

77.000 lbs
35 tons

CHAMP 350

MAIN DECK LOADER



TREPel
AIRPORT EQUIPMENT GMBH

The one and only 35 ton loader in the world

At last it's here – the most capable high loader in the world, the CHAMP 350! The continuous increase in weight of oversized cargo has been making more demands on ground support equipment. Trepel has addressed this challenge with its newly developed 35 ton capacity main deck loader. Not only does the CHAMP 350 boast 35 tons lifting capacity on the main platform, this also applies to the front platform. New technical features such as hydraulic adapters, twin wheels, telescopic driver's stand and a new lifting system on the front platform make the CHAMP 350 the most advanced loader of its kind. Cutting edge statics calculation methods, state-of-the-art manufacturing processes and the use of newest components from our sub-suppliers such as common rail diesel engine technology make this unit a most innovative loader. CHAMP 350 – technology at higher level.

Performance

Dimensions L x W x H	13.100 x 4.500 x 3.870 mm
Capacity	35.000 kg main platform lift and transfer 35.000 kg front platform lift and transfer
Lifting height front / main platform	2.100 to 5.600 mm / 490 to 5.600 mm
Loading width (between guide rails)	3.310 mm
Driving speed	10-13 km/h
Gradability	5 %
Turning radius	14.000 mm

Design

Engine	Deutz 4-cylinder diesel type TCD 2012 L04 2V (COM 3A / EPA-TIER 3/CARB), other engines and emission class on request
Transmission / axles	Open circuit hydrostatic drive system on steering front axle, bogie wheel system on rear axle
Steering	Hydraulic power steering
Braking system	Dual-circuit hydraulic multiple wet disk brake, additional spring-loaded emergency parking brake, dynamic brake system
Stabilisers	6 hydraulically operated stabilisers
Conveying system	Zinc-plated steel rollers for longitudinal transfer, side loading and rotating on rear of main platform, side loading on front of main platform, hydraulically operated stops and guide rails on main platform
Hydraulic system	Central hydraulic valve block, valves fitted with control light, electrically powered hydraulic emergency system to lower platforms and lift stabilisers
Electric system	24 V, relay controlled

Options

Please consult the technical specification for further information.

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