

TRUCK OVERVIEW

Counterbalance and Warehouse Trucks



TRANSPORTING

Pallet Trucks



MT15 C
Light Pedestrian Pallet Truck
Capacity: 1.5 t

ION

Series 1131



T14 B
Pedestrian Pallet Truck
Capacity: 1.4 t

ION

Series 1132



T14 - T20
Pedestrian Pallet Truck
Capacity: 1.4 t - 2.0 t

PB ION Ex PIEK

Series 1155



T16 L
Pedestrian Pallet Truck
Capacity: 1.6 t

PB ION Ex

Series 1155



T25 - T30
Pedestrian Pallet Truck
Capacity: 2.5 t - 3.0 t

PB ION Ex

Series 1153



T16 - T20 P
Stand-on Pallet Truck
Capacity: 1.6 t - 2.0 t

PB ION

Series 1155



T20 - T25 AP N
Stand-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2 Ex

Series 1153



T20 - T25 FP
Stand-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2

Series 1153



T20 - T25 AP
Stand-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2

Series 1156



T20 - T25 SP
Stand-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2

Series 1156



T20 S
Stand-on Pallet Truck
Capacity: 2.0 t
Variants: SR

PB ION H2

Series 1154



T20 SF
Stand-on Pallet Truck
Capacity: 2.0 t

PB ION H2

Series 1154



T20 - T25 R
Sit-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2

Series 1154



T20 - T25 RW
Sit-on Pallet Truck
Capacity: 2.0 t - 2.5 t

PB ION H2

Series 1154

MT: Pallet Truck (Light Range)
T: Pallet Truck

AP: foldable platform
B: best value
C: compact
FP: fixed platform
L: low lift
N: narrow version

P: platform
R: sit-on, chassis width 820 mm
RW: sit-on, comfort chassis width 970 mm
S: stand-on crosswise position, chassis width 770 mm
SR: stand-on crosswise position, comfort

SF: chassis width 790 mm
stand-on front position,
chassis width 770 mm
SP: stand on fixed platform, 45° operation

Tow Tractors



MP13
Light Pedestrian Tow Tractor
Capacity: 1.3 t

PB

Series 8904



P20
Stand-on Tow Tractor
Capacity: 2.0 t

PB

Series 1193



P40 - P60 C
Stand-on Tow Tractor
Capacity: 4.0 t - 6.0 t
Variants: B

PB ION H2

Series 4595

Tow Tractors



P60 – P80
Sit-on Tow Tractor
Capacity: 6.0 t – 8.0 t

PB

Series 1191



P120 – P350
Sit-on Tow Tractor
Capacity: 12.0 t – 35.0 t
Variants: SWB, LWB, VSWB

PB ION Hz

Series 5007-10



W20 – W30
Sit-on Platform Tractor
Capacity: 2.0 t – 3.0 t
Variants: SWB, LWB

PB ION

Series 5007-10

MP: Tow Tractor (Light Range)
P: Tow Tractor
W: Platform Tractor

B: best value
C: compact
LWB: long wheelbase

SWB: short wheelbase
VLWB: very long wheel base
VSWB: very short wheel base

STORAGE

Reach Trucks



R10 – R16 B
Reach Truck
Capacity: 1.0 t – 1.6 t

PB ION

Series 1120



R14 – R25
Reach Truck
Capacity: 1.4 t – 2.5 t
Variants: HD, W, N

PB ION Hz Ex

Series 1120



R14 – R20 G
Rough Terrain Reach Truck
Capacity: 1.4 t – 2.0 t

PB ION Hz

Series 1120



R14 – R17 X
Compact Reach Truck
Capacity: 1.4 t – 1.7 t
Variants: high, HD

PB ION

Series 116



R20 – R25 F
Four Way Reach Truck
Capacity: 2.0 t – 2.5 t

PB

Series 8923

R: Reach Truck
B: basic
F: four way
G: rough terrain
HD: heavy duty

N: narrow version
W: wide version for picking up pallets crosswise
X: concept Xclusif with high visibility mast and operator comfort

Very Narrow Aisle Trucks



A
VNA Turret Truck
Man-down
Capacity: 1.5 t

PB ION

Series 5224



K
VNA Combination Turret Truck
Man-up
Capacity: 1.5 t

PB ION Hz Ex

Series 5231

A: Turret Truck for full pallet handling
K: Combination Turret Truck for full pallet handling and order picking
VNA: Very Narrow Aisle

Pallet Stackers



MM10 | ML10
Light Pallet Stacker
Capacity: 1.0 t
Variants: i

PB

Series 1167



L10 – L12 B AS
Pedestrian Straddle Pallet Stacker
Capacity: 1.0 t – 1.2 t

PB ION Ex

Series 4596

























L10 – L16 B
Pedestrian Pallet Stacker
Capacity: 1.0 t – 1.6 t

PB ION Ex

Series 4596

Pallet Stackers

 <p>Series 1173</p>	<p>L14 - L20 Pedestrian Pallet Stacker Capacity: 1.4 t - 2.0 t</p> <p>PB ION EX</p>	 <p>Series 1173</p>	<p>L14 - L20 AP Stand-on Pallet Stacker Capacity: 1.4 t - 2.0 t</p> <p>PB ION H2 EX</p>	 <p>Series 1177</p>	<p>L14 - L16 SP Stand-on Pallet Stacker Capacity: 1.4 t - 1.6 t</p> <p>PB ION H2</p>
 <p>Series 1174</p>	<p>L14 - L16 R Sit-on Pallet Stacker Capacity: 1.4 t - 1.6 t</p> <p>PB ION H2</p>	 <p>Series 1174</p>	<p>L14 - L16 RW Sit-on Pallet Stacker Capacity: 1.4 t - 1.6 t</p> <p>PB ION H2</p>	 <p>Series 1173</p>	<p>L14 - L16 AS Pedestrian Straddle Pallet Stacker Capacity: 1.4 t - 1.6 t</p> <p>PB ION EX</p>
 <p>Series 1173</p>	<p>L14 - L16 AS AP Stand-on (Straddle) Pallet Stacker Capacity: 1.4 t - 1.6 t</p> <p>PB ION</p>	 <p>Series 1171</p>	<p>L06 - L16 AC Pedestrian Counterbalanced Pallet Stacker Capacity: 0.6 t - 1.6 t</p> <p>PB ION EX</p>	 <p>Series 1162</p>	<p>D06 - D10 Pedestrian Double Pallet Stacker Capacity: 0.6 t - 1.0 t</p> <p>PB ION</p>
 <p>Series 1162</p>	<p>D08 M Pedestrian Double Pallet Stacker Capacity: 0.8 t</p> <p>ION</p>	 <p>Series 1163</p>	<p>D10 Pedestrian Double Pallet Stacker Capacity: 1.0 t</p> <p>PB ION</p>	 <p>Series 1163</p>	<p>D10 AP Stand-on Double Pallet Stacker Capacity: 1.0 t</p> <p>PB ION H2</p>
 <p>Series 1163</p>	<p>D10 FP Stand-on Double Pallet Stacker Capacity: 1.0 t</p> <p>PB ION H2</p>	 <p>Series 1173</p>	<p>D12 - D14 Pedestrian Stacker with double deck transport functionality Capacity: 1.2 t - 1.4 t</p> <p>PB ION EX</p>	 <p>Series 1173</p>	<p>D12 - D14 AP Stand-on Stacker with double deck transport functionality Capacity: 1.2 t - 1.4 t</p> <p>PB ION H2 EX</p>
 <p>Series 1161</p>	<p>D12 HP AP Stand-on Double Pallet Stacker Capacity: 1.0 t</p> <p>PB ION H2</p>	 <p>Series 1161</p>	<p>D12 HP SP Stand-on Double Pallet Stacker Capacity: 1.0 t</p> <p>PB ION H2</p>	 <p>Series 1161</p>	<p>D12 - D14 SP Stand-on Stacker with double deck transport functionality Capacity: 1.2 t - 1.4 t</p> <p>PB ION H2</p>
 <p>Series 1164</p>	<p>D12 SF Stand-on Double Pallet Stacker Capacity: 1.2 t Variants: D12 S</p> <p>PB ION H2</p>	 <p>Series 1164</p>	<p>D12 R Sit-on Stacker with double deck transport functionality Capacity: 1.2 t</p> <p>PB ION H2</p>	 <p>Series 1164</p>	<p>D12 RW Sit-on Stacker with double deck transport functionality Capacity: 1.2 t</p> <p>PB ION H2</p>
 <p>Series 1172</p>	<p>L03 EX Pedestrian Pallet Stacker Capacity: 0.3 t</p> <p>PB EX</p>	<p>D: Double Pallet Stacker L: Pallet Stacker ML: Pallet Stacker (Light Range) MM: Pallet Stacker (Light Range, Monomast)</p> <p>AS: straddle version FP: fixed platform B: best value HP: high performance i: initial lift M: mono-mast version P: platform R: sit-on, side mounted controls (steering wheel), chassis width 820 mm</p> <p>RW: seated, side-mounted controls (steering wheel), comfort chassis width 970 mm AC: counterbalanced-version AP: foldable platform</p> <p>C: compact S: stand-on, chassis width 770 mm SF: stand-on front position, chassis width 770 mm SP: fixed platform, 45° operation W: wide version</p>			

ORDER PICKING

Order Pickers

Order Pickers Semi Automated



N20 - N25
Low-level Order Picker
Capacity: 2.0 t – 2.5 t
Variants: B, HP

Series 1115

PB ION H2



N16 Li
Low-level Order Picker
Capacity: 0.8 t

Series 1115

PB ION H2



N20 - N25 SA
Low-level Order Picker
Capacity: 2.0 t – 2.5 t
Variants: B

Series 1115

PB ION H2



N20 D
Low-level Order Picker
Capacity: 1.0 t

Series 1115

PB ION H2



N20 LoL
Low-level Order Picker
Capacity: 0.8 t

Series 1115

PB ION H2



N20 - N25 C SA
Low-level Order Picker
Capacity: 2.0 t – 2.5 t

Series 4587

PB ION H2



N20 XL
Low-level Order Picker
Capacity: 0.6 t

Series 1115

PB ION H2



N20 - N25 C
Low-level Order Picker
Man-up
Capacity: 2.0 t – 2.5 t
Variants: B, HP

Series 4587

PB ION H2



N20 C D SA
Low-Level Order Picker
Capacity: 1.0 t

Series 4589

PB ION H2



N20 C D
Low-level Order Picker
Man-up
Capacity: 1.0 t

Series 4589

PB ION H2



N20 C LoL
Low-level Order Picker
Man-up
Capacity: 1.0 t

Series 4589

PB ION H2



N20 C LoL SA
Low-Level Order Picker
Capacity: 1.0 t

Series 4589

PB ION H2



N20 C LX
Low-level Order Picker
Man-up
Capacity: 2.0 t

Series 4590

PB ION H2



N20 C L
Low-level Order Picker
Man-up
Capacity: 1.2 t

Series 4590

PB ION H2



N20 C L SA
Low-Level Order Picker
Capacity: 1.2 t

Series 4590

PB ION H2



V08
Low-level Order Picker
Man-up
Capacity: 0.7 t – 1.0 t

Series 4594

PB ION H2



V10
Mid-level Order Picker
Man-up
Capacity: 1.0 t

Series 5021

PB ION

Multi Function Vehicle



MV01
Multi Function Vehicle
Man-up
Capacity: 0.09 t

Series 8905

ION



V modular B
Mid-level Order Picker
Man-up
Capacity: 1.0 t

Series 5214

PB ION



V modular
High-level Order Picker
Man-up
Capacity: 1.2 t

Series 5214

PB ION

N: Low-Level Order Picker
V: Modular Order Picker
MV: Multi Function Vehicle

B: best value
C: classic
D: double stacking

HP: high performance
i: initial lift
L: low lift

XL: extra long forks
LoL: long load arms
LX: scissor lift

V: liftable driver compartment
SA: semi automated

Batteries and Chargers

We offer matching batteries and chargers for our entire range of warehouse and electric trucks.

ION Available with Li-ION batteries

H2 Available with fuel cell as customised option

PB Available with lead-acid batteries

Ex Available as explosion protected truck

PIEK PIEK certificated. Low noise pollution, max. 60 dB(A)

STACKING

Electric Counterbalance Trucks



E10
E-Truck, Three Wheel
Capacity: 1.0 t

PB ION

Series 8917



Xi10 - Xi20
E-Truck, Three Wheel
Capacity: 1.0 t - 2.0 t

ION

Series 1251



Xi14 - Xi20 R
E-Truck, Three Wheel
Capacity: 1.4 t - 2.0 t

ION

Series 1251



E14 - E20
E-Truck, Three Wheel
Capacity: 1.4 t - 2.0 t

PB ION H2 Ex

Series 1251



Xi16 - Xi20 P
E-Truck, Four Wheel
Capacity: 1.6 t - 2.0 t

ION

Series 1251



Xi16 - Xi20 RP
E-Truck, Four Wheel
Capacity: 1.6 t - 2.0 t

ION

Series 1251



E16 - E20 P
E-Truck, Four Wheel
Capacity: 1.6 t - 2.0 t

PB ION H2 Ex

Series 1251



EG16
E-Truck, Three Wheel
Capacity: 1.6 t
Variants: H

PB ION

Series 1275



EG16 - EG20 P
E-Truck, Four Wheel
Capacity: 1.6 t - 2.0 t
Variants: H

PB ION

Series 1275



E20 - E35
E-Truck
Capacity: 2.0 t - 3.5 t
Variants: H, L, HL

PB ION H2 Ex

Series 1252



X20 - X35
E-Truck
Capacity: 2.0 t - 3.5 t

ION

Series 1252



EG25 - EG35
E-Truck
Capacity: 2.5 t - 3.5 t

PB ION

Series 1276



E35 - E50
E-Truck
Capacity: 3.5 t - 5.0 t
Variants: H, HL

PB ION H2 Ex

Series 1254



X35 - X50
E-Truck
Capacity: 3.5 t - 5.0 t

ION

Series 1254



E60 - E80
E-Truck
Capacity: 6.0 t - 8.0 t

PB ION

Series 1279

Electric Heavy Trucks



E100 - E180
Heavy Truck, electric drive
Capacity: 10.0 t - 18.0 t

PB ION

Series 1471

E: Electric Counterbalance Truck
EVO: Evolution
EG: Electric Grey Line
Xi: Electric Counterbalance Truck with integrated Li-ION battery

C: compact
H: high chassis
L: long chassis
P: four-wheel configuration
R: Roadster
X: high performance

PB Available with lead-acid batteries
ION Available with Li-ION batteries

Ex Available as explosion protected truck
H2 Available with fuel cell as customised option

Internal Combustion Engine Counterbalance Trucks



Series 391

H16 – H20
IC-Truck
Capacity: 1.6 t – 2.0 t

DIESEL **LPG** **CNG** **HVO**



Series 1202

H20 – H35
IC-Truck
Capacity: 2.0 t – 3.5 t

DIESEL **LPG** **CNG** **HVO**



Series 1204

H35 – H50
IC-Truck
Capacity: 3.5 t – 5.0 t

DIESEL **LPG** **CNG** **HVO**



Series 396

H50 – H80
IC-Truck
Capacity: 5.0 t – 8.0 t

DIESEL **HVO**

Internal Combustion Engine Heavy Trucks



Series 1401

H100 – H180 D
Heavy Truck, hydrostatic drive
Capacity: 10.0 t – 18.0 t

DIESEL **HVO**



Series 1411

HT100 – HT180 D
Heavy Truck, hydrodynamic drive
Capacity: 10.0 t – 18.0 t

DIESEL **HVO**

DIESEL Available with diesel drive
HVO Diesel engine HVO ready

LPG Available with fuel gas drive
CNG Available with natural gas drive

H: Internal combustion engine powered counterbalance truck with hydrostatic drive
HT: Internal combustion engine powered counterbalance truck with torque converter
IC: internal combustion engine
D: diesel

Logistic Train Solutions



Series 8971

LT06 – LT10

Logistic Train, hydraulic or electric lift
Capacity: 0.6 t – 1.0 t
Variants: M, W



Series 8970-01

LT10 – LT20

Logistic Train, electric lift
Capacity: 1.0 t – 2.0 t
Variants: C, B, BM



Series 8972

LT16

Logistic Train, hydraulic lift
Capacity: 1.6 t
Variants: Ch, BMh



Series 8970-11

**TR800×600
– BR1200×1000**
Trolleys
Capacity: 1.0 t

LT: Logistic Train

C: C-Frame for load handling from one side
B: Bridge-Frame for load handling from both sides
BM: Bridge-Frame + movable middle support for flexible load handling from both sides
h: hydraulic lift
M: M-frame for load handling from one side
W: W-frame for load handling from both sides
TR: Trolley
BR: BaseRunner Trolley

AUTOMATED SOLUTIONS

Transporting and Storage Solutions



Series 8925/8926

C-MATIC

Mobile Robot
Capacity: 1.0 t – 1.5 t

ION



Series 8928

C-MATIC HP

Mobile Robot
Capacity: 1.0 t

ION



Series 1195

L-MATIC core

Pallet Stacker
Capacity: 1.2 t

ION



Series 1171

L-MATIC AC k

Counterbalanced Pallet Stacker
Capacity: 1.4 t

PB ION



Series 1173

L-MATIC HD k

Pallet Stacker
Capacity: 1.6 t

PB ION



Series 5190

R-MATIC k

Reach Truck
Capacity: 1.1 t – 2.3 t

PB ION



Series 5231

K-MATIC

Very Narrow Aisle Truck
Capacity: 1.45 t

PB ION

HP: high performance
HD: heavy duty
AC: counterbalanced-version

Linde Material Handling GmbH,

Linde Material Handling, a KION Group company, is a leading global manufacturer of counterbalanced trucks with load capacities of up to 18 tons, manual and automated warehouse and systems technology equipment, and a solutions and service provider for intralogistics. With sales and service locations in more than 100 countries, we are close to customers in all major regions around the world. Drawing on over 120 years of experience in providing material handling solutions to customers in virtually every industry, we help our customers to optimize their entire material handling process. Our experts analyze all workflows from goods-in to goods out and together with the customer they create solutions which fully meet their individual requirements. In doing so, Linde guarantees smooth implementation, reliable commissioning and responsive service.



Linde Material Handling GmbH

Carl-von-Linde-Platz | 63743 Aschaffenburg | Germany
Phone +49 6021 99 0 | Fax +49 6021 99 1570
www.linde-mh.com | info@linde-mh.com
B_Truck_Overview_en_M_0725