PRELIMINARY
SPECIFICATIONS

ELEVíA ES

THD13-15N3 Series

MAN-DOWN VNA TRUCK

1.3 - 1.5 tonnes

HIGH PERFORMANCE INTUITIVE OPERATION

Narrow aisles and high racking let you maximise your valuable warehouse space. With the ELEViA ES you get an exceptional VNA truck with reach truck-like agility as well as many similar features — the perfect combination to make the most of your optimised layout.



SPECIFICATIONS

THD13N3
THD15N3

WHEN RELIABILITY IS EVERYTHING...

Logisnext Forklifts

ELEVíA ES
THD13-15N3 SERIES
MAN-DOWN VNA TRUCK
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BRAKES
- **End of aisle braking system**
  The truck automatically slows as it reaches the end of an aisle for greater safety. (Option)

DRIVE
- **Automatic Speed Reduction**
  When the truck is outside of stacking aisles, drive speed is automatically limited when forks are above a certain height.
- **Durable drive wheel**
  Low-wear drive wheel means less maintenance and lower costs.
- **Active Spin Reduction**
  Helps to stop the drive wheel spinning. This minimises grip loss while also reducing wear on the wheel. (Option)

FORKS AND MAST
- **Level Assistance System**
  Automatically detects the operator's intention and stops when the forks are at precisely the right level. (Option)

FRAME AND BODY
- **Robust chassis**
  Built for intensive operations, with great inherent strength and high residual capacities.
- **Modular design**
  Limits the number of parts used meaning service engineers can carry fewer parts to keep the first-time fix rate incredibly high.

OPERATOR COMPARTMENT AND CONTROLS
- **Easy-access compartment**
  Features like ergonomic hand bars, low non-slip step and a wide entry provide safe and effortless entry and exit.
- **Multifunctional Ergologic Joystick**
  This intuitive and highly ergonomic joystick controls up to seven different functions, including lifting, lowering, fork rotation, fork traversal, and direction control. (Option)
- **Electrically adjustable floor height**
  Can be adjusted to suit each operator to provide a more ergonomic seating position.

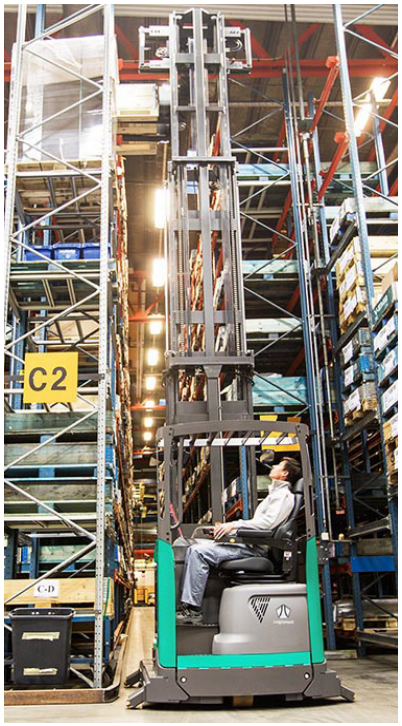


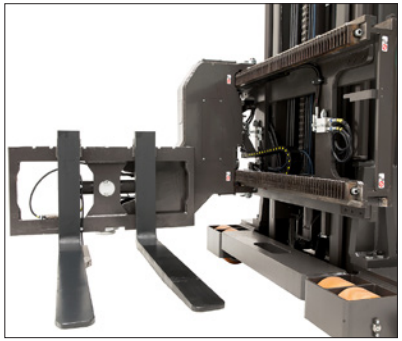


For more information on ELEViA ES please visit our website

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ELEVíA ES
THD13-15N3 SERIES
MAN-DOWN VNA TRUCK
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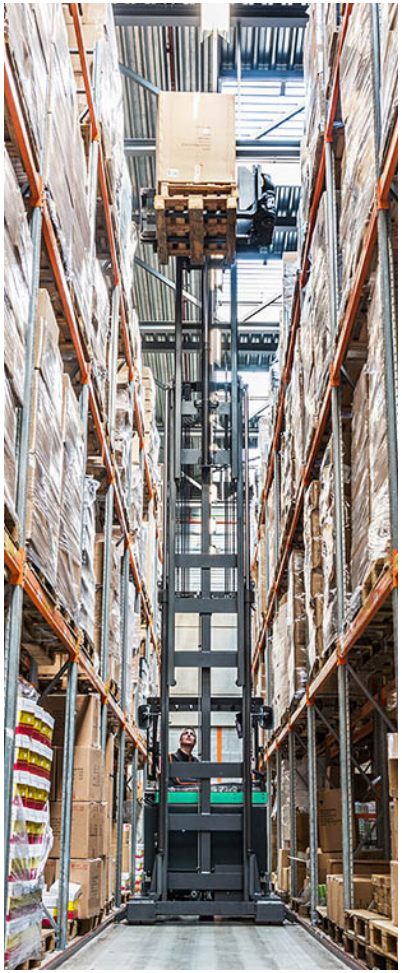




- **Spacious and comfortable cabin, clear view and fast, accurate fork positioning**
  This all helps to increase productivity and reduce risks of driver fatigue — even on the longest shifts.
- **Ergonomic seat with tilting backrest**
  Drivers are kept safe, comfortable, and alert through long shifts.
- **Automotive-style pedals**
  Pedals are placed in a familiar position for intuitive operation.
- **Hands-free direction controls**
  Directional controls in the accelerator means the control workload can be distributed between hands and feet.
- **Hand-operated direction control**
  Suitable for environments where pedal direction control would be difficult, or for operators who prefer to control direction with their hands. (Option)
- **Mast mirrors**
  Adjustable curved mirrors give the operator an excellent view of the truck, load, or fork tips from their normal driving position while at ground level.
- **PIN-code access**
  Stops unauthorised truck use and keeps you aware of who's operating at all times.
- **Transparent overhead guard**
  Improves safety by offering an unobstructed view of forks and load while lifting. (Option)
- **Fingertip hydraulic controls**
  Integrated, fully adjustable, and allows effortless precision. (Option)
- **Position light**
  Aligning the red laser with rack marking allows the driver to quickly ensure the forks are central to the desired position. (Option)

STEERING SYSTEM

- **Mini steering wheel with floating armrest**
  Ergonomically adjustable to reduce strain and lower risk of RSI.
- **360-degree steering**
  Selectable via personal PIN code. The operator can keep the truck in constant motion - saving seconds on every turn. (Option)
- **Midi steering wheel**
  Adjustable positioning with tilt function. (Option)



For more information on ELEVíA ES please visit our website

lnf2.eu/eleviaes

ELEVIA ES

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				
1.1	Manufacturer			Logisnext Forklifts	
1.2	Manufacturer's model designation			THD13N3	THD15N3
1.3	Power source			Battery	Battery
1.4	Operator type			Seated	Seated
1.5	Load capacity	Q	kg	1250	1500
1.6	Load center distance	c	mm	400 - 600	400 - 600
1.9	Wheelbase	y	mm	1534	1534
	WEIGHT				
2.1b	Truck weight without load, with maximum battery weight		kg	6674	6674
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	2804 / 3870	2804 / 3870
	WHEELS, DRIVE TRAIN				
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Vul	Vul
3.2	Tyre dimensions, drive side		mm	355 × 155	355 × 155
3.3	Tyre dimensions, load side		mm	200 × 110	200 × 110
3.5	Number of wheels, load / drive side (x = driven)			4 / 1x	4 / 1x
3.7	Track width (center of tyres), load side	b11	mm	1312	1312
	DIMENSIONS				
4.2a	Height with mast lowered	h1	mm	see table	see table
4.3	Free lift	h2	mm	see table	see table
4.4	Lift height	h3G+h13	mm	see table	see table
4.5	Height with mast extended	h4	mm	see table	see table
4.7	Height to top of overhead guard	h6	mm	2205	2205
4.8	Seat- or stand height	h7	mm	1077	1077
4.10	Height of support legs	h8	mm	230	230
4.15	Fork height, fully lowered	h13	mm	65	65
4.19	Overall length	l1	mm	3010 [1)]	3010 [1)]
4.21	Overall width	b1	mm	1450 [2)]	1450 [2)]
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	40 / 100 / 800, 1000, 1150	40 / 100 / 800, 1000, 1150
4.24	Fork carriage width	b3	mm	900	900
4.25	Outside width over forks (minimum-maximum)	b5	mm	520 / 710	520 / 710
4.27	Width over guide rollers (minimum-maximum)	b6	mm	1594	1594
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	55 [1)]	55 [1)]
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	1640 [1)]	1640 [1)]
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	1640 [1)]	1640 [1)]
4.35	Turning radius	Wa	mm	1753 [1)]	1753 [1)]
4.37	Truck length including support legs	l7	mm	1866 [1)]	1866 [1)]
4.41	Transfer aisle width (pallet 1000 x 1200 mm lengthwise & 200mm clearance)	Au	mm	3700 [1)]	3700 [1)]
	PERFORMANCE				
5.1	Travel speed, with / without load		km/h	12 [3)]	12 [3)]
5.2	Lifting speed, with / without load		m/s	0.38 / 0.47	0.34 / 0.47
5.3	Lowering speed, with / without load		m/s	0.57 / 0.54	0.57 / 0.54
5.7	Gradeability, with / without load		%	4.9 / 5.8	4.7 / 5.8
5.8	Maximum gradeability with / without load		%	10.4 / 12.3	10.4 / 12.3
5.9	Acceleration time (10 metres) with / without load		s	6.5 / 5.5	6.0 / 5.5
5.10	Service brake			Electric	Electric
	ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	7.2	7.2
6.2	Lift motor output at 15% duty factor		kW	15	15
6.3	Battery to DIN			43531C	43531C
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	48 / 930	48 / 930
6.5	Battery weight		kg	1240 - 1567	1240 - 1567
	MISCELLANEOUS				
8.1	Type of drive control			Electronic	Electronic
10.1	Maximum operating pressure for attachments		bar	150	150
10.2	Oil flow for attachments		l/min	25	25
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)	62.1	62.1

1) Value dependent on guidance system used.
See table on next page for Wire Guidance and Rail Guidance values.
2) Wire Guided: widest point of truck is 1470 mm.
Rail Guided: widest point of truck is the width over the guide rollers (standard is 1594 mm)
3) Unguided mode
For Wire Guided and Rail Guided values see table on next page.

ELEVIA ES

THD13-15N3 SERIES

MAN-DOWN VNA TRUCK

1.3 – 1.5 tonnes



VDI - PERFORMANCE & DIMENSIONS

	WIRE GUIDANCE			THD13N3	THD15N3
	DIMENSIONS				
4.19	Overall length	l1	(mm)	3116	3116
4.33	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	(mm)	1700	1700
4.34	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	(mm)	1700	1700
4.35	Turning radius	Wa	(mm)	1858	1858
4.37	Truck length including support legs	l7	(mm)	1972	1972
4.41	Transfer aisle width (pallet 1000 x 1200 mm lengthwise & 200mm clearance)	Au	(mm)	4200	4200
	PERFORMANCE				
5.1	Travel speed, with / without load		km/h	9	9

	RAIL GUIDANCE			THD13N3	THD15N3
	DIMENSIONS				
4.19	Overall length	l1	(mm)	3010	3010
4.31	Ground clearance (lowest point)	m1	(mm)	28	28
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)	55	55
4.33	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	(mm)	1640	1640
4.34	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	(mm)	1640	1640
4.35	Turning radius	Wa	(mm)	1753	1753
4.37	Truck length including support legs	l7	(mm)	1866	1866
4.41	Transfer aisle width (pallet 1000 x 1200 mm lengthwise & 200mm clearance)	Au	(mm)	3700	3700
	PERFORMANCE				
5.1	Travel speed, with / without load		km/h	14	14

ELEVIA ES

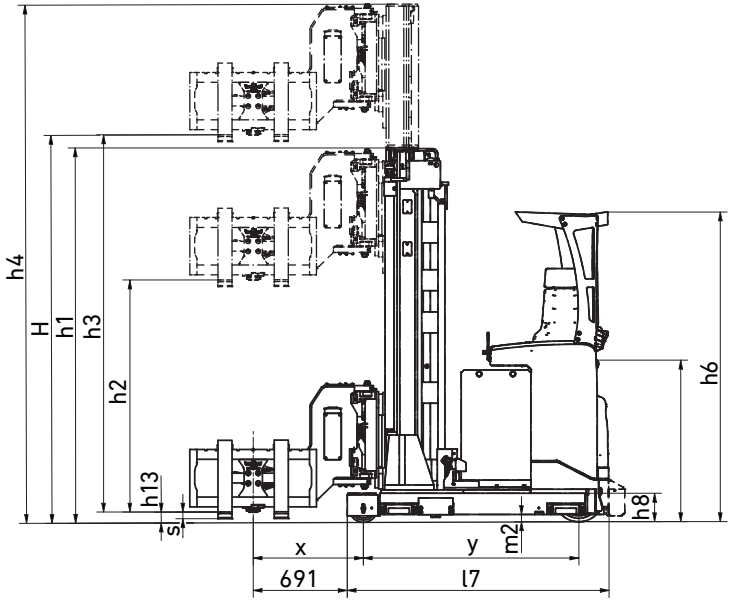
THD13-15N3 SERIES

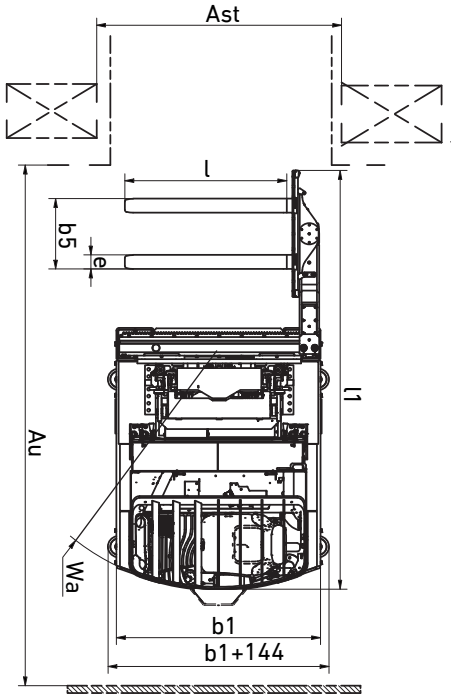
MAN-DOWN VNA TRUCK

1.3 – 1.5 tonnes

MAST PERFORMANCE AND CAPACITY

THD13N3 - THD15N3				
MAST TYPE	Lifting height h3 + h13 mm	Lowered mast height h1 mm	Free lift height h2 + h13 mm	Raised mast height h4 mm
TRIPLEX	4950	2670	1780	5840
	5400	2820	1930	6290
	5900	2987	2097	6790
	6600	3220	2330	7490
	7100	3387	2497	7990
	7600	3553	2663	8490
	7950	3670	2780	8840
	8550	3870	2980	9440
	9150	4070	3180	10040
	9750	4270	3380	10640
	10350	4470	3580	11240





STANDARD EQUIPMENT & OPTIONS

ELEVÍA ES

THD13-15N3 SERIES

MAN-DOWN VNA TRUCK

1.3 – 1.5 tonnes

● = Standard
■ = Option

	SBV12-16N3	SBV12-16N3I
GENERAL		
Automatic electric parking brake	●	●
Steering wheel angle indicator	●	●
Transport position indicator	●	●
Battery indicator with cut out at 20% remaining battery level	●	●
Multifunctional colour display	●	●
Electric adjustable floor height	●	●
Suspension seat with weight-controlled tilting high backrest	●	●
Max drive speed 14 km/h	●	●
Paper storage and cup holder	●	●
Battery on steel rollers	●	●
Other RAL-colour	■	■
POWER SOURCE		
Li-ion battery*	■	■
Lead acid battery	■	■
MAST, FORKS AND CARRIAGE		
Tri-lateral fork head attachment	●	●
Side mirrors on mast	●	●
Lift stop with-/without restart	■	■
Level Assistance System (LAS)	■	■
Lift height indicator	■	■
Weight and height indication	■	■
Fork camera with RLED display	■	■
DRIVE AND LIFT CONTROLS		
Mini steering wheel with floating armrest, adjustable height and length	●	●
180-degree electric power steering	●	●
360-degree electric power steering	■	■
Midi steering wheel	■	■
Ergologic Joystick	●	●
Fingertip controls	■	■
Hands-free direction control (HFDC) in accelerator pedal	●	●
Hand-operated direction control	■	■
Active Spin Reduction (ASR)	■	■
Creep speed when forks above 500 mm while outside of guided aisle	●	●
Wire guidance	■	■
Rail guidance	■	■
End of Aisle (EoA) drive speed reduction or precise stop	■	■

* Not in combination Cold store design, 0C° to -30C°



Battery on steel rollers



Ergologic Joystick



Mini steering wheel



Midi steering wheel



Wire guidance (sensor)

STANDARD EQUIPMENT & OPTIONS

ELEVIA ES

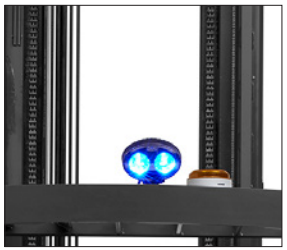
THD13-15N3 SERIES

MAN-DOWN VNA TRUCK

1.3 – 1.5 tonnes

● = Standard
■ = Option

	SBV12-16N3	SBV12-16N3I
ELECTRIC		
Blue / Red point safety light, towards forward driving direction	■	■
Position light laser system	■	■
Automatic logoff	■	■
Battery level audible warning	■	■
Working lights LED	■	■
Working lights LED for heated cabin	■	■
Warning light on overhead guard	■	■
Warning light for heated cabin	■	■
Key switch entry	■	■
12 V connector	■	■
Converter 48 - 12 V	■	■
Radio with MP3	■	■
Service alarm	■	■
OHG AND CABIN		
Heated cabin	■	■
Panoramic ProVision roof	■	■
Metal mesh on overhead guard	■	■
PVC seat	■	■
Heated seat – fabric	■	■
Heated seat – PVC	■	■
Headrest for seat	■	■
Rear view mirror	■	■
Equipment bar (accessory rack)	■	■
Writing desk	■	■
Equipment holder, RAM system size C	■	■
Equipment holder, RAM system size C, 2 pcs	■	■
Equipment holder, RAM system size D	■	■
WHEEL OPTIONS		
Vulkolan® traction wheel 95 Shore	●	●
Tractothan® traction wheel 93 Shore	■	■
Load wheels Ø 200mm	●	●
ENVIRONMENT		
Chill store design, down to +1˚C	●	●
Cold store design, 0C° to -30C°	■	■



Blue / Red point point safety light



Panoramic ProVision roof



LED working lights



Headrest for seat

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.



ELEViA
RULE THE AISLES



Built from the ground up with narrow aisles in mind, the ELEViA range is the last word in small-space productivity.

In tight spaces our VNA trucks thrive. Whether picking or stacking, their high performance and robust build never comes up short.

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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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Logisnext Europe B.V.
Hospitaaldreef 29 (floor 13), 1315 RC Almere,
The Netherlands.
Tel +31 36 54 94 311
logisnext-forklifts.eu

YouTube lnf2.eu/youtube

lnf2.eu/facebook

lnf2.eu/linkedin

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