



The OSE180X is perfect for high volume and intensive picking applications. With initial fork lift and a unique set of technical solutions it is a safe and ergonomic working tool in the order picking process.



Technical Details	OSE180X/OSE180XP
Power unit	Electr. battery
Operating type	Stand on
Rated capacity	kg 1800
Load centre	mm 1425
Weight without battery	kg 1123/1235
Max axle load drive wheel, without/with rated load	
short chassis	kg 597/780
long chassis	746/680
Max axle load castor wheels, without/with rated load	
short chassis	kg 500/830
long chassis	570/673
Max axle load fork.wheels, without/with rated load	
short chassis	kg 293/943
long chassis	339/1144
Drive wheel, Vulkollan	mm Ø 250x75
Fork wheels, bogie, Vulkollan	mm Ø 85x75
Castor wheels, Vulkollan	mm Ø 150x75
Travel speed, without/with rated load	km/h 12.0/7.0 ¹⁾
Lift speed, without/with rated load	m/s 0.1/0.07
Lowering speed, without/with rated load	m/s 0.1/0.09
Gradient, without/with rated load	% 5/5
Service-/parking brake	1 stage electromagnetic brake
Drive motor/Intermittent rating	kW/% 2.5/60
Lift motor/Intermittent rating	kW/% 1.2/4.5
Battery (5h discharge)	V/Ah 24/200—600
Battery weight, min./max.	kg 250/380
Steering system	electronic
Speed control	stepless
Steering arc	° 200

Dimensions, mm	OSE180X/OSE180XP
x Back of fork to wheel centre	1485
y Wheel base, short/long chassis	2690/2776
h ₇ Instep height	138
h ₁₂ Stand height, elevated	980 ²⁾
h ₁₃ Height of lowered fork	90
h ₁₅ Height of back rest	1300
h ₂₃ Total lift height	800
l ₂ Truck length incl. back of fork	1434/1520 ³⁾
b ₁ Chassis, width	790
s Fork thickness	70
e Fork width	180
l Fork length	1750—2850
b ₅ Width across fork, min.—max.	520/536/550/570
m ₁ Floor clearance under mast	23.5
W _a Turning radius	2704/2776
l ₉ Platform length	450

1) OSE180XP = 9/4.5 km/h with platform lifted above 500 mm

2) Applies only to OSE180XP.
h₇ remains 138 mm

3) Depending on battery compartment



- The new E-man steering concept is ideally suitable for picking as well as for pallet handling applications. Light, one hand operation increases the flexibility for the driver and at the same time simplifies driving in the fork direction.
- Easy second level picking with elevating platform offers a design which optimizes the total picking cycle. Both efficiency and manoeuvrability increases as the operator always has the E-man handle within close reach.
- With fork lengths up to 2850 mm the OSE180X is capable of handling more goods at a time, which means reduced number of picking cycles and increased productivity.
- The performance is first-rate. A travel speed of 12 km/h, together with high acceleration, increases the number of pick-ups. With our motor technology it is very easy to adjust top speed, acceleration and speed reduction to meet individual requirements.
- The BT Powerdrive system provides reliability and simplicity. Can-bus technology means fewer parts and reliable transmission of data. A Pin code start up procedure offers higher operational safety by stopping unauthorised driving.

Truck features	OSE180X	OSE180XP
BT Powerdrive System	S	S
Elevating platform	—	S
High performance models	S	S
Controls and instrument		
Adjustable BT Control console	O	O
Exterior lift/lower buttons	O	O
Fingertip controls	S	S
Information display	S	S
Power/Electronic steering	S	S
Driving features		
200° steering	S	S
Automatic deceleration	S	S
Electronic regenerative brakes	S	S
Safety features		
BT Access Control	S	S
Driver detection system	S	S
Programmable performance	S	S
Drivers compartment features		
Elevating picking shelf	—	O
Folding seat	O	—
Low step-in	S	S
Storage compartments	O	O
Writing table	O	O
Maintenance features		
Easy access for maintenance	S	S
Fault diagnosis facility	S	S
Battery management features		
Battery change facility	O	O
Battery status indicator	S	S

S = Standard feature

O = Optional feature

— = Not available

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