



MODEL
S500R

KEL-BERG 3 AXLE STEPFRAME
EXTENDING MACHINE CARRIER

TRAILER SPECIFICATION

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DIMENSIONS & WEIGHTS:

	General Driving	Up to 60 km/h
Permissible total weight	44,000 kg	57,000 kg
Permissible main bolt load	18,000 kg	21,000 kg
Permissible bow load	24,000 kg	36,000 kg
Wheelbase	8,925 - 11,925 mm	
Boogie	2 x 2,110 mm	
Rope length	3,865 mm	
Loading length	9,120 mm	
Extension	3,000 mm	
Stool height	1,250 mm	
Max chassis length	16,025 mm	
Chassis width	2,540 mm	
Extension bracket up to	3,000 mm	
Free turning radius	2,700 - 2,300 mm	

CHASSIS:

Central box beam welded in S700MC/S690QL high tensile steel. Side profiles in UPN 220 and cross members in S500MC and S355MC. Reinforced wheel arch in non-slip steel 6/8. Underrun bumper and cyclist protection according to Danish regulations.

AXLES:

3 x 12 tonne SAF axles with disc or drum brakes, original air suspension. 1 x lift axle and 1 x hydraulically controlled axle with remote control.



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BRAKES:

2-line compressed air mechanical brake system of recognised make that complies with EU Directive 71/320 + 79/489. Statutory 4S/2M EBS system. Asbestos-free brake linings.

TYRES & WHEELS:

Fitted with 12 pcs. 245/70R17.5 of recognised brand with steel rims in silver colour.

LANDING LEGS:

2 landing legs with flat foot of recognised brand.

ELECTRICAL SYSTEM:

- 2 x 3-chamber rear lights, 1 x licence plate light
- 2 x cornering lights, 4 x side marker lights with reflector per side
- Statutory front and rear marker lights, statutory reflectors
- 2 x 7-pin and 1 x 15-pin ISO sockets ISO 3731/1185
- VBG 14-pin
- Base for rotating beacon on rear bumper
- Advance warning signs with 2 pcs. red/white marker lights and socket for red indicator

LANDING:

1,000 mm steel front and 400 mm side in aluminium plates. 2 pcs, aluminium ramps for the landing.



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FLOOR:

Base made of 47 mm planks with steel door plate above the axles.

WIDTH EXTENSION :

- Pre-widening bracket up to 3,000 mm
- 2 x 8 steel pre-widening brackets on each side
- 4 pcs. front and rear pre-preparation signs
- 10 pairs of 10 tonne lashing rings in edge frame
- 4 pairs of 10 tonne lashing rings recessed in the body

DOUBLE RAMPS:

- 2 hydraulic ramps welded in QSTE 500 steel.
- Width = 900
- +/- 200 mm side shift in and out
- Length = 2,950 + 1,650 mm
- 2 hydraulic support legs in the rear

ACCESSORIES:

2 toolboxes with side door opening, placed between the 1st and 2nd axle with one on each side. Container bucket with wheels.

PAINTING:

All steel parts are shot-blasted SA 2 ½. Metallisation (Zn/Alu) in low bed and outer area. Epoxy coated primer. Finished with a coat of lacquered Polyurethane Acrylic Aliphatic. Chassis painted in a RAL colour in approved ICI products.

EXTRA EQUIPMENT:

- Stakes
- Stake Carrier
- Mailbox
- Spare wheel suspension
- LED lights
- Aluminium wheels



