

ORDER PICKER

OPL 25N / 20SF /12N

Low Level Order Picker

NOBLELIFT

Built for better.

OVERVIEW

BUILT FOR BETTER.

The Noblelift low-level order picker series is built for fast, comfortable picking across long warehouse runs — three models covering everything from heavy horizontal transport to elevated second-level picking. A German Schabmüller AC drive and Italian ZAPI controller deliver strong, smooth power with precise speed control, while an ergonomic German REMA handle and a curved, cushioned backrest keep operators fresh through long shifts. A four-point floating platform soaks up vibration, and sideways battery exchange keeps trucks running across multiple shifts. Whatever the load, there's a model sized to keep your picking moving.



Key Features



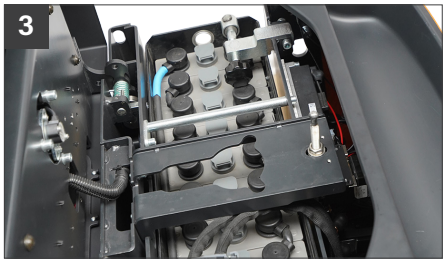
German REMA multifunction handle

A reliable, ergonomically designed German REMA handle puts every control within easy reach for comfortable, precise driving.



Control instrument and secure start

A multifunction instrument shows truck status, battery, working time, travel speed and steering angle, with a ring light that turns from blue to red the moment attention's needed — and PIN-code or ID-card start keeps access secure.



German AC drive technology

A maintenance-free German Schabmüller AC motor and KORDEL gearbox deliver strong power with smooth acceleration and braking.



Italian ZAPI controller

A reliable, flexible ZAPI control system gives precise, high-performance handling.



German wheels built to last

A German drive-wheel ring rated for high loads and long life, plus a long-life German load wheel — dependable, lower-cost running over the long haul.



Easy pallet entry

Entry rollers make loading pallets with bottom boards quick and smooth.



Jog buttons on both sides

Move the truck or lift the fork while walking alongside — no climbing on and off — lifting picking efficiency and safety.

Well-designed, safe and easy to maintain.



FEATURE	
High-power pump	A high-performance pump makes lifting quick and efficient.
Adjustable balance wheel	An upper adjustable balance wheel is quick to fine-tune for stable running.
Safety backrest	Safety flanks and a non-slip surface keep the operator secure, with a grab point for easy entry and exit.
Double USB charging	Twin USB ports keep scanners, phones and other devices powered through the shift.
Blue safety light	Switches on automatically when moving and follows the handle through turns to warn people nearby.
Reinforced welded fork	A robust welded fork with adjustable trolley design makes height adjustment and servicing easy.
Extension supports	Mounts for WMS displays, barcode scanners, storage trays and more, to suit your workflow.
Large storage tray	Room for stretch film, a knife, marker pen and other tools close to hand.
Warning beacon	A warning light adds extra visibility in busy, high-traffic areas.
Sideways battery exchange	A side battery compartment with adjustable handling bracket makes swaps fast for multi-shift work.

Three models, one shared platform

— choose the capacity and lift that match your picking.

OPL25N

Heavy horizontal transport

CAPACITY

2,500 kg

CAPACITY

115 mm



The heavy hauler - highest capacity for moving big loads over long ground-level runs.

OPL20SF

Elevated picking, higher capacity

CAPACITY

2,000 kg

CAPACITY

710 mm



A scissor lift raises the load to a comfortable working height, at strong capacity.

OPL12N

Elevated picking, lighter loads

CAPACITY

1,200 kg

CAPACITY

720 mm



Lifts the platform to pick from the second level - ideal for lighter, faster order picking.

Type sheet acc. to VDI 2198 — OPL25N

Identification		
Manufacturer's type designation		OPL25N
Drive		Battery
Operator type		Order-picker
Load capacity / rated load	Q (t)	2.5
Load centre distance	c (mm)	see Sheet 2
Load distance, centre of drive axle to fork	x (mm)	see Sheet 2
Wheelbase	y (mm)	see Sheet 2
Weights		
Service weight	kg	968
Axle loading, laden front / rear	kg	1290 / 2530
Axle loading, unladen front / rear	kg	980 / 340
Wheels Chassis		
Tyres		PU
Tyre size, front	Øxw (mm)	Ø 250×80
Tyre size, rear	Øxw (mm)	Ø 82×82
Additional wheels (dimensions)	Øxw (mm)	Ø 180×80
Wheels, number front / rear (x=driven)		1+1x/4
Tread, front	b10 (mm)	480
Tread, rear	b11 (mm)	360 / 505
Dimensions		
Lift	h3 (mm)	115
Height of tiller in drive position min. / max.	h14 (mm)	1280
Height, lowered	h13 (mm)	85
Overall length	l1 (mm)	see Sheet 2
Length to face of forks	l2 (mm)	1370
Overall width	b1 (mm)	810
Fork dimensions	s/e/l (mm)	60 / 180 / see Sheet 2
Width across forks	b5 (mm)	540
Ground clearance, centre of wheelbase	m2 (mm)	25
Aisle width for pallets 800×1200 lengthways	Ast (mm)	see Sheet 2
Turning radius	Wa (mm)	see Sheet 2
Performance Data		
Travel speed, laden / unladen	km/h	9 / 12
Lift speed, laden / unladen	mm/s	40 / 64
Lowering speed, laden / unladen	mm/s	60 / 40
Max. gradeability, laden / unladen	%	6 / 12
Service brake		regenerative
Motors		
Drive motor rating S2 60 min	kW	2.6
Lift motor rating at S3 10%	kW	2.2
Battery acc. to DIN 43531/35/36 A, B, C, no		No
Battery voltage, nominal capacity K5	V/Ah	24 / 465
Battery weight	kg	352
Energy consumption acc. to VDI cycle	kWh/h	0.7
Other		
Type of drive control		AC speed Control
Sound level at driver's ear acc. to EN 12053	dB(A)	<70
Steering		Electric steering
Sound level at driver's ear according to EN 12 053	dB(A)	75

"see Sheet 2" fields are configuration-dependent and referenced a Sheet 2 that is not included in the brochure. OPL12N / OPL20SF list actual values; note bumper variants and VDI diagonal aisle-width footnotes in the source.

NOBLELIFT
Built for better.

Type sheet acc. to VDI 2198 — OPL20SF

Identification		
Manufacturer's type designation		OPL20SF
Drive		Battery
Operator type		Order-picker
Load capacity / rated load	Q (t)	2.0
Load centre distance	c (mm)	1200
Load distance, centre of drive axle to fork	x (mm)	1550
Wheelbase	y (mm)	2786
Weights		
Service weight	kg	1120
Axle loading, laden front / rear	kg	1240 / 2250
Axle loading, unladen front / rear	kg	1020 / 470
Wheels Chassis		
Tyres		Polyurethane (PU)
Tyre size, front	Øxw (mm)	Ø 250×80
Tyre size, rear	Øxw (mm)	Ø 82×82
Additional wheels (dimensions)	Øxw (mm)	Ø 180×80
Wheels, number front / rear (x=driven)		1+1x/4
Tread, front	b10 (mm)	480
Tread, rear	b11 (mm)	360
Dimensions		
Lift	h3 (mm)	710
Height of tiller in drive position min. / max.	h14 (mm)	1280
Height, lowered	h13 (mm)	90
Overall length	l1 (mm)	3814
Length to face of forks	l2 (mm)	1414
Overall width	b1 (mm)	810
Fork dimensions	s/e/l (mm)	70 / 190 / 1150
Width across forks	b5 (mm)	540
Ground clearance, centre of wheelbase	m2 (mm)	25
Aisle width for pallets 800×1200 lengthways	Ast (mm)	4014
Turning radius	Wa (mm)	2964
Performance Data		
Travel speed, laden / unladen	km/h	9 / 12
Lift speed, laden / unladen	mm/s	85 / 125
Lowering speed, laden / unladen	mm/s	100 / 90
Max. gradeability, laden / unladen	%	6 / 12
Service brake		Electromagnetic
Motors		
Drive motor rating S2 60 min	kW	2.6
Lift motor rating at S3 10%	kW	2.2
Battery acc. to DIN 43531/35/36 A, B, C, no		No, 3PzS
Battery voltage, nominal capacity K5	V/Ah	24 / 465
Battery weight	kg	352
Energy consumption acc. to VDI cycle	kWh/h	0.6
Other		
Type of drive control		AC speed Control
Sound level at driver's ear acc. to EN 12053	dB(A)	<70
Steering		Electric steering

Type sheet acc. to VDI 2198 — OPL12N

Identification		
Manufacturer's type designation		OPL12N
Drive		Battery
Operator type		Order-picker
Load capacity / rated load	Q (t)	1.2
Load centre distance	c (mm)	600
Load distance, centre of drive axle to fork	x (mm)	702
Wheelbase	y (mm)	1940
Weights		
Service weight	kg	900
Axle loading, laden front / rear	kg	910 / 1532
Axle loading, unladen front / rear	kg	813 / 429
Wheels Chassis		
Tyres		Polyurethane (PU)
Tyre size, front	Øxw (mm)	Ø 250×80
Tyre size, rear	Øxw (mm)	Ø 82×82
Additional wheels (dimensions)	Øxw (mm)	Ø 180×80
Wheels, number front / rear (x=driven)		1+1x/4
Tread, front	b10 (mm)	480
Tread, rear	b11 (mm)	360
Dimensions		
Lift	h3 (mm)	720
Height of tiller in drive position min. / max.	h14 (mm)	1280
Height, lowered	h13 (mm)	87
Overall length	l1 (mm)	2570
Length to face of forks	l2 (mm)	1414
Overall width	b1 (mm)	810
Fork dimensions	s/e/l (mm)	60 / 180 / 1150
Width across forks	b5 (mm)	540
Ground clearance, centre of wheelbase	m2 (mm)	25
Aisle width for pallets 800×1200 lengthways	Ast (mm)	2812
Turning radius	Wa (mm)	2115
Performance Data		
Travel speed, laden / unladen	km/h	9 / 12
Lift speed, laden / unladen	mm/s	95 / 110
Lowering speed, laden / unladen	mm/s	80 / 60
Max. gradeability, laden / unladen	%	6 / 12
Service brake		Electromagnetic
Motors		
Drive motor rating S2 60 min	kW	2.6
Lift motor rating at S3 10%	kW	2.2
Battery acc. to DIN 43531/35/36 A, B, C, no		No, 3PzS
Battery voltage, nominal capacity K5	V/Ah	24 / 465
Battery weight	kg	352
Energy consumption acc. to VDI cycle	kWh/h	0.5
Other		
Type of drive control		AC speed Control
Sound level at driver's ear acc. to EN 12053	dB(A)	<70
Steering		Electric steering



LITHIUM BATTERY

LONG LASTING AND SAFE LITHIUM POWER.

NOBLELIFT uses LiFePO4 chemistry — the longest-lasting and safest lithium battery chemistry available. Every battery is equipped with a Battery Management System (BMS), a thermal management system, and an intelligent control system. The BMS monitors all charging and discharging data to keep the battery safe throughout its life cycle.

Our lithium battery packs are backed by a 5-year / 10,000 hour warranty.

Advantages of Lithium Power

	LEAD-ACID BATTERY	LITHIUM BATTERY
PRODUCTIVITY	Lower fleet availability — work is interrupted because the battery must be fully charged before next use.	100% fleet availability — opportunity charging tops the battery up between use.
SERVICE LIFE	Periodic battery replacement.	Lasts up to 3 times longer and doesn't need replacing.
ONGOING MAINTENANCE	Outsourced or in-house maintenance personnel required.	No maintenance cost.
CHARGE DURATION	8–10 hours — 2 or more batteries per machine.	2–3 hours — 1 battery per machine.
BATTERY ROOM	Requires an expensive, ventilated battery room.	No battery room needed.
SAFETY	Releases hydrogen while charging (explosion risk); acid burns possible during maintenance.	No dangerous substances.
POWER SAVINGS	Power loss.	No power loss — reduces energy consumption by up to 35%.



NOBLELIFT
Built for better.

SERVICING, PARTS & SUPPORT.

At Noblelift, we understand that reliable servicing and maintenance are essential to keeping your operation running smoothly. That's why we offer comprehensive support tailored to the needs of your Noblelift fleet. With our commitment to excellence and customer satisfaction, you can trust us to keep your equipment operating at peak performance.

Through our nationwide New Zealand network we can provide:

NATIONAL TECHNICAL SUPPORT

Help by phone or on site, nationwide.

FULLY STOCKED PARTS

Genuine parts held in stock across NZ.

MAINTENANCE & SERVICE CONTRACTS

Flexible plans built around your operation.

DEDICATED SERVICE TEAM

Factory-trained technicians with the product knowledge and diagnostic tools to keep your fleet running.

GENUINE PARTS & ACCESSORIES

A full inventory of genuine Noblelift parts, ready when you need them.

BACK-UP MACHINERY

A rental and support fleet on standby to keep you moving through any downtime.

CUSTOMER TRAINING & SUPPORT

Hands-on operator and maintenance training so your team works safely and efficiently.

SCHEDULED MAINTENANCE PROGRAMS

Proactive, tailored servicing that catches issues early and prevents costly breakdowns.

24/7 EMERGENCY SUPPORT

Round-the-clock help to get you back up and running fast.



NOBLELIFT

Built for better.

Talk to our team for sales and enquires

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Noblelift New Zealand.