PRELIMINARY
SPECIFICATIONS

VELiA EX

OPBM10P & OPBH12PH Series

MID AND HIGH LEVEL ORDER PICKERS

1.0 - 1.2 tonnes

SCALE THE HEIGHTS OF PRODUCTIVITY

At Logisnext Forklifts, our designers love a challenge.
And, as any warehouse manager knows, there's no greater challenge than order picking. Every second counts in this labour-intensive task. The result? VELiA EX. This high-efficiency range of mid and high-level order pickers has been engineered to scale the heights of productivity.



SPECIFICATIONS

OPBM10P
OPBH12PH

WHEN RELIABILITY IS EVERYTHING...

Logisnext Forklifts

VELiA EX
OPBM10P & OPBH12PH SERIES
MID AND HIGH LEVEL ORDER PICKERS
1.0 - 1.2 tonnes





Exceptionally high visibility? Yes, thanks to our MaxVision mast and clearview overhead guard. Ultimate reliability? Yes. With our VELiA EX mid and high-level order pickers - including a high-performance 48v-model with unbeatable 1250 kg capacity, you can expect practically perfect picking.

Outstanding comfort features? Of course. Like every one of our order pickers, it's got those crucial differences which never fail to impress operators (or their employers).

FRAME AND BODY

- **Chillproof design with rust-proof axles**
  ensures reliable performance at temperatures as low as 0˚C.
- **MaxVision mast and overhead guard**
  maximises operator field of vision for increased productivity and safety.
- **Robust construction**
  ensures smooth, stable ride and excellent picking performance.
- **Low maintenance design**
  gives quick and easy access to key components and motors – for minimum downtime.

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.
- **Smart curve control**
  automatically reduces speed when cornering for enhanced stability.

ELECTRICAL AND CONTROL SYSTEMS

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

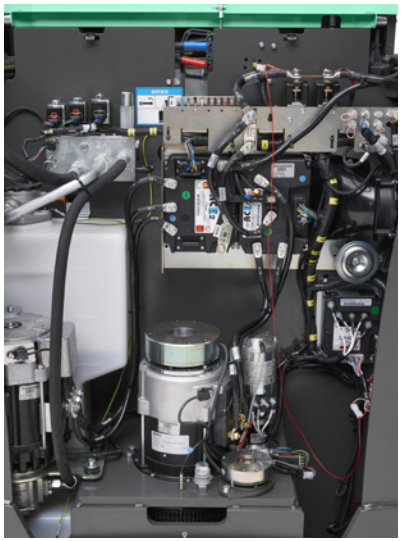
OPERATOR COMPARTMENT AND CONTROLS

- **Ultra-low step height (just 215mm)**
  offers easy on/off access to keep operators alert and productive throughout shifts.
- **Easy-access operator's compartment**
  is spacious and features an extra-wide entry for faster mounting and dismounting.
- **High-visibility cabin**
  features see-through panels for maximum forward views – reducing damage risk, while increasing operator comfort and efficiency.
- **Operator Presence Sensor**
  covers a wide area and eliminates need for dead man's switch (and associated risks).
- **Super-grip floor**
  is non-slip ensuring operators are safe, for confident operations.
- **PIN-code access**
  for up to 99 users is possible – preventing unauthorised use.
- **Easy-grip handles**
  ensure safe and easy entry and exit from spacious platform.
- **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 1200mm.
- **Easy-access storage compartments**
  ensure pickers have everything they need to work productively within easy reach.
- **Fully adjustable ergonomic seat**
  provides a comfortable seat or cushion to lean on during long journeys – minimising risk of fatigue.

OTHER FEATURES

- **Rapid battery access**
  reduces time needed for daily checks for maximum uptime.
- **Warning lights**
  fitted on straddle legs and chassis alert vehicle and on-foot traffic – for enhanced safety.
- **Hydraulic and drive interlock**
  prevents truck use while operator isn't present.





For more information on VELiA EX please visit our website

lnf2.eu/veliaex

Continuing improvement may lead to changes in these specifications

VDI - PERFORMANCE & DIMENSIONS

	CHARACTERISTICS			Logisnext Forklifts	
1.1	Manufacturer				
1.2	Manufacturer's model designation			OPBM10P DUPLEX	OPBM10P TRIPLEX FREE LIFT
1.3	Power source: (battery, diesel, LP gas, petrol)			Battery	Battery
1.4	Operator type: pedestrian, (operator)-standing, -seated			Stand-on	Stand-on
1.5	Load capacity	Q	kg	1000	1000
1.6	Load center distance	c	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	125	204
1.9	Wheelbase	y	mm	1568	1568
	WEIGHT				
2.1b	Truck weight without load, with maximum battery weight		kg	2050 + (96 x h12) [3]	2260 + (91.5 x h12) [3]
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	1110 / 2800	1210 / 2910
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	1660 / 1250	1790 / 1330
	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	150 × 55	150 × 55
3.5	Number of wheels, load/drive side (x=driven)			8 / 1x	8 / 1x
3.7	Track width (center of tyres), load side	b11	mm	806 / 906 / 1006	906 / 1006
	DIMENSIONS				
4.2a	Height with mast lowered	h1	mm	h12 /2 + 592	h12 /3 + 637
4.4	Lift height (without h9)	h3	mm	3285 - 7185	4885 - 8035
4.5	Height with mast extended	h4	mm	h12 + 2140	h12 + 2160
4.7	Height to top of overhead guard	h6	mm	2356	2356
4.8	Seat- or stand height	h7	mm	215 - h12	215 - h12
4.10	Height of support legs	h8	mm	175	175
4.11	Supplementary lift	h9	mm	775	775
4.14	Platform height, raised	h12	mm	3600-7400	5200-8250
4.15	Fork height, fully lowered	h13	mm	90	90
4.19	Overall length	l1	mm	3055	3135
4.20	Length to fork face	l2	mm	1903	1982
4.21	Overall width	b1	mm	970 / 1070 / 1170	1070 / 1170
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 - 800	450 - 800
4.27	Width over guide rollers (minimum-maximum)	b6	mm	1148 - 1814	1248 -1814
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	25	25
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	Platform or load width + clearance	
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	Platform or load width + clearance	
4.35	Turning radius	Wa	mm	1790	1790
4.41	Transfer aisle width (pallet 1000 × 1200 mm lengthwise & 200 mm clearance)	Au	mm	3265	3336
	PERFORMANCE				
5.1	Travel speed, with/without load		km/h	11 / 11	11 / 11
5.2	Lifting speed, with/without load		m/s	0.21 / 0.32	0.26 / 0.37
5.3	Lowering speed, with/without load		m/s	0.4 / 0.4	0.41 / 0.42
5.8	Maximum gradeability, with/without load		%	7.1	7.1
5.9	Acceleration time (10 metres) with/without load		s	6.3 / 5.8	6.3 / 5.8
5.10	Service brake			Electric	Electric
	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	8 (20%)	8 (20%)
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 / 560 - 775	24 / 560 - 775
6.5	Battery weight		kg	500 - 700	500 - 700
	MISCELLANEOUS				
8.1	Type of drive control			Stepless	Stepless
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)	66	66

3) Use h12 dimension in metres for calculation. This is the extra weight in the mast per metre of lift height.

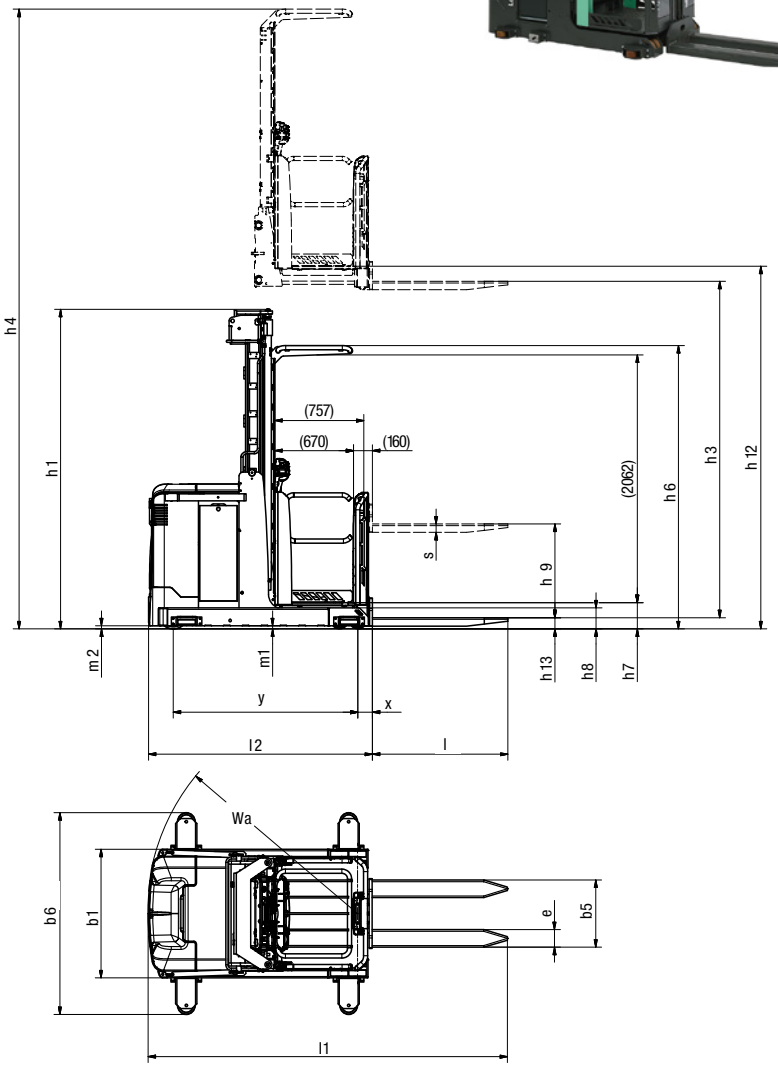
VELÍA EX

OPBM10P SERIES

MID LEVEL ORDER PICKERS

1.0 tonne





VDI - PERFORMANCE & DIMENSIONS

	CHARACTERISTICS			
1.1	Manufacturer			Logisnext Forklifts
1.2	Manufacturer's model designation			OPBH12PH
1.3	Power source: (battery, diesel, LP gas, petrol)			Battery
1.4	Operator type: pedestrian, (operator)-standing, -seated			Stand-on
1.5	Load capacity	Q	kg	1250
1.6	Load center distance	c	mm	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	126
1.9	Wheelbase	y	mm	1760
	WEIGHT			
2.1b	Truck weight without load, with maximum battery weight		kg	2955 + (97 x h12) [3]
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	1780 / 3510
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	2390 / 1650
	WHEELS, DRIVE TRAIN			
3.1	Tyres: PT=Power Thane, Vul=Vulkollan, drive/load side			Vul / Vul
3.2	Tyre dimensions, drive side		mm	355 × 155
3.3	Tyre dimensions, load side		mm	150 × 55
3.5	Number of wheels, load/drive side (x=driven)			8 / 1x
3.7	Track width (center of tyres), load side	b11	mm	1006 / 1186
	DIMENSIONS			
4.2a	Height with mast lowered	h1	mm	h12 /3 + 770
4.4	Lift height (without h9)	h3	mm	5785 - 10285
4.5	Height with mast extended	h4	mm	h12 + 2160
4.7	Height to top of overhead guard	h6	mm	2356
4.8	Seat- or stand height	h7	mm	215 - h12
4.10	Height of support legs	h8	mm	175
4.11	Supplementary lift	h9	mm	775
4.14	Platform height, raised	h12	mm	6000 - 10500
4.15	Fork height, fully lowered	h13	mm	90
4.19	Overall length	l1	mm	3290
4.20	Length to fork face	l2	mm	2139
4.21	Overall width	b1	mm	1170 / 1350
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	70 / 147 / 1150
4.24	Fork carriage width	b3	mm	560
4.25	Outside width over forks (minimum-maximum)	b5	mm	450 - 800
4.27	Width over guide rollers (minimum-maximum)	b6	mm	1348 - 1814
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	25
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	Platform or load width + clearance
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	Platform or load width + clearance
4.35	Turning radius	Wa	mm	2020
4.41	Transfer aisle width (pallet 1000 × 1200 mm lengthwise & 200 mm clearance)	Au	mm	3496
	PERFORMANCE			
5.1	Travel speed, with/without load		km/h	12 / 12
5.2	Lifting speed, with/without load		m/s	0.36 / 0.44
5.3	Lowering speed, with/without load		m/s	0.46 / 0.45
5.8	Maximum gradeability, with/without load		%	6.2
5.9	Acceleration time (10 metres) with/without load		s	5.5 / 5.2
5.10	Service brake			Electric
	ELECTRIC MOTORS			
6.1	Drive motor capacity (60 min. short duty)		kW	5.9
6.2	Lift motor output at 15% duty factor		kW	11
6.3	Battery to DIN 43 531/35/36 A/B/C/no			DIN 43531 B
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	48 / 500 - 620
6.5	Battery weight		kg	890 - 1125
	MISCELLANEOUS			
8.1	Type of drive control			Stepless
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)	65

3) Use h12 dimension in metres for calculation. This is the extra weight in the mast per metre of lift height.

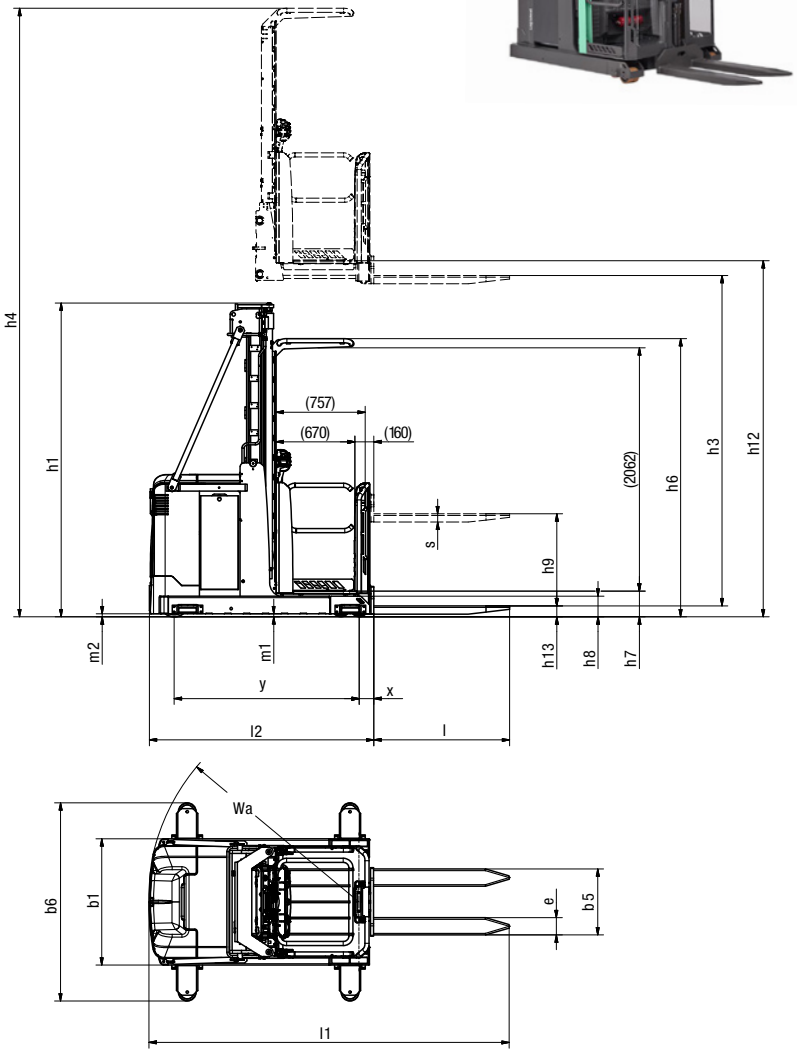
VELÍA EX

OPBM10P SERIES

HIGH LEVEL ORDER PICKERS

1.0 tonne





MAST PERFORMANCE AND CAPACITY

VELiA EX

OPBM10P SERIES

OPBM10P				mL ≤ 25 mm	mL ≤ 25 mm	mL ≤ 25 mm
MAST TYPE	h12 mm	h1 mm	h = h12-125+775 mm	b1 = 970	b1 = 1070	b1 = 1170
	Platform floor height	Closed mast height	Fork height EasyLift raised	Q @ c = 400-600mm kg	Q @ c = 400-600mm kg	Q @ c = 400-600mm kg
DUPLEX	3600	2392	4250	1000	1000	1000
	4000	2592	4650	1000	1000	1000
	4400	2792	5050	1000	1000	1000
	4700	2942	5350	1000	1000	1000
	5000	3092	5650	1000	1000	1000
	5400	3292	6050	1000	1000	1000
	5800	3492	6450	-	1000	1000
	6200	3692	6850	-	1000	1000
	6600	3892	7250	-	-	1000
	7000	4092	7650	-	-	800
	7400	4292	8050	-	-	650
TRIPLEX FREE-LIFT	5200	2370	5850	N/A	1000	1000
	5500	2470	6150	N/A	1000	1000
	6100	2670	6750	N/A	1000	1000
	6550	2820	7200	N/A	-	1000
	7000	2970	7650	N/A	-	800
	7800	3237	8450	N/A	-	650
	8250	3387	8900	N/A	-	600

Load deration based on load evenly spread along the forks
Load deration on request when LC >600 mm
mL = is ground clearance

Standard lift heights are limited by truck width.
Therefore residual capacity is shown at maximum standard lift height for the relative truck width.

Other higher options may be available but subject to special design.

h1 = Closed mast height
h12 = Lift height
h = Fork height EasyLift raised
b1 = Chassis width
Q = Lifting capacity, rated load
c = Load centre distance

OPBH12PH SERIES

OPBH12PH				mL ≤ 15 mm	mL ≤ 15 mm
MAST TYPE	h12 mm	h1 mm	h = h12-125+775 mm	b1 = 1170	b1 = 1350
	Platform floor height	Closed mast height	Fork height EasyLift raised	Q @ c = 400-600mm kg	Q @ c = 400-600mm kg
TRIPLEX FREE-LIFT	6000	2770	6650	1250	1250
	6750	3020	7400	1250	1250
	7500	3270	8150	1250	1250
	(7750)	3353	8400	1100	1250
	8250	3520	8900	900	1250
	(8500)	3603	9150	850	1250
	9000	3770	9650	750	1250
	9750	4020	10400	-	1100
	(10000)	4103	10650	-	1000
	10500	4270	11150	-	900

( ) = Non standard mast, only to show capacity
Load deration based on load evenly spread along the forks
Load deration on request when LC >600 mm
mL = is ground clearance

Standard lift heights are limited by truck width.
Therefore residual capacity is shown at maximum standard lift height for the relative truck width.

Other higher options may be available but subject to special design.

All capacities are based on VNA standard floors where ground clearance is not greater than 15 mm.
If adjustable lugs are altered to be greater than 15mm then capacity will be reduced.

STANDARD EQUIPMENT & OPTIONS

● = Standard
■ = Option

	OPBM10P	OPBH12PH
GENERAL		
Multifunctional colour display	●	●
PIN code log in, 99 codes	●	●
Key switch entry	■	■
Display incl. Steering wheel indicator	●	●
Drive and lift controls on mast side	●	●
Operators presence sensor in floor	●	●
Cornering control	●	●
Two hand operation in guided aisles	●	●
Platform with Ergolift and fixed forks	●	●
Pro Access gates	●	●
Warning light	●	●
GUIDANCE		
Rail guidance	■	■
Wire guidance	■	■
DESCENDER DEVICE		
Descender device	●	●
High specification escape device	■	■
ENVIRONMENT		
Chill store design, with rust protected axles	●	●
Cold store design, 0C° to -30C°	■	■
DRIVE, LIFT CONTROLS		
On fork side	■	■
On fork and mast side	■	■
Extra buttons for ergolift (mast side)	■	■
COMPUTER EQUIPMENT		
Automatic log off	■	■
Service alarm	■	■
Battery creep speed	■	■
DRIVE AND LIFT STOP		
Drive stop	■	■
Lift stop with/without restart	■	■
SAFETY		
Finger guards toward mast	■	■
Gate interlock, <1200 mm platform height	■	■
Gate open audible warning, >415 mm platform lift	■	■
Prepared for Personal Protection System, PPS	■	■
End of aisle reduced speed options		
OTHER		
Mini steering wheel	■	■
Light in cabin, for racks	■	■
Light in cabin, for interior	■	■
Radio with MP3	■	■
Converter 24-12 V, 8 A, 96 W outlet	■	■
12V DC power socket, Cigarette power outlet	■	■
Equipment holder, RAM system, Size C	■	■
Foldable driver's cushion	■	■
Comfort fan for driver	■	■
Extra storage in platform	■	■

VELÍA EX

OPBM10P & OPBH12PH SERIES

MID AND HIGH LEVEL ORDER PICKERS

1.0 - 1.2 tonnes



Optional folding driver's cushion



Clear warning light



Easy access

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

WESL2797 (09/26)

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Logisnext Forklifts