

DCG300-12S | Cummins B6,7 (168 / 188 kW) EU5 / T4F + Dana TE-17300 | Duplex, clear view, standard - LH 5000
Lifting data

DCG300-12S	
Lifting capacity, rated (kg)	30000
Lifting speed, unloaded – at 70% of rated load (m/s)	0,35
Lowering speed, unloaded – at rated load (m/s)	0.38 - 0.38

Driving data

Travelling speed forward, unloaded – at rated load (km/h)	28 - 25
Travelling speed backward, unloaded – at rated load (km/h)	28 - 25
Gradeability max., unloaded – at rated load (%)	64 - 31
Gradeability at 2 km/h, unloaded – at rated load (%)	46 - 23
Drawbar pull, max. (kN)	218

Weight of truck

Service weight (kg)	40200
Axle load front, unloaded – at rated load (kg)	20000 - 65600
Axle load rear, unloaded – at rated load (kg)	20200 - 4600

Engine

Manufacturer / model	Cummins - B6,7 (Turbo-Intercooler)
Fuel / type of engine	Diesel / 4 stroke
Emission stage / approval	EU Stage V / EPA Tier 4 Final
Number of cylinders / displacement (liter)	6 / 6.7
Max. rpm in machine	2000
Power rated / max @ revs, ISO 3046 (kW / rpm)	168 / 2200 (188 / 1800)
Torque max @ revs, ISO 3046 (Nm@rpm)	1186 / 1300 (1150 / 1200 - 1500)
Alternator, type - power (W)	AC - 1960 (28V x 70A)
Starting battery, voltage - capacity (V – Ah)	2x12 - 145
Fuel consumption, normal driving (l/h)	13 - 15
DEF consumption, normal driving (% of diesel)	4 - 6

Transmission

Manufacturer / model	Dana / TE-17300
Clutch, type	Torque converter
Gearbox, type	Hydrodynamic Powershift
Number of gears, forward - reverse	3 - 3
Driving axle, manufacturer / type	Kessler D91 / Differential and hub reduction

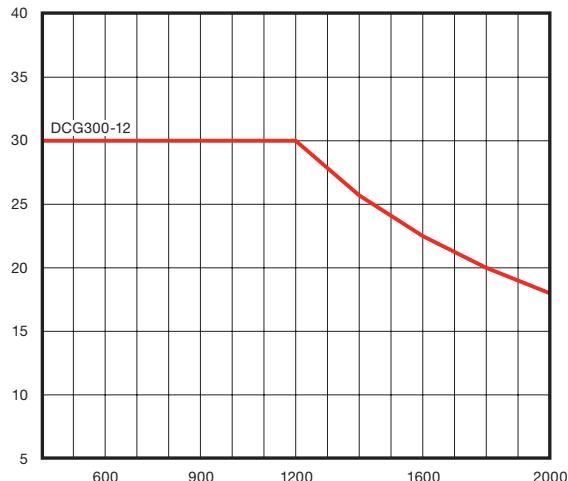
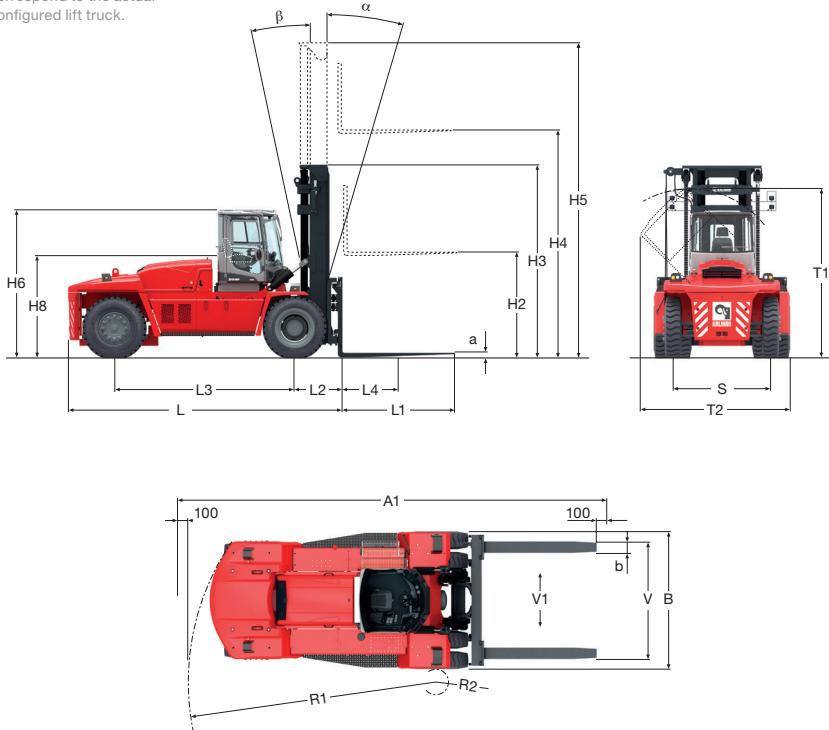
Wheels

Type	Pneumatic
Dimension, front – rear (inch)	16.00x25 – 16.00x25
Number of wheels, front – rear (*driven)	4* - 2
Pressure (MPa)	1,0

Miscellaneous

Steering system, type – maneuvering	Hydraulic servo - Steering wheel
Service brake system, type – affected wheels	Oil cooled disc brakes (Wet disc brakes) - Drive wheel
Parking brake system, type – affected wheels	Dry, spring activated disc brakes - Drive wheel
Max. hydraulic pressure (MPa)	20,5
Noise level EN12053 with ECO modes - equivalent inside cabin LpAZ (dB(A))	73
Noise level EN12053 with ECO-modes - equivalent outside cabin LwAZ (dB(A))	110
Fuel volume (l)	450
AdBlue volume (l)	15
Hydraulic oil volume (l)	330

Illustrations does not correspond to the actual configured lift truck.



Dimensions

Length of truck (mm)	L	6675
Width of truck (mm)	B	3430
Height of basic machine (mm)	H6	3415
Height of seat (mm)	H8	2300
Distance between centre of front axle – front face of fork arm (mm)	L2	1140
Wheelbase (mm)	L3	4500
Load centre (mm)	L4	1200
Track (c-c), front – rear (mm)	S	2540 - 2440
Turning radius, outer – inner (mm)	R1-R2	6450 - 825
Ground clearance, min. (mm)		300
Max. height when tilting cab (mm)	T1	3800
Max. width when tilting cab (mm)	T2	3800
Min. aisle for 90° stacking with forks (mm)	A1	10100
Lifting height (mm)	H4	5000
Mast height, min. (mm)	H3	4520
Mast height, max. (mm)	H5	7020
Tilting of mast, forward - backward (°)	α-β	5 - 10
Fork width (mm)	b	300
Fork thickness (mm)	a	110
Length of forkarm (mm)	I	2400
Width across fork arms, max. - min. (mm)	V	3150 - 850
Sideshift ± at width of across fork arms (mm)	V1-V	625 - 1900

The design and materials specification are subject to alteration without prior notice.
Tolerances according to K-standard 95430.0008/0009

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