



Keeping cargo moving forward is obviously of critical importance. Meanwhile, the performance of your forklift-and-driver teams has the most significant impa on cargo handling operations – both day-to-day and over time. That's because forklift-and-driver teams directly influence your ability to keep promises, generate future revenue as well as increase lifetime savings.

Introducing Kalmar DCG100-180

Like all Kalmar solutions, Kalmar DCG100-180 forklifts offer greater total lifetime savings by improving the performance of your forklift-and-driver teams. DCG100-180 is a range of Kalmar forklifts with a lifting capacity of 10-18 tonnes. Each in the range is designed, built and delivered to keep forklift uptime and driver productivity levels high – and keep running, maintenance and lifetime costs low.

Designed to deliver greater total lifetime savings

It's simple: great forklift-and-driver teams save your company time and money every working day – and over the lifetime of your business. The DCG100-180 is designed, built and delivered to offer greater total lifetime savings - capitalising on insights from Kalmar's proven savings – capitalising on insights from Kalmar's proven track record of supporting more than 10,000 users of forklifts with a lifting capacity of 10–18 tonnes. The DCG100-180 offers superior uptime as well as fuel and maintenance savings. As important, it incorporates the best driving environment of any forklift – our new EGO cabin – loaded with features that inspire driver productivity, efficiency and safety.

Total lifetime savings

The following factors contribute to achieving total lifetime savings while owning, operating and maintaining a forklift. Each DCG100-180 forklift helps you meet them all.

Forklift-and-driver productivity

Operational savings

Maintenance savings

Wear and spare part savings

Resale savings

Purchase optimisation

Our most productive driving environment.

EGO cabin enables driver productivity.

The DCG100-180 offers your drivers Kalmar's most productive driving environment – our EGO cabin. The EGO cabin provides a great working environment, ergonomic excellence and many productivity enhancing features.

The EGO cabin incorporates a spacious curved front window that gives the operator excellent side-to-side and overhead visibility. Operators gain greater operating control and precision thanks to well placed, ergonomically improved instruments, levers, pedals, panels, switches and display. A closer look shows why the DCG100-180 is such a great working environment. One test drive will prove it.

Ergonomic steering wheel.

Here's an ergonomic twist: Ego's steering wheel is not only adjustable; it can also be tilted to the side. This decreases stress while driving and reversing. Thoroughly tested, it raises the ergonomics bar.

Comfort pedals. A flexible and safe pedal system gives an adjustable pedal angle. The improved ergonomics minimises strain on the operator's foot. A floor-based solution that gives a hanging pedal feel.

Climate package. Complete and flexible climate control system that matches the high demands of the climate tested EGO cabin. Large air intake, easy filter replacement in the front, well-dimensioned and designed components provide complete driving comfort and convenience.

Ergonomic multi-seat.

The rotatable and fully integrated Kalmar seat. Designed and developed for maximum sitting posture, comfort and ergonomics for long shifts and demanding operations.

Operating console. The complete unit for those who use the mini steering wheel or steering lever. Integrated switch knob. Fully adjustable and individually tested for optimal ergonomics. The steering wheel can be folded forward without limiting visibility.

The joystick with built-in gear knob is designed to improve driving efficiency. It is optimised for maximum lifting capacity and ergonomically enhanced to reduce arm fatigue.

Optimised visibility. Completely new open design with smart profiles and curved front and rear windows. Provides optimised views at all angles, with exceptionally good views diagonally forwards and backwards. And a strong outdoors feeling.

Work console. A natural extension of the driver's arm. Easy to set, adjust, use and understand. Ergonomic and flexible. Here are all the necessary controls, switches, levers and indicators for effective operations. Clear, well-placed panels. Steering wheel controls for data display as well as the whole control system.

Overhead guard. The EGO cabin is also available as an overhead guard. A simpler, more robust alternative that easily fulfils requirements on visibility, safety and ergonomics. Durable and robust for all kinds of weathers.























Increasing productivity of forklift-and-driver teams.

Ensuring cargo is handled in perfect condition and on time. It's the base for keeping your promises and generating revenue. Meanwhile, ensuring your driver can uphold delivery precision is dependent upon your forklift availability. Here are some of the ways DCG100-180 ensures high uptime levels.

Boosting uptime with smarter electronics.

The improved electronic system of the DCG100-180 is a fast, intelligent and stable system that makes the forklift user-friendly and reliable. The electronics requires far fewer connection points and cables, which means fewer faults and improved operational reliability. The electronics also incorporate a modern, distributed and redundant CAN-bus (Controller Area Network) that ensures reliability. It monitors the condition and performance of the engine, gearbox, valves and more: controlling 500 measuring points, 50 times every second. This keeps the forklift and its engine components operational even in the worst-case scenario. The CAN-bus constantly provides conditionmonitoring data via a 3.5" colour display that is placed at eye level in the cabin – so the driver can make well-informed decisions.

Two new diesel engines meet stricter emission regulations.

The Kalmar DCG100-180 offers you the choice of EU Stage V and Tier 4 Final emissions compliant diesel engines for regulated markets*. From Volvo and Cummins, both cut particulate emissions by 90% as well as reduce nitrogen oxide emissions. Both engines improve fuel efficiency whilst maintaining operational reliability, durability or performance. As important, both engines ensure maximum power and torque are available at low rpm.

Powerful hydraulics when you need it.

The variable pumps automatically sense the load in every operation and adjust the oil flow accordingly, allowing for faster lifting cycles while reducing fuel consumption. New electric and hydraulic systems mean quicker response, high lifting speed and increased control. This combination helps drivers be more productive while using less fuel.

Keeping clean and cool to reduce risks of failure.

A cooling system improves uptime and operational reliability of he DCG100-180. It helps keep the engine compartment cooler, thus promoting a longer lifetime of engine, hydraulic and electrical components. We offer an optional reversible cooling fan that helps keep the radiator clean from potentially harmful dirt, dust or particles. A perfect option for e.g Sawmills or other dusty applications.

^{*} For non-regulated markets we can offer EU stage IIIA.





Improving safety and operating costs.

Like all Kalmar equipment, Kalmar DCG100-180 forklifts and EGO cabins are designed to contribute to safe driving, low accident rates as well as low operator misuse, abuse or accidents. In short, the cabin and forklift are designed to help drivers stay alert, keep in-tune with the forklift as well as the surroundings.

Improved forklift safety features.

The DCG100-180 helps reduce the risk of accidents. It not only meets all current and emerging demands for operator health and safety. It can also be equipped with a number of safety features making the operations as safe as possible.



Speed Limitation System.

Kalmar can configure your forklift depending on your needs. Limitations can be set both in relation to lifting height and travel speed or in combination. In order to increase the safety in your operations.



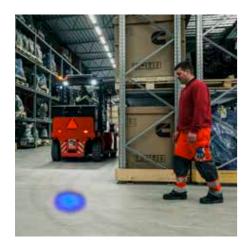
Alcolock.

More and more companies are installing Alcolock on their machine. This is a efficient way of prohibiting persons intoxicated by alcohol to operate the forklift.



Fire Suppression System.

In the unlikely event of a fire in the engine compartment the suppression system will automatically be activated to suppress the fire. A useful option in e.g sawmill.



Blue Safety Light System. The blue safety light alerts people that the forklift is approaching, reducing the risk of accidents.

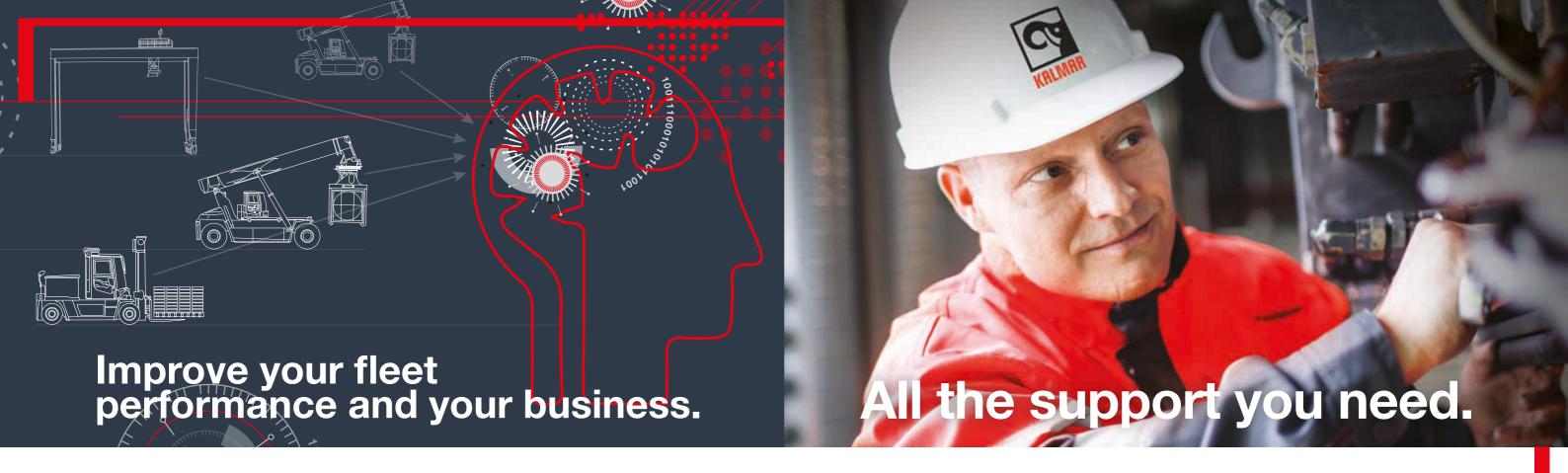












Optimise your fleet with Kalmar Insight.

Kalmar Insight is a performance management tool for cargo and material handling, which gives you a valuable and easy to use overview of your daily operations based on equipment status and performance. Making it quicker for you to take action on relevant information that will help you improve your operations, your equipment's performance and your business.

Kalmar Insight comes fitted in all new Kalmar machines and can be retrofitted to existing Kalmar machines or those built by other manufacturers.



Access on mobile, tablet or traditional screen



View each machine's movements as they occur.



Plan your maintenance and spare parts needs



View each operator's performance in real time.

Kalmar Care.

Making sure your business never stops.

We offer four different types of service and maintenance contracts. Each is designed to help you improve your operational efficiency, drive productivity and secure financial predictability. Each contract type includes a set of standardised service modules to meet your business needs. Here is an overview of the four different levels:

The four flexible types of service contracts.

Kalmar Support Care

We support your maintenance processes on demand.

- Availability of competent people with the right tools and parts
- Addition of skills to existing maintenance organisation

Kalmar Essential Care

We perform your agreed maintenance tasks proactively.

- Availability of competent people with the right tools and parts
- Higher degree of financial predictabilityReduced operational risk for business
- Improved availability of machines

Kalmar Complete Care

We meet your complete maintenance requirements.

- Improved predictive maintenance
- Low operational risk for business
- Reduced equipment downtime
- Reduced total cost of operation
- Increased operational predictability

Kalmar Optimal Care

We optimise your business performance.

- Guaranteed availability
- Reduced tied-in capital
- Improved business performance
- Increased peace of mind

Kalmar Genuine Parts.

When the right part matters.

When something needs to be replaced, you need a spare part that meets your exact needs – urgently. Kalmar offers a rapid delivery service for over 50,000 premium-quality genuine parts to anywhere in the world, with installation support if needed.

You may also want to consider outsourcing all or part of your spare parts management and inventory control. Kalmar Parts Care makes sure that critical spare parts are always on hand so your equipment downtime is kept to a minimum. Each Kalmar Parts Care plan is based on your operational needs, so talk to us today and see how we can improve your parts availability while reducing your inventory costs.

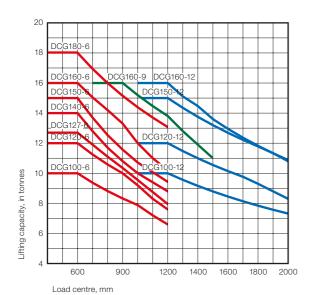
Financing options for you.

Lease or rent.

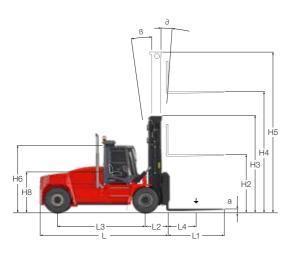
You may choose to buy your new forklift outright or consider leasing or renting your equipment. Kalmar offers a range of options that give you the financial predictability you need and the option to upgrade your equipment after a fixed period. With our leasing packages, you can focus on your core operations, while we perform all your service and maintenance tasks. Kalmar can also work with you when trading in your old equipment.

No matter what your service and support needs are, make sure you speak to your local Kalmar team first.

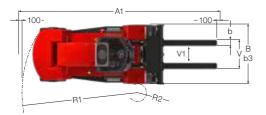
Technical information.



DCG100-6 to DCG180-6 models: Full lifting capacity up to 5000 mm lift height with duplex/duplex freelift/triplex masts and integrated sideshift/fork positioning carriage.







				DCG 100-6	DCG 120-6	DCG 127-6	DCG 140-6	DCG 150-6	DCG 100-12	DCG 120-12	DCG 150-12	DCG 160-6	DCG 160-9	DCG 160-12	DCG 180-6	DCG 70-35 E3	DCG 70-35 E4
	Model designation			DCG 100-6	DCG 120-6	DCG 127-6	DCG 140-6	DCG 150-6	DCG 100-12	DCG 120-12	DCG 150-12	DCG 160-6	DCG 160-9	DCG 160-12	DCG 180-6	DCG 70-35 E3	DCG 70-35 E4
	Power source			Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
₹¥	Rated capacity / rated load	kg		10000	12000	12700	14000	15000	10000	12000	15000	16000	16000	16000	18000	7000	7000
2	Load center distance	mm	L4	600	600	600	600	600	1200	1200	1200	600	900	1200	600	1220	1220
MAIN DATA	Load distance, center of drive axle to fork	mm	L2	895	900	900	910	980	990	990	1000	980	990	1000	990	1265	1265
~	Wheelbase	mm	L3	3000	3000	3000	3250	3250	3250	3500	3500	3500	3500	3750	3250	3500	3500
	Service weight	kg		16200	16700	17200	17500	19800	19100	20300	22900	19600	21600	23100	21700	25300	27400
<u>T</u>	Axle loading, unloaded front	kg		8700	8800	8800	9000	10300	10500	10700	10900	10400	10600	11200	10400	15900	17500
WEIGHTS	Axle loading, loaded front	kg		23700	26700	27850	29500	32600	27200	30200	35300	33600	35200	36600	37200	28000	29600
×	Axle loading, unloaded rear	kg		7500	7900	8400	8500	9500	8600	9600	12000	9200	11000	11900	11300	9400	9900
	Axle loading, loaded rear	kg		2500	1900	2050	2000	2200	1900	2100	2600	2000	2400	2500	2500	4300	4800
	Type, front / rear									Pneumatic	/ Pneumatic						
	Tyre size, front	inch		11,00×2	20/16PR				12	2,00×20/20F	PR				12,00× 20/20PR HD	12,00×2	20/20PR
WHEELS	Tyre size, rear	inch		11,00×2	20/16PR				12	2,00×20/20F	PR				12,00× 20/20PR HD	12,00×2	20/20PR
≱	Number of wheels, front / rear (x = driven wheels)			4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2	4x / 2
	Track width, front / rear	mm	S	1840 / 1960	1840 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	1855 / 1960	2210 / 1960
	Tyre pressure	MPa		0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	1	1	0,9	0,9
	Mast tilt, ∂ = forward / β = backward	0	ð/B	5 / 10	5/10	5/10	5 / 10	5 / 10	5 / 10	5 / 10	5 / 10	5/10	5 / 10	5/10	5 / 10	3/5	3/5
	Height of mast lowered	mm	НЗ	4015	4015	4035	4035	4195	4195	4195	4195	4195	4195	4195	4195	5575	7075
	Lift height	mm	H4	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	7000	10000
	Height of mast extended	mm	H5	6515	6515	6535	6535	6535	6535	6535	6535	6535	6535	6535	6535	9075	12075
	Truck height – EGO / OHG cabin roof	mm	H6	2895	2895	2920	2920	2920	2920	2920	2920	2920	2920	2920	2920	2920	2920
	Seat height	mm	H8	1745	1745	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770	1770
	Height when tilting EGO cab / OHG	mm	T1	3370	3370	3395	3395	3395	3395	3395	3395	3395	3395	3395	3395	3395	3395
	Width when tilting EGO cab / OHG	mm	T2	3350	3350	3380	3380	3380	3380	3380	3380	3380	3380	3380	3380	3380	3380
S	Truck length (to face of forks)	mm	L	4720	4725	4725	4985	5055	5065	5315	5325	5305	5315	5575	5065	5595	5845
	Truck width	mm	B .	2480	2480	2480	2480	2540	2540	2540	2540	2540	2540	2540	2540	2540	2900
SN	Fork dimensions, width	mm	b	200	200	200	200	200	220	220	250	200	220	250	220	6064*	6064*
DIMENSIO	Fork dimensions, thickness	mm	а	65	70	70	80	80	90	90	100	80	90	100	90	2120	2120
_	Fork dimensions, length of fork arm	mm	l h0	1200	1200	1200	1200	1200	2400	2400	2400	1200	1800	2400	1200	- 0450	- 0450
	Fork carriage width	mm	b3	2450	2450	2450	2450	2500	2500	2500	2500	2500	2500	2500	2500	2450	2450
	Width over fork arms, minimum/maximum Sideshift ± @ width over forks	mm	V \/1.\/	2330/570	2330/570	2330/570	2330/570	2360/600	2360/640	2360/640	2360/700	2360/600	2360/640	2360/700	2360/640	140	140
		mm	V1/V	440/1450 250	440/1450 250	440/1450 250	440/1450 250	440/1480	430/1500	430/1500	415/1530	440/1480	430/1500 250	415/1530	430/1500	140 250	140 250
	Ground clearance, laden, below mast Ground clearance, machine	mm		330		350		250 350	250 350	250	250	250 350	350	250	250 350	350	350
	Min. ailse width for 90° stacking with forks	mm	A1	6470	330 6475	6475	350 6665	6735	7945	350 8370	350 8380	7160	8160	350 8770	6745	8900 /	9200 /
	Turning radius	mm	R1	4180	4180	4180	4360	4360	4360	4785	4785	4785	4785	5175	4570	13800** 4785	13900** 4785
	Internal turning radius	mm	R2	75	75	75	125	125	125	420	420	420	420	600	270	420	420
	Operating pressure for hydraulics	MPa		17,0	17,5	18,0	10.0	16,5	12,5	15.0	17,0	17.0	17,5	18,0	19,0	20.0	20.0
SE	Hydraulic oil tank, capacity	ıvıra		220	220	220	19,0 220	220	220	15,0 220	220	17,0 220	220	220	220	20,0	20,0 220
OTHERS		ı		170		170						170				170	
О	Fuel tank, capacity	1			170		170	170	170	170	170		170	170	170		170
	AdBlue tank, capacity	I		15	15	15	15	15	15	15	15	15	15	15	15	15	15

^{*} Width over attachment

^{**} Min. aisle width for 90° stacking 20ft container / 40ft container

Drive train.

			Volvo TAD582 VE ZF 3WG171 (160 kW)
	Manufacturer's type designation		Volvo TAD582VE (Turbo-Intercooler)
	Fuel, type of engine		Diesel, 4-stroke
	Rating ISO 3046 / at revs	kW/hp / rpm	160/218 / 2300
ENGNE	Peak torque ISO 3046 / at revs	Nm / rpm	918 / 1380
EN	Number of cylinders / displacement	cm ³	4 / 5100
	Fuel consumption, normal driving	l/h	7-9
	AdBlue consumption, normal driving	% of diesel	4-6
	Emission standard		Stage V
45	Manufacturer's type designation		ZF 3WG171
& MISC	Clutch, type		Torque converter
≥ ∞	Gearbox, type		Hydrodynamic Powershift
ŏ	Numbers of gears, forward / reverse		3/3
GEARBOX	Alternator, type / power	W	AC / 3080
GE/	Starting battery, voltage / capacity	V / Ah	2×12 / 145
	Driving axle, manufacturer / type		Kessler D81 / Differential and hub reduction

Cummins B6,7 ZF 3WG171 (168 kW)	Cummins B6,7 ZF 3WG161 (129 kW)	Cummins QSB6,7 ZF 3WG161 (129 kW)
Cummins B6.7 (Turbo-Intercooler)	Cummins B6.7 (Turbo-Intercooler)	Cummins QSB6,7 (Turbo-Intercooler)
Diesel, 4-stroke	Diesel, 4-stroke	Diesel, 4-stroke
168 (228) / 2200	129 (176) / 2200	129/176 / 2200
1186 / 1300	1120 / 1100	800 / 1400
6 / 6686	6 / 6686	6 / 6702
7-9	7-9	7-9
4-6%	4-6%	N/A
EU Stage V / USA EPA Tier 4 final	EU Stage V / USA EPA Tier 4 final	Stage IIIA
ZF 3WG171	ZF 3WG161	ZF 3WG161
Torque converter	Torque converter	Torque converter
Hydrodynamic Powershift	Hydrodynamic Powershift	Hydrodynamic Powershift
3/3	3/3	3/3
AC 1960	AC 1960	AC / 1680
2x12 / 145	2x12 / 145	2×12 / 145
Kessler D81 / Differential and hub reduction	Kessler D81 / Differential and hub reduction	Kessler D81 / Differential and hub reduction

Performance.

VOLVO TAD582 VE 160kW StageV

		100-6	120-0	127-0	140-0	150-6	100-12	120-12	150-12	100-0	100-9	100-12	100-0
Lifting speed	Unloaded (m/s)	0,60	0,50	0,50	0,50	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40
	At rated load (m/s) At 70% rated load (m/s)	0,55	0,45	0,45	0,45	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,35
Lowering speed	Unloaded (m/s)	0,35	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30
	At rated load (m/s)	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40
Travelling speed, F/R	Unloaded (km/h)	29	29	30	30	30	30	30	30	30	30	30	30
	At rated load (km/h)	28	28	28	28	27	28	28	27	27	27	27	27
Gradeability, max.	Unloaded (%)	130	120	99	96	77	82	74	62	78	67	61	67
	At rated load (%)	56	50	44	41	37	45	40	33	36	34	32	32
Gradeability, at 2 km/h	Unloaded (%)	86	82	71	69	58	61	56	48	59	52	47	51
	At rated load (%)	44	39	35	33	29	36	32	27	29	27	26	25
Drawbar pull	Max. (kN)	126	126	119	119	119	119	119	119	119	119	119	119
Noise level, inside	LpAZ*, EGO cabin (dB(A))	71	71	71	71	71	71	71	71	71	71	71	71
	LpAZ*, EGO cabin OHG (dB(A))	83	83	83	83	83	83	83	83	83	83	83	83
Noise level, outside	LWA** (dB(A))	109	109	109	109	109	109	109	109	109	109	109	109
CUMMINS B6,7 168k	W StageV, Tier4f	DCG	DCG	DCG	DCG	DCG	DCG	DCG	DCG	DCG	DCG	DCG	DCG
CUMMINS B6,7 168k	W StageV, Tier4f Unloaded (m/s)	DCG 100-6 0,60	DCG 120-6 0,50	DCG 127-6 0,50	DCG 140-6 0,50	DCG 150-6 0,40	DCG 100-12 0,40		DCG 150-12 0,40	DCG 160-6 0,40	DCG 160-9 0,40	DCG 160-12 0,40	DCG 180-6
,	Unloaded (m/s) At rated load (m/s)	100-6	120-6	127-6	140-6	150-6	100-12	120-12	150-12	160-6	160-9	160-12	180-6
	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s)	0,60 0,55	120-6 0,50 0,45	127-6 0,50 0,45	0,50 0,45	150-6 0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35	160-6 0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35
,	Unloaded (m/s) At rated load (m/s)	100-6 0,60	120-6 0,50	127-6 0,50	140-6 0,50	150-6 0,40	100-12 0,40	120-12 0,40	150-12 0,40	160-6 0,40	160-9 0,40	160-12 0,40	180-6 0,40
Lifting speed Lowering speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s)	0,60 0,55 0,35	0,50 0,45 0,30	0,50 0,45 0,30	0,50 0,45 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	180-6 0,40 0,35 0,30
Lifting speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s)	0,60 0,55 0,35 0,40	0,50 0,45 0,30 0,40	0,50 0,45 0,30 0,40	0,50 0,45 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	160-6 0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	180-6 0,40 0,35 0,30 0,40
Lifting speed Lowering speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h)	100-6 0,60 0,55 0,35 0,40 29	120-6 0,50 0,45 0,30 0,40 29	0,50 0,45 0,30 0,40 30	140-6 0,50 0,45 0,30 0,40 30	150-6 0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	160-6 0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	180-6 0,40 0,35 0,30 0,40 30
Lifting speed Lowering speed Travelling speed, F/R	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h)	0,60 0,55 0,35 0,40 29 28	0,50 0,45 0,30 0,40 29 28	127-6 0,50 0,45 0,30 0,40 30 28	0,50 0,45 0,30 0,40 30 28	0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 28	0,40 0,35 0,30 0,40 30 28	150-12 0,40 0,35 0,30 0,40 30 27	160-6 0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 27
Lifting speed Lowering speed Travelling speed, F/R	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%)	100-6 0,60 0,55 0,35 0,40 29 28 206	120-6 0,50 0,45 0,30 0,40 29 28 178	0,50 0,45 0,30 0,40 30 28 139	140-6 0,50 0,45 0,30 0,40 30 28 132	150-6 0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 28 107	120-12 0,40 0,35 0,30 0,40 30 28 94	150-12 0,40 0,35 0,30 0,40 30 27 76	0,40 0,35 0,30 0,40 30 27 101	0,40 0,35 0,30 0,40 30 27 84	0,40 0,35 0,30 0,40 30 27 75	180-6 0,40 0,35 0,30 0,40 30 27 84
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max.	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%)	100-6 0,60 0,55 0,35 0,40 29 28 206 66	120-6 0,50 0,45 0,30 0,40 29 28 178 58	127-6 0,50 0,45 0,30 0,40 30 28 139 52	140-6 0,50 0,45 0,30 0,40 30 28 132 49	150-6 0,40 0,35 0,30 0,40 30 27 99 43	0,40 0,35 0,30 0,40 30 28 107 54	120-12 0,40 0,35 0,30 0,40 30 28 94 47	150-12 0,40 0,35 0,30 0,40 30 27 76 39	160-6 0,40 0,35 0,30 0,40 30 27 101 42	0,40 0,35 0,30 0,40 30 27 84 40	160-12 0,40 0,35 0,30 0,40 30 27 75 38	180-6 0,40 0,35 0,30 0,40 30 27 84 37
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max.	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%)	100-6 0,60 0,55 0,35 0,40 29 28 206 66 104	120-6 0,50 0,45 0,30 0,40 29 28 178 58	127-6 0,50 0,45 0,30 0,40 30 28 139 52 85	140-6 0,50 0,45 0,30 0,40 30 28 132 49	150-6 0,40 0,35 0,30 0,40 30 27 99 43 68	100-12 0,40 0,35 0,30 0,40 30 28 107 54 72	120-12 0,40 0,35 0,30 0,40 30 28 94 47 66	150-12 0,40 0,35 0,30 0,40 30 27 76 39 56	160-6 0,40 0,35 0,30 0,40 30 27 101 42 69	0,40 0,35 0,30 0,40 30 27 84 40	160-12 0,40 0,35 0,30 0,40 30 27 75 38 55	180-6 0,40 0,35 0,30 0,40 30 27 84 37 60
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max. Gradeability, at 2 km/h	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%)	100-6 0,60 0,55 0,35 0,40 29 28 206 66 104 50	120-6 0,50 0,45 0,30 0,40 29 28 178 58 98 44	127-6 0,50 0,45 0,30 0,40 30 28 139 52 85 40	140-6 0,50 0,45 0,30 0,40 30 28 132 49 83 38	150-6 0,40 0,35 0,30 0,40 30 27 99 43 68 34	100-12 0,40 0,35 0,30 0,40 30 28 107 54 72 41	120-12 0,40 0,35 0,30 0,40 30 28 94 47 66 37	150-12 0,40 0,35 0,30 0,40 30 27 76 39 56	160-6 0,40 0,35 0,30 0,40 30 27 101 42 69 33	0,40 0,35 0,30 0,40 30 27 84 40 60 31	160-12 0,40 0,35 0,30 0,40 30 27 75 38 55 29	180-6 0,40 0,35 0,30 0,40 30 27 84 37 60
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max. Gradeability, at 2 km/h Drawbar pull	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%) Max. (kN)	100-6 0,60 0,55 0,35 0,40 29 28 206 66 104 50 143	120-6 0,50 0,45 0,30 0,40 29 28 178 58 98 44 143	127-6 0,50 0,45 0,30 0,40 30 28 139 52 85 40	140-6 0,50 0,45 0,30 0,40 30 28 132 49 83 38 137	150-6 0,40 0,35 0,30 0,40 30 27 99 43 68 34 137	0,40 0,35 0,30 0,40 30 28 107 54 72 41 137	120-12 0,40 0,35 0,30 0,40 30 28 94 47 66 37 137	150-12 0,40 0,35 0,30 0,40 30 27 76 39 56 30 137	160-6 0,40 0,35 0,30 0,40 30 27 101 42 69 33 137	0,40 0,35 0,30 0,40 30 27 84 40 60 31	160-12 0,40 0,35 0,30 0,40 30 27 75 38 55 29 137	180-6 0,40 0,35 0,30 0,40 30 27 84 37 60 29
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max. Gradeability, at 2 km/h Drawbar pull	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%) Max. (kN) LpAZ*, EGO cabin (dB(A))	100-6 0,60 0,55 0,35 0,40 29 28 206 66 104 50 143 71	120-6 0,50 0,45 0,30 0,40 29 28 178 58 98 44 143 71	127-6 0,50 0,45 0,30 0,40 30 28 139 52 85 40 137 71	140-6 0,50 0,45 0,30 0,40 30 28 132 49 83 38 137 71	150-6 0,40 0,35 0,30 0,40 30 27 99 43 68 34 137 71	100-12 0,40 0,35 0,30 0,40 30 28 107 54 72 41 137 71	120-12 0,40 0,35 0,30 0,40 30 28 94 47 66 37 137 71	150-12 0,40 0,35 0,30 0,40 30 27 76 39 56 30 137 71	160-6 0,40 0,35 0,30 0,40 30 27 101 42 69 33 137 71	0,40 0,35 0,30 0,40 30 27 84 40 60 31 137 71	160-12 0,40 0,35 0,30 0,40 30 27 75 38 55 29 137 71	180-6 0,40 0,35 0,30 0,40 30 27 84 37 60 29 137 71

CUMMINS B6,7 129k	W StageV, Tier4f	DCG 100-6	DCG 120-6	DCG 127-6	DCG 140-6	DCG 150-6	DCG 100-12	DCG 120-12	DCG 150-12	DCG 160-6	DCG 160-9	DCG 160-12	DC0 180-
Lifting speed	Unloaded (m/s)	0,60	0,50	0,50	0,50	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40
	At rated load (m/s) At 70% rated load (m/s)	0,55	0,45	0,45	0,45	0,35	0,35	0,35	0,35	0,35	0,35	0,35	0,3
Lowering speed	Unloaded (m/s)	0,35	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,30	0,3
	At rated load (m/s)	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,40	0,4
Travelling speed, F/R	Unloaded (km/h)	29	29	30	30	30	30	30	30	30	30	30	30
	At rated load (km/h)	28	28	28	28	27	28	28	27	27	27	27	2
Gradeability, max.	Unloaded (%)	88	83	74	72	60	63	58	50	61	54	49	50
	At rated load (%)	44	40	36	34	30	37	33	28	30	28	27	26
Gradeability, at 2 km/h	Unloaded (%)	73	70	63	61	52	54	50	43	52	46	43	40
	At rated load (%)	39	35	32	30	27	33	29	24	26	25	24	23
Drawbar pull	Max. (kN)	105	105	101	101	101	101	101	101	101	101	101	10
Noise level, inside	LpAZ*, EGO cabin (dB(A))	71	71	71	71	71	71	71	71	71	71	71	7
	LpAZ*, EGO cabin OHG (dB(A))	83	83	83	83	83	83	83	83	83	83	83	8
Noise level, outside	LWA** (dB(A))	108	108	108	108	108	108	108	108	108	108	108	10
CUMMINS QSB6,7 12	9kW Stage IIIA	DCG 100-6	DCG 120-6	DCG 127-6	DCG 140-6	DCG 150-6	DCG 100-12	DCG 120-12	DCG 150-12	DCG 160-6	DCG 160-9	DCG 160-12	DC 180
CUMMINS QSB6,7 12	29kW Stage IIIA Unloaded (m/s)												
	_	100-6	120-6	127-6	140-6	150-6	100-12	120-12	150-12	160-6	160-9	160-12	0,4
	Unloaded (m/s) At rated load (m/s)	100-6 0,60	120-6 0,50	127-6 0,50	140-6 0,50	150-6 0,40	100-12 0,40	120-12 0,40	150-12 0,40	160-6 0,40	160-9 0,40	160-12 0,40	0,4
Lifting speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s)	0,60 0,55	0,50 0,45	0,50 0,45	0,50 0,45	0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35	0,40 0,35	0,0
Lifting speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s)	0,60 0,55 0,35	0,50 0,45 0,30	0,50 0,45 0,30	0,50 0,45 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,40 0,35 0,30	0,0
Lifting speed Lowering speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s)	0,60 0,55 0,35 0,40	0,50 0,45 0,30 0,40	0,50 0,45 0,30 0,40	0,50 0,45 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	0,40 0,35 0,30 0,40	180
Lifting speed Lowering speed	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h)	100-6 0,60 0,55 0,35 0,40 29	120-6 0,50 0,45 0,30 0,40 29	0,50 0,45 0,30 0,40 30	0,50 0,45 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,40 0,35 0,30 0,40 30	0,0 0,0 0,0 0,2
Lifting speed Lowering speed Travelling speed, F/R	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h)	0,60 0,55 0,35 0,40 29 28	120-6 0,50 0,45 0,30 0,40 29 28	0,50 0,45 0,30 0,40 30 28	140-6 0,50 0,45 0,30 0,40 30 28	150-6 0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 28	0,40 0,35 0,30 0,40 30 28	0,40 0,35 0,30 0,40 30 27	160-6 0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 27	0,40 0,35 0,30 0,40 30 27	0,4 0,6 0,6 0,4 3 2
Lifting speed Lowering speed Travelling speed, F/R	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%)	100-6 0,60 0,55 0,35 0,40 29 28 94	0,50 0,45 0,30 0,40 29 28 89	0,50 0,45 0,30 0,40 30 28 78	140-6 0,50 0,45 0,30 0,40 30 28 76	0,40 0,35 0,30 0,40 30 27 63	0,40 0,35 0,30 0,40 30 28 66	120-12 0,40 0,35 0,30 0,40 30 28 61	0,40 0,35 0,30 0,40 30 27 52	0,40 0,35 0,30 0,40 30 27 64	0,40 0,35 0,30 0,40 30 27 56	0,40 0,35 0,30 0,40 30 27 51	180 0,4 0,6 0,6 0,4 30 2 55 2
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max.	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%)	100-6 0,60 0,55 0,35 0,40 29 28 94 46	120-6 0,50 0,45 0,30 0,40 29 28 89 41	127-6 0,50 0,45 0,30 0,40 30 28 78 37	140-6 0,50 0,45 0,30 0,40 30 28 76 35	150-6 0,40 0,35 0,30 0,40 30 27 63 31	100-12 0,40 0,35 0,30 0,40 30 28 66 39	120-12 0,40 0,35 0,30 0,40 30 28 61 34	150-12 0,40 0,35 0,30 0,40 30 27 52 29	160-6 0,40 0,35 0,30 0,40 30 27 64 31	0,40 0,35 0,30 0,40 30 27 56 29	160-12 0,40 0,35 0,30 0,40 30 27 51 28	0,0 0,0 0,0 0,4 30 2
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max.	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%)	100-6 0,60 0,55 0,35 0,40 29 28 94 46 68	120-6 0,50 0,45 0,30 0,40 29 28 89 41 65	127-6 0,50 0,45 0,30 0,40 30 28 78 37	140-6 0,50 0,45 0,30 0,40 30 28 76 35 57	150-6 0,40 0,35 0,30 0,40 30 27 63 31 49	100-12 0,40 0,35 0,30 0,40 30 28 66 39 51	120-12 0,40 0,35 0,30 0,40 30 28 61 34 47	150-12 0,40 0,35 0,30 0,40 30 27 52 29 41	160-6 0,40 0,35 0,30 0,40 30 27 64 31	160-9 0,40 0,35 0,30 0,40 30 27 56 29 44	160-12 0,40 0,35 0,30 0,40 30 27 51 28 41	180 0,4 0,5 0,5 0,6 3 2 5 2 4 2
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max. Gradeability, at 2 km/h	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%)	100-6 0,60 0,55 0,35 0,40 29 28 94 46 68 37	120-6 0,50 0,45 0,30 0,40 29 28 89 41 65 33	127-6 0,50 0,45 0,30 0,40 30 28 78 37 59	140-6 0,50 0,45 0,30 0,40 30 28 76 35 57	150-6 0,40 0,35 0,30 0,40 30 27 63 31 49 26	100-12 0,40 0,35 0,30 0,40 30 28 66 39 51	120-12 0,40 0,35 0,30 0,40 30 28 61 34 47 28	150-12 0,40 0,35 0,30 0,40 30 27 52 29 41 23	160-6 0,40 0,35 0,30 0,40 30 27 64 31 50 25	160-9 0,40 0,35 0,30 0,40 30 27 56 29 44 23	160-12 0,40 0,35 0,30 0,40 30 27 51 28 41	180 0,4,4 0,0,0 0,0 0,2 30 2 55 2 4
Lifting speed Lowering speed Travelling speed, F/R Gradeability, max. Gradeability, at 2 km/h Drawbar pull	Unloaded (m/s) At rated load (m/s) At 70% rated load (m/s) Unloaded (m/s) At rated load (m/s) Unloaded (km/h) At rated load (km/h) Unloaded (%) At rated load (%) Unloaded (%) At rated load (%) Max. (kN)	100-6 0,60 0,55 0,35 0,40 29 28 94 46 68 37 109	120-6 0,50 0,45 0,30 0,40 29 28 89 41 65 33 109	127-6 0,50 0,45 0,30 0,40 30 28 78 37 59 30 104	140-6 0,50 0,45 0,30 0,40 30 28 76 35 57 28 104	150-6 0,40 0,35 0,30 0,40 30 27 63 31 49 26 104	100-12 0,40 0,35 0,30 0,40 30 28 66 39 51 31	120-12 0,40 0,35 0,30 0,40 30 28 61 34 47 28 104	150-12 0,40 0,35 0,30 0,40 30 27 52 29 41 23 104	160-6 0,40 0,35 0,30 0,40 30 27 64 31 50 25 104	160-9 0,40 0,35 0,30 0,40 30 27 56 29 44 23 104	160-12 0,40 0,35 0,30 0,40 30 27 51 28 41 23 104	180 0,4 0,0 0,0 0,4 30 2 5 2 4 2 10



Lifting equipment.

Here is how the DCG100-180 helps drivers optimise lifting efficiency and save fuel – at the same time. To begin with, its new electric and hydraulic systems mean quicker response, high lifting speed and increased control. Meanwhile, new load sensing hydraulic pumps improve fuel efficiency. Operating together, this combination improves productivity and saves fuel - every lift.

As lifting equipment plays a vital role in the performance of any forklift, it is important yours match your individual requirements and applications. For instance, careful consideration should be made to factors such as lift height, clearance, free lift, carriage flexibility, etc. in order to optimise operations.

Kalmar offer you a complete range of standard and custom lifting equipment - carriage, fork shaft, forks, levelling, etc - and options to suit your specific lifting and cargo handling requirements.

	Lift height H4	Mast H3 min	height H5 max	Free lift H2	Mast l H3 min	height H5 max	Fre lift H2
		DC	G100-1	40*	DC	G100-18	30**
	3000	3015	4515	-	3195	4695	-
<u>≡</u>	3250	3140	4765	-	3320	4945	-
Ä	3500	3265	5015	-	3445	5195	-
Ę	3750	3390	5265	-	3570	5445	-
O O	4000	3515	5515	-	3695	5695	-
AB	4500	3765	6015	-	3945	6195	-
AN	5000	4015	6515	-	4195	6695	-
ST	5500	4265	7015	-	4445	7195	-
DUPLEX STANDARD, CLEAR VIEW	6000	4515	7515	-	4695	7695	-
Ä	6500	4765	8015	-	4945	8195	-
	7000	5015	8515	-	5195	8695	-
				_			_
	Lift height		height	Free lift		height	Fre lift
	H4	H3 min	H5 max	H2	H3 min	H5 max	H2
		DC	G100-1	40*	DC	G100-18	30**
*	3000	3015	4515	1500	3195	4695	150
~ ~	3250	3140	4765	1625	3320	4945	162
Ä	3500	3265	5015	1750	3445	5195	175
걸	3750	3390	5265	1875	3570	5445	187
드	4000	3515	5515	2000	3695	5695	200
Ä	4500	3765	6015	2250	3945	6195	225
世	5000	4015	6515	2500	4195	6695	250
豆	5500	4265	7015	2750	4445	7195	275
Ä	6000	4515	7515	3000	4695	7695	300
DUPLEX FULL FREE LIFT, CLEAR VIEW	6500	4765	8015	3250	4945	8195	325
	7000	5015	8515	3500	5195	8695	350
	Lift	Mact	height	Free	Mact	height	Fre
	height	H3	H5	lift	H3	H5	lift
	H4	min	max	H2	min	max	H2
			G100-1	40*		G100-18	30**
*	4500	2995	5995	1500	3130	6190	150
بَر	5000	3165	6470	1667	3297	6690	166
E E	5500	3330	6970	1833	3463	7190	183
Ë	6000	3495	7470	2000	3630	7690	200
TRIPLEX FFL, CW	6500	3665	7970	2167	3797	8190	216
	7000	3830	8470	2333	3963	8690	233
	. 05 mm		nd UE on t	ho DCC1	10		

⁺²⁵ mm on H3 and H5 on the DCG140



Duplex standard,



Duplex full free lift, free visibility



Triplex full free lift, free visibility



Fixed for manually moveable forks



Centre levelling



Fork positioning and sideshift





adjustment



with separate carriers



Roller fittings for hydraulic adjustment



Hydraulic levelling

^{*} DCG100-140-6 **DCG150-180-6, DCG160-9, DCG100-160-12

Standard equipment.

Chassis/Body

- Towing pin
- Steps with anti slip protection
- Strong and protective mudguards

Cabin

- EGO Cabin
- Clear and tempered panes of safety glass, thickness 6 mm
- Std seat incl. 2-point belt with (orange).
- · Clear windows incl. sliding windows in left and right door.
- Complete doors with locks left and right side.
- Complete manouevre system right hand console incl. light controls, toggle wheel for display, levers for load handling system (electric adjustable, 2-way's.)
- Multi function lever left side incl. horn, turn signal.
- Brake system with pedal left and right
- Internal comfort incl. mirror, handles, interior lighting etc.
- Wiper and washers front/rear and roof
- Hydraulic steering system incl. electrically adjustable steering wheel in height-, manually adjustable laterally and longitudinally with steering wheel knob.
- External reverse lights.
- Cab tilting
- Instep handle, left side
- Automatic heat and ventilation (ECH) with fresh air inlet filter.
- Speed control pedal right side.
- Kalmar std Key system.
- Cup holder
- Coat hook

- · Colour display:
- Fuel level, indicator.
- Engine, transmission temperature.
- Oil pressure engine. Battery voltage.
- Clock and date.
- Hour meter.
- Service time indicator.
- Speed.
- Engine speed (RPM).
- Various information via pop-up.
- Adblue indicator

Steering system

• Steering axle Kalmar, including double acting steering cylinder.

Mast & Carriage

· Lifting eyes in mast

- Driveaxle DCG100-180; Kessler with wet disc brakes
- Temperature controlled cooling fan
- Automatic gearshift with declutch at brake. (Manual gearshift possible in control panel)

Hydraulics

- Electrical servo
- 2 load handling functions, lift and tilt
- Level sight glass on hydraulic oil tank
- Load sensing pumps
- High pressure filter
- Automatic raised engine rpm when load handling function is used
- Tilt angels std 5F/10B
- Leakage-free ORFS couplings

Electric system

- Electrical system 24 V,
- Rear lights and brake lights, LED.
- Working lights on front mudguard,
- Working light mast, 2 pcs, LED
- Indicator lamps incl. hazard lights,
- Flashing brake lights when reversing
- Main power switch

Fleet Management

 Equipped with telemetric hardware for Kalmar Insight.

DCG90-120 11.00x20 DCG100-180 12,00x20 DCG180-6 12.00x20 (high cap. tyres)

Color

- Cab: frame RAL 7011/70",
- covers "RAL 7021/10" • Chassis: Kalmar Red 2012 (Base ref.RAL 3000/75)
- Lifting equipment: Kalmar Black (Base ref.RAL 7021/30)

Documentation & decals

- Operators manual
- Maintenance manual
- Parts catalouge
- Load diagram in cab
- Warning decals
- Information decals
- Diagram, fuses
- Noise plate (legal requirement in EU/EEC)

Notes



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