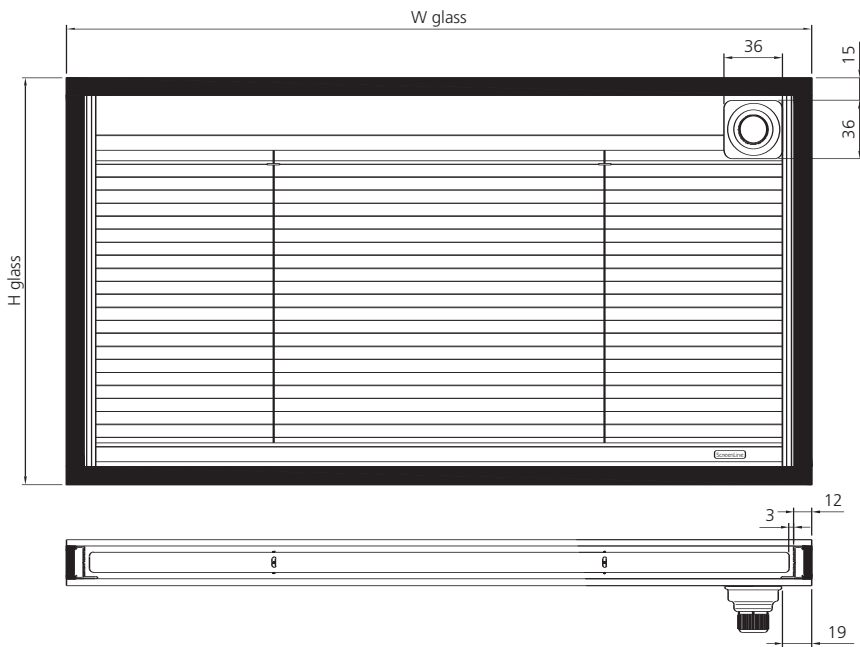


EXTRUDED "U" PROFILE 22 x 6.5 mm

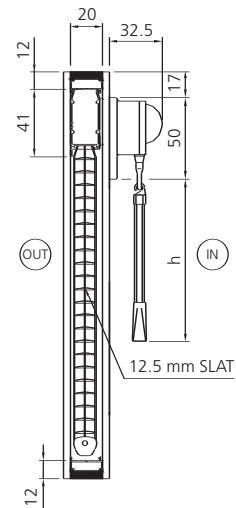
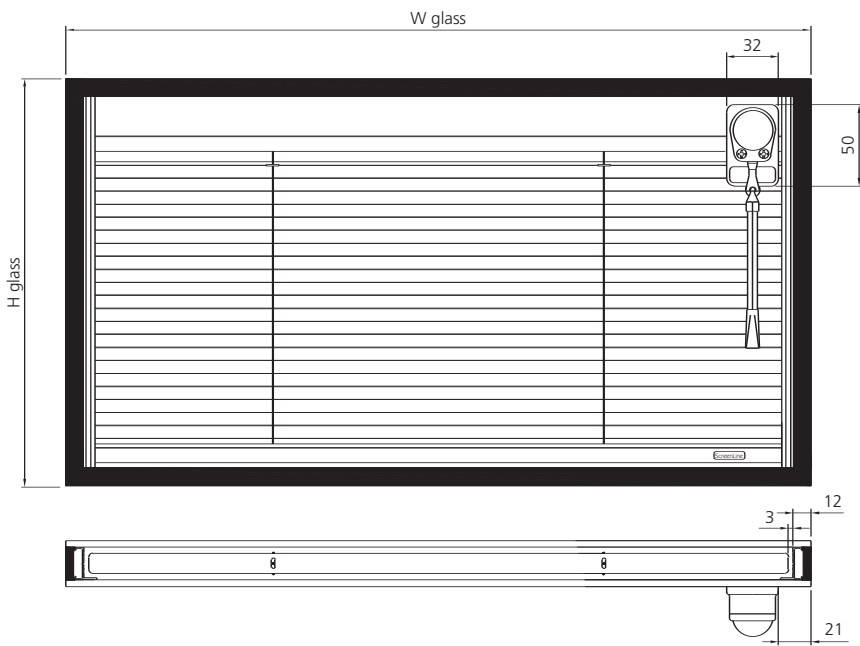
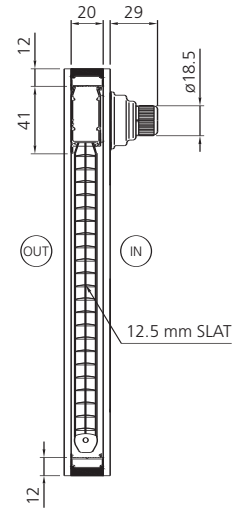
SL22C double-glazed unit

raising, lowering and tilting functions



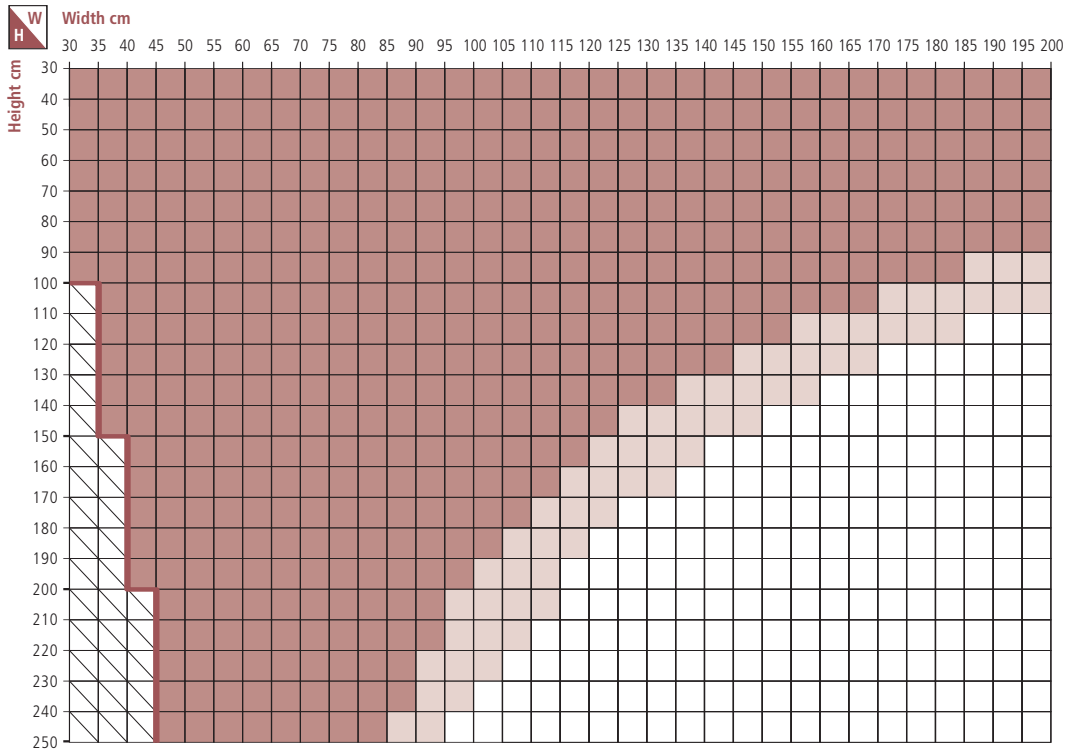
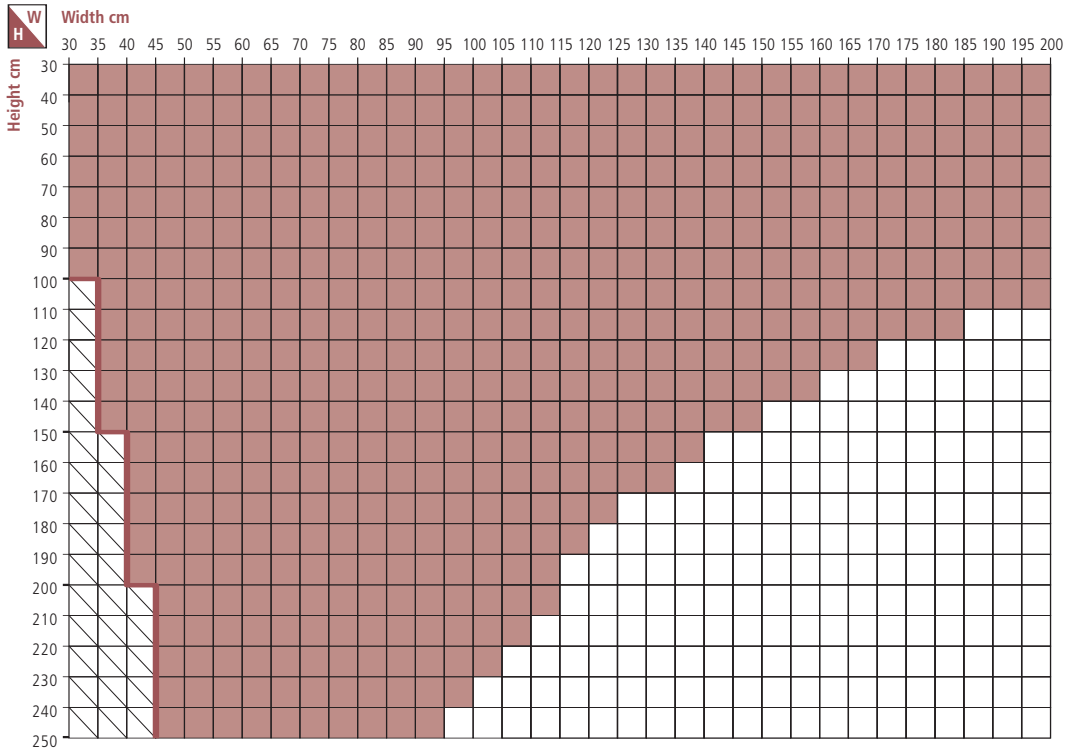


tilt only



# SL20C

## 3. feasibility



■ Raisable with standard speed System

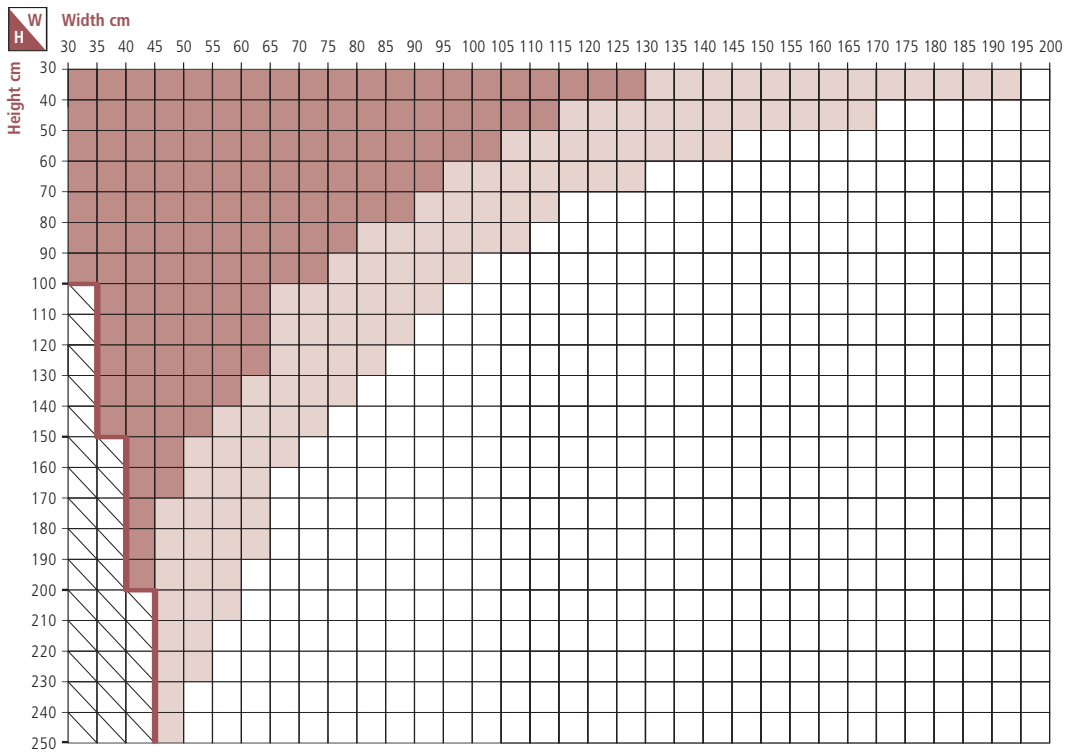
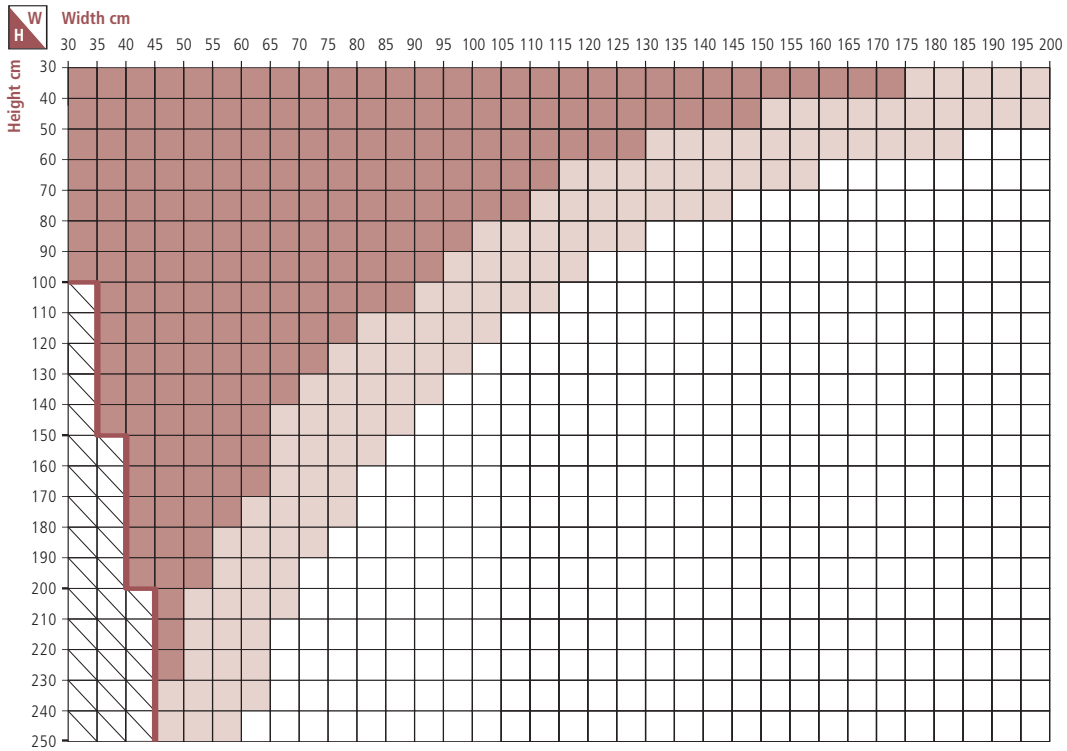
■ Raisable with reduced speed System

□ Tilt only with blind delivered raised and packaged

▨ Tilt only with fixed bottom rail



feasibility



- Raisable with standard speed System
- Raisable with reduced speed System
- Tilt only with blind delivered raised and packaged
- Tilt only with fixed bottom rail

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