



THE NEW
SKYLIFT X
GEN 2.0

EXCHANGEABLE
HIGH-LEVEL AUTOMATIC LIFTER

 **FAUN**
KIRCHHOFF GROUP

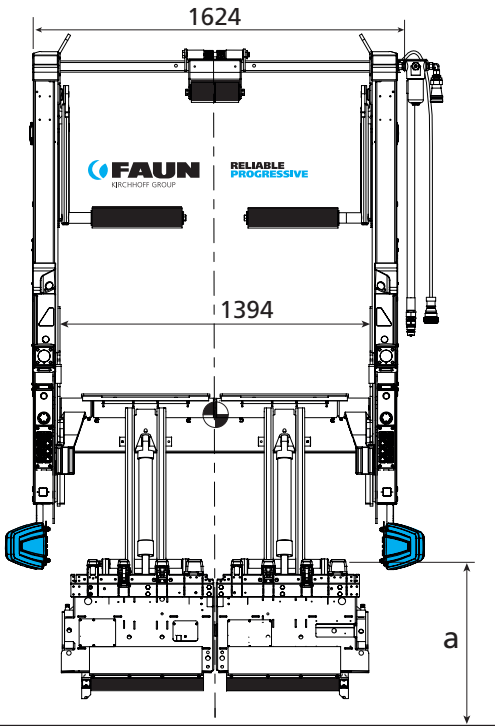
THE NEW SKYLIFT X

THE LIFTER FOR FLEXIBLE

The interchangeable high-level automatic lifter with two independently operating lifting and tipping units with comb pick-up. Reliable basic hydraulic and electrical components combined with weight-optimised mechanical elements guarantee trouble-free, compensated synchronisation of the lift units while ensuring maximum work safety.

GOOD REASONS TO BUY SKYLIFT X

- Short cycle time (5 - 7 s / 10 - 12 s)
- Setting edge range of the rubbish truck from 1,100-1,600 mm
- Smooth, easy-to-clean panelling elements with optimum maintenance access and additional integration options for further options
- Easy cleaning and maintenance with integrated control units
- The steel pallet truck 'Light' does not have a pivot mount and therefore has a weight advantage of approx. 49 kg
- Basic components and container retention system from tried-and-tested lifter assemblies
- Low-dust, noise-reduced and and container-friendly emptying
- Low risk of accidents thanks to EU-compliant safety technology
- High ease of use and high discharge capacity
- Low vehicle overhang



Reusable container types

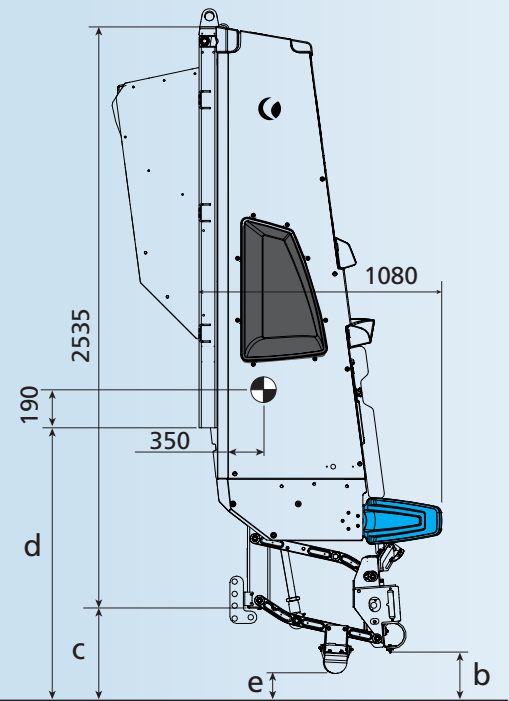
	refuse bins	refuse bins	refuse bins	refuse bins
Specification	80/120 I	140/240/340 I	500 - 1,200 I	770 - 1,300 I
Special containers on request	EN 840-1	EN 840-1	EN 840-2	EN 840-3

Dimensions in mm

a) Installation height	820	900	900	900
b) Lifting carriage ground clearance	300	380	380	380
c) Swivelling arm ground clearance	345 - 800	345 - 800	345 - 800	345 - 800
d) Installation area	1,150 - 1,550	1,150 - 1,550	1,150 - 1,550	1,150 - 1,550
e) Platform ground clearance	165 - 380	245 - 380	245 - 380	245 - 380

Technical data

Cycle time ¹⁾	ca. 5 - 7 s	ca. 5 - 7 s	ca. 10 - 12 s	ca. 10 - 12 s
Lifting and tipping force ²⁾	2 x 1,500 N	2 x 1,500 N	7,000 N	7,000 N
Noise level approx. ³⁾	70 dB (A)	70 dB (A)	66 dB (A)	66 dB (A)
Hydraulic flow to coupling	40 - 46 l/min			
Operation pressure	180 bar			
Operating voltage	24 V			
Weight ⁴⁾	ca. 735 kg			



1) Cycle time (without holding time); depending on installation height, container size and oil viscosity
2) Lifting and tipping force with maximum utilisation of the container volume with a waste density according to the standard
3) Workplace-related emission value without container
4) Depending on lift equipment

Position of the lift's centre of gravity when the swivel arms are lowered.



1 Active, divided container retention for container-friendly removal.

2 Opening cams integrated in the lifter housing, for 4-wheel containers with sliding lid (optional).

3 Protected standing area for the worker with maximum possible standing width and additional shoulder clearance in accordance with EN 1501-1.

4 New robust barrier design with extendable barrier as an option for emptying 4-wheel bins in fully automatic mode.

5 Large ground clearance of the pallet truck to avoid ground contact or when reversing.

6 Ergonomic, encapsulated operating elements with operating mode preselection for manual, semi-automatic or fully automatic emptying, switchable single / compound operation.

7 **NEW**
The user-friendly display shows information and allows parameter queried.

8 **NEW**
Pressure sensors enable the lifter to calibrate itself.

NEW
Status-dependent operator feedback via interactive LED colored ring.



Quick-change system

The lift can be lifted out quickly and easily and transported and stored using the separately available swap-body trolley. This makes manual loading possible in no time at all.



Worker Protection System (WPS)

More safety for loading personnel: infrared cameras register objects and people in the risk area during the persons in the risk area and stops the process automatically.



Lifting device

The lifting device allows quick and easy access for cleaning or maintenance of the load tray.



Split Bin Lifter Carriages

DIN arms can be fitted as an option, to be used in conjunction with the standard bin lifter. Weighing preparation is also available (optional).



Waste analysis directly on the truck

DEEPSCAN uses electromagnetic detection to bins for metallic contaminants even before they are foreign matter before they are emptied.



Additional handle

An additional third handle increases stability and widens the viewing angle for the loading personnel.



Safety assistant VISY

The 3D technology enables safe reversing without a guide. An optional extension also offers 3D turn monitoring.



Folding arms

For holding 4-wheel containers with DIN arms.



Extendable barriers

For emptying 4-wheel containers in automatic mode (optional).



Dust curtains in customer design

The curtains can be customised and thus offer a further advertising opportunity.



Head protection pad

Even more protection for the loading personnel, with the padded head protection (optional).



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We think outside the box and dare to break new ground.

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