

CHAMP 35

LOWER DECK LOADER



TREPTEL
AIRPORT EQUIPMENT GMBH

THE ECONOMIC SOLUTION FOR CONVENTIONAL HANDLING OF CONTAINERS

The CHAMP 35 is especially designed for the handling of small containers like LD2 or LD3. Its narrow transfer width makes it ideal to handle all 61" cargo doors at lower deck level of conventional and wide-body aircraft. With its two independently operable platforms and its total narrow width, the CHAMP 35 can also clear the front and rear doors of the A319 very easily. Extremely fast lifting, lowering and transporting speeds reflect this lower deck loader's high acceptance with turnaround times at an absolute minimum. As a true CHAMP, the CHAMP 35 features the same technical attributes as its bigger brothers and shares the same reliability.

Performance

Dimensions l x w x h	8.080 x 2.900 x 2.950 mm
Capacity	3.500 kg
Lifting height front- / main platform	1.950 to 3.500 mm / 480 to 3.400 mm
Loading width (between guide rails)	1.620 mm
Driving speed	15 km/h
Gradability	6 %
Turning radius	7.500 mm

Design

Engine	Deutz 4-cylinder diesel type F4L2011 (COM II, EPA-TIR II)
Transmission / axles	Open circuit hydrostatic drive system on front axle
Steering	Hydraulic powered steering
Braking system	Dual-circuit hydraulic multiple disc brakes, additional spring-loaded emergency parking brake
Stabilisers	5 hydraulically operated stabilisers
Conveying system	Zinc plated steel rollers for longitudinal transfer, rotating system on rear of main platform, hydraulically adjustable guide rails on front platform
Hydraulic system	Central hydraulic valve block, valves fitted with control light
Electric system	24V, relay controlled

Options

Side loading of LD containers on rear of main platform,
electrically powered hydraulic emergency system to lower
platforms and lift stabilisers etc.
Please consult the technical specification for further information.

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