



MODEL
S600FA

KEL-BERG 4-AXLE LOW LOADER
WITH RAMPS & TROUGH

SPECIFICATION

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DIMENSIONS & WEIGHTS:

Heavy operation

Permissible gross vehicle weight	58,000 kg
Permissible main bolt load	18,000 kg
Permissible bogie load	40,000 kg
External chassis length	13,100 mm
Distance from main bolt to 2nd axle	8,360 mm

Normal driving

Permissible total weight	46,000 kg
Permissible main bolt load	16,000 kg
Permissible bogie load	30,000 kg
Extension	2,500 mm
Distance from main bolt to 2nd axle (bogie)	2 x 1,360 mm

Fifth wheel height	1,300 mm
Overhang	1,265 mm
Extended width (not repos)	2,540 mm - 3,000 mm
Base height in rear	880 mm
Neck length	2,590 mm

CHASSIS:

The centre rails are welded in high-strength steel with the sections sliding into each other. It is a heavy-duty chassis suitable for heavy-duty applications. Retractable sidewalls are mounted on the lower tyre. This gives an extra width of 230 mm per side as standard without loose planks. 300 mm intermediate tyre for optional positioning at the pull-out.



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STEERABLE AXLES:

Co-steering and swivelling 3rd and 4th axles that can be locked above the rear light or with a switch mounted on the side of the trailer.

BRAKES:

2-line compressed air mechanical brake system, with 80 L steel tank in black. Spring brakes are fitted on 2 axles and a release valve is fitted in the left rear. ABS brake system made by Knorr/WABCO 2S/2M.

WHEELS & TYRES:

Fitted with 16 pcs 235/75R17.5 tyres of a recognised brand.

ELECTRICAL SYSTEM:

The electrical system is manufactured according to ISO 3731. It features:

- 2 pcs. 5-chamber rear lights
- 2 number plate lights
- 2 x swivelling lights
- 5 side marker lights with reflectors per side
- Statutory marker lights and reflectors
- Base for rotating beacon in the left side of the rear end
- 2 x 7-pole light sockets
- 7-pin T-connector at the bend and in the rear

LANDING LEGS:

2 landing legs of recognised brand, with two speeds and flat foot. 2 pcs. swivelling/extendable landing legs in the rear, manually operated. Max. load on rear support legs: 45,000 kg.



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KINGPIN:

2" SAE Kingpin.

FLOOR:

On the landing: 40 mm wooden planks with steel door above king pin. On the lowered part: 50 mm wooden planks, with steel door plate over bogie.

SIDES:

Removable 400 mm steel front and removable 400 mm aluminium sides on the landing. 400 mm removable aluminium side across the landing, behind the aluminium sides.

RAMPS:

Hydraulic ramps are clad with 40 mm wooden planks at the rear. Two-part in length 2,950 mm + 1,600 mm, ramp width 850 mm. Can be extended to a total width of 3,000 mm. The ramps are hydraulic and laterally displaceable.

LOAD SECURING:

- 7 pairs of heavy-duty tie rods in the edge rail of the lower deck (max. 5,000 kg pull).
- 2 pairs of tie rings in the lowered part (max 10,000 kg pull).
- 1 pair of tie rings on the bend itself (max. 10,000 kg pull).
- 2 pairs of tie rings on the landing (max. 2,500 kg pull).
- 7 pairs of 50x100 mm plinths are mounted in the edge rail on the lowered part.



PAINTING:

Sandblasted to SA 2.5, 2-component primer and 2-component topcoat. Chassis painted in one RAL colour, in approved ICI products.

EXTRA EQUIPMENT:

- 1 spare tyre 235/75R17.5 mounted on the front
- 2 pcs. wheel chocks on the side of the neck
- Pull-out signs
- Rotor flashers
- Ramp for landing
- Diode lights