PRELIMINARY
SPECIFICATIONS

VELiA EM

OPBL10P Series

SECOND LEVEL ORDER PICKERS

1.0 tonnes

THE QUICK AND EASY NEXT-LEVEL ORDER PICKER

In order picking, where the pressure is on, trucks are put to the test. And only the strongest survive. Our VELiA EM range of second-level order pickers is truly exceptional. Developed for efficient and safe picking, this 1000 kg workhorse does more than protect your operators... it works harmoniously with them, too.



SPECIFICATIONS

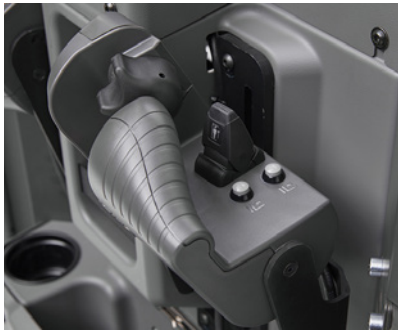
OPBL10P

WHEN RELIABILITY IS EVERYTHING...

Logisnext Forklifts

VELiA EM
OPBL10P SERIES
SECOND LEVEL ORDER PICKERS
1.0 tonnes





Take its ultra-low step height. At just 160mm, it's up to 45% lower than some competitors. But, more than that, it significantly reduces your operator's efforts, as well as the risk of slips, trips and falls.

And then there's VELiA EM's wide entry. At 603 mm wide, it can accommodate drivers of all sizes in comfort.

FRAME AND BODY

- **MaxVision**
  Mast and overhead guard maximises operator field of vision for increased productivity and safety. (Option)
- **Robust construction**
  ensures smooth, stable ride and excellent picking performance.
- **Wraparound steel bumper**
  increases durability and operator protection.

DRIVE

- **Powerful AC motor**
  means high drive speed and acceleration – even when loaded – plus smooth, quiet, controlled operation, extended shift length and lower maintenance requirements.
- **ECO mode**
  reduces energy consumption – without compromising on performance.
- **High-speed option**
  increases speed from 9 to 12 km/hr.

ELECTRICAL AND CONTROL SYSTEMS

- **Performance setting**
  Operator can quickly change performance mode within their allowed performance range to match various handling situations.

OPERATOR COMPARTMENT AND CONTROLS

- **Class-leading step height (just 160mm)**
  offers easy on/off access to keep operators alert and productive throughout shifts.
- **Easy-access operator's compartment**
  is spacious and features widest entry in its class for faster mounting and dismounting.
- **EasyLift design**
  (standard with 1800mm model) allows operators to raise/lower the pallet to comfortable heights during picking and retrieving, reducing the risk of back strain.
- **High-visibility cabin**
  maximises forward views for reduced damage risk, while increasing operator comfort and efficiency.
- **Operator Presence Sensor**
  covers a wide area – allowing for free operator movement, while eliminating a common trip hazard.
- **Super-grip floor**
  is non-slip ensuring operators are safe, for confident operations.
- **PIN-code access**
  for up to 100 users is possible – preventing unauthorised use.
- **Battery discharge indicator**
  keeps operators aware of battery discharge levels – ensuring high-efficiency operations and long battery life.
- **MaxPro side-access gates with automatic sensors**
  prevent unsafe use of truck with gates open at heights above 1200 mm.
- **Easy-access storage compartments**
  ensure pickers have everything they need to work productively within easy reach.
- **Ergonomic steering wheel**
  offers smooth controlled movement to keep operators alert and operations precise.

OTHER FEATURES

- **Rapid battery access**
  reduces time needed for daily checks and maintenance – for maximum uptime.
- **Robust battery rollers**
  speed up changeovers – ensuring pickers can focus on their job.





For more information on VELiA EM please visit our website

lnf2.eu/veliaem

VELÍA EM

OPTIONAL LI-ION BATTERY SYSTEMS

MAKE YOUR FORKLIFT GO EVEN FURTHER





Lead-acid batteries have been the standard choice for electric lift trucks for decades, and for good reason — they work. But long charging times, demanding maintenance, the need for spare batteries, and the risk of operator misuse can turn day-to-day running into a drag on productivity.

Logisnext Li-ion changes that equation. We don't build one Li-ion battery and apply it to all situations. Whatever your operation looks like, from continuous multi-shift running to lighter, more occasional duty, there's a Logisnext Li-ion battery specified to match it, with a low-maintenance design that all but eliminates the cell damage caused by operator error.

Where a Li-ion option existed before, it typically came from a third-party battery supplier — with its own warranty, its own diagnostics, and its own service relationship running alongside the truck's. Logisnext Li-ion is different: a proprietary Li-ion power unit engineered specifically for Logisnext Forklifts, where the truck, the battery, the onboard battery management system and the charger are run on one diagnostic software, supported by one service technician, and covered by Logisnext warranties.

- **One warranty provider, one service tech**
  Truck, battery, onboard battery management system, and charger are covered by a Logisnext warranties and diagnosed through one system — not separate suppliers with separate contracts to chase when something needs attention.
- **Gas-emission free and space-efficient operation**
  No off-gassing means no dedicated ventilation or charging room, freeing up floor space you'd otherwise lose to lead-acid infrastructure.
- **Exceptional battery and charger efficiency**
  State-of-the-art cell and charger technology delivers up to 30% more power efficiency than lead-acid batteries.
- **Maintenance-free design**
  No daily checks, no water refills. Fewer manual touchpoints means less risk of operators damaging cells and shortening battery life.
- **No spare batteries or charging room needed**
  Free up space and cut costs on multi-shift operations, without the extra batteries lead-acid fleets depend on.
- **Quick charge capability**
  A 15-minute top-up during breaks or downtime keeps a truck running for longer, improving productivity.
- **Higher sustained voltage**
  Consistent lifting and driving performance from the first hour of a shift to the last, with none of the power drop-of lead-acid.
- **Multiple safety features**
  Circuit protection, deep-discharge and overcharge protection, and individual cell temperature and voltage monitoring, all built in as standard.
- **Wide choice of battery and charger capacities.**
  Power supply matched to the exact demands of your application, whatever the truck or the shift pattern.



Fully integrated with Logisnext Forklifts

CANbus communication and automatic ON/OFF synchronisation link battery and truck as one system. Battery level, notifications, and alarms all appear directly on the truck display, giving operators a clear, single point of reference.

Clean by design

With no emissions and no acid to manage, Logisnext Li-ion batteries suit sensitive environments: food production, packaging, and other spaces where cleanliness isn't optional.

For more information on Li-ion please visit our website

lnf2.eu/lion

Li-ion battery option is available in selected regions.

Continuing improvement may lead to changes in these specifications

VDI - PERFORMANCE & DIMENSIONS

	CHARACTERISTICS			Logisnext Forklifts	
				OPBL10P 1200mm Platform Lift	OPBL10P 1800mm Platform Lift
1.1	Manufacturer			Battery	Battery
1.2	Manufacturer's model designation			Stand-on	Stand-on
1.3	Power source: (battery, diesel, LP gas, petrol)				
1.4	Operator type: pedestrian, (operator)-standing, -seated				
1.5	Load capacity	Q	kg	1000[1)]	1000[1)]
1.6	Load center distance	c	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	100	120
1.9	Wheelbase	y	mm	1371	1371
	WEIGHT				
2.1b	Truck weight without load, with maximum battery weight		kg	1500	1650
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	470 / 2030	480 / 2170
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	990 / 510	990 / 660
	WHEELS, DRIVE TRAIN				
3.1	Tyres: PT=Power Thane, Vul=Vulkollan, drive/load side			Vul / Vul	Vul / Vul
3.2	Tyre dimensions, drive side		mm	250 × 105	250 × 105
3.3	Tyre dimensions, load side		mm	120 × 115	120 × 115
3.5	Number of wheels, load/drive side (x=driven)			2 / 1x	2 / 1x
3.7	Track width (center of tyres), load side	b11	mm	674	674
	DIMENSIONS				
4.2a	Height with mast lowered	h1	mm	1710	2276
4.4	Lift height (without h9)	h3	mm	1040	1640
4.5	Height with mast extended	h4	mm	2670	3790
4.7	Height to top of overhead guard	h6	mm	2300	2300
4.8	Seat- or stand height	h7	mm	160-1200	160-1800
4.10	Height of support legs	h8	mm	115	115
4.11	Supplementary lift	h9	mm	723	723
4.14	Platform height, raised	h12	mm	1200	1800
4.15	Fork height, fully lowered	h13	mm	90	90
4.19	Overall length	l1	mm	2805	2825
4.20	Length to fork face	l2	mm	1655	1675
4.21	Overall width	b1	mm	810	810
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	70 / 147 / 1150	70 / 147 / 1150
4.24	Fork carriage width	b3	mm	560	560
4.25	Outside width over forks (minimum/maximum)	b5	mm	450-700	450-700
4.32	Ground clearance at center of wheelbase, (forks lowered)	b4	mm	35	35
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	Platform/load width + 90 mm clearance each side	
4.33b	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	3131	3150
4.35	Turning radius	Wa	mm	1570	1570
4.41	Transfer aisle width (pallet 1000 × 1200 mm lengthwise & 200 mm clearance)	Au	mm	Platform/load width + 90 mm clearance each side	
	PERFORMANCE				
5.1	Travel speed, with/without load		km/h	9 / 9	9 / 9
5.2	Lifting speed, with/without load		m/s	0.12 / 0.20	0.11 / 0.19
5.3	Lowering speed, with/without load		m/s	0.25 / 0.23	0.24 / 0.22
5.8	Maximum gradeability, with/without load		%	10.2	10.2
5.9	Acceleration time (10 metres) with/without load		s	5.6 / 4.9	5.5 / 4.8
5.10	Service brake			Regenerative / electrical	Regenerative / electrical
	ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	2.7	2.7
6.2	Lift motor output at 15% duty factor		kW	2.2 (5%)	2.2 (5%)
6.3	Battery to DIN 43 531/35/36 A/B/C/no			BS	BS
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 600	24 / 600
6.5	Battery weight		kg	450 - 500	450 - 500
	MISCELLANEOUS				
8.1	Type of drive control			AC Traction	AC Traction
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB (A)	57	57
10.7.2	Whole-body vibration (EN 13 059:2002)			0.03	0.03
10.7.3	Hand-arm vibration (EN 13 059:2002)			0.73	0.73

1) If adjustable forks, then load capacity is max 900 kg on LC 600 mm

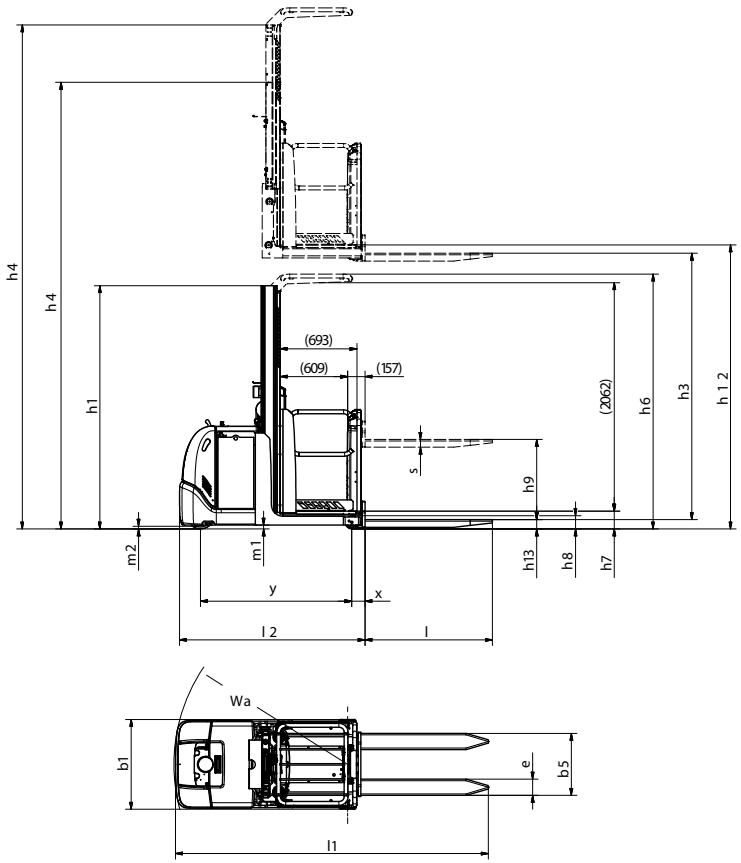
VELIA EM

OPBL10P SERIES

SECOND LEVEL ORDER PICKERS

1.0 tonnes





Ast = Wa + R + a
Ast = Working aisle width
Wa = Turning radius
a = Safety clearance = 2 × 100 mm
R = √(l6 + x)2 + (b12 / 2)2
l6 = Pallet length (800 or 1000 mm)
x = Load wheel axle to fork face
b12 = Pallet width (1200 mm)
b1/b2 = Overall width

MAST PERFORMANCE AND CAPACITY

VELÍA EM

OPBL10P SERIES

OPBL10P 1200 MM PLATFORM LIFT						NO EASYLIFT	WITH EASYLIFT (Stroke EasyLift 720 mm)	
MAST TYPE	h12 mm	h1 mm	h4 mm	h mm	c mm	FIXED FORKS	FIXED FORKS	ADJUSTABLE FORKS
	Platform floor height	Closed mast height	Height with mast extended	Fork height	Load centre distance	Max capacity	Max capacity	Max capacity
SIMPLEX	1200	1710 (pillars)	2670	h12 - 70 = 1130 No EasyLift	400-600	1000	-	-
				h12 - 70 + 720 = 1850 With EasyLift	400-600	-	1000	n/a
					400-500	-	1000	1000
					600	-	1000	900

Load deration based on load evenly spread along the forks

OPBL10P 1800 MM PLATFORM LIFT						WITH EASYLIFT (Stroke EasyLift 720 mm)	
						FIXED FORKS	ADJUSTABLE FORKS
MAST TYPE	h12 mm	h1 mm	h4 mm	h mm	c mm	Q kg	Q kg
	Platform floor height	Closed mast height	Height with mast extended	Fork height	Load centre distance	Max capacity	Max capacity
SIMPLEX	1800	2276	3790 (pillars)	h12 - 70 + 720 = 2450	400-600	1000	n/a
					400-500	1000	1000
					600	1000	900

Load deration based on load evenly spread along the forks

h12 Lift height
h1 Closed mast height
h4 Height with mast extended
h Fork height EasyLift raised
c Load centre (distance)
Q Lifting capacity, rated load



Models shown: OPBL10P 1200mm platform lift, OPBL10P 1200mm platform lift with optional EasyLift, OPBL10P 1800mm platform lift

Continuing improvement may lead to changes in these specifications

STANDARD EQUIPMENT & OPTIONS

VELÍA EM

OPBL10P SERIES

SECOND LEVEL ORDER PICKERS

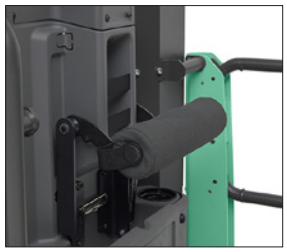
1.0 tonnes

● = Standard
■ = Option

	OPBL10P PLATFORM LIFT 1200MM	OPBL10P PLATFORM LIFT 1800MM
GENERAL		
Multifunctional colour display	●	●
PIN code log in, 99 codes	●	●
Key switch entry	■	■
Drive and lift controls on mast side	●	●
Operators presence sensor in floor	●	●
Cornering control	●	●
MaxPro gates	■	●
Warning light	●	●
Battery on steel rollers	●	●
ENVIRONMENT		
Chill store design, with rust protected axles	●	●
Cold store design, 0C° to -30C°	■	■
DRIVE, LIFT CONTROLS		
Easylift	■	●
Extra buttons for Easylift (mast side)	■	■
Walk beside, drive buttons + EasyLift buttons	■	■
SAFETY		
MaxVision overhead guard	■	■
Gate interlock, <1200 mm platform height	■	■
Gate open audiable warning, >415 mm platform lift	■	■
OTHER		
Increased drive speed, 12 km/h	■	■
Mini steering wheel	■	■
Key switch entry	■	■
Light in cabin, for racks	■	■
Light in cabin, for interior	■	■
Radio with MP3	■	■
Converter 24-12 V, 8 A, 96 W outlet	■	■
12 V / 8 A DC power socket	■	■
Equipment holder, RAM system, Size C	■	■
Foldable driver's cushion	■	■
Comfort fan for driver	■	■
Extra storage in platform	■	■



EasyLift control



Optional driver's cushion



Walk-beside control



Robust battery rollers

Continuing improvement may lead to changes in these specifications

WHEN RELIABILITY IS EVERYTHING...

Like any product bearing the Logisnext Forklifts name, our materials handling equipment is backed by the engineering expertise, global resources, and continuous innovation of Logisnext — a leading group dedicated to materials handling and intralogistics.

Logisnext brings together advanced truck design, energy solutions, and connected technologies to help businesses move goods more safely, efficiently and reliably... day after day, year after year.

So when we promise you quality, reliability and value for money, you know it's a guarantee we can deliver.

That's why every model in our award winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification — to ensure it keeps working for you. Whatever the job. Whatever the conditions.

You'll never work alone

As your local authorised distributor, we are here to keep your trucks working, through our extensive experience, our technical excellence, and our commitment to customer care.

We are your local experts, backed by the wider Logisnext Forklifts organisation and the connected support of the Logisnext group.

No matter where you are, help is close by.



VELiA
THE FRONT RUNNER



With a name that reflects the speed of its work, VELiA is always ahead of the pack — thanks to award-winning productivity and ergonomics.

Swift, versatile and manoeuvrable, there is a VELiA order picker to meet every need.

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Specifications are indicative and may vary depending on operating conditions. Failure to assess all factors may result in performance deviations.

All relevant sales support materials and technical expertise of the official distributor must be considered when identifying the best product/solution. Options and technical details may change without notice. Full legal notice and up-to-date product information: logisnext-forklifts.eu

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