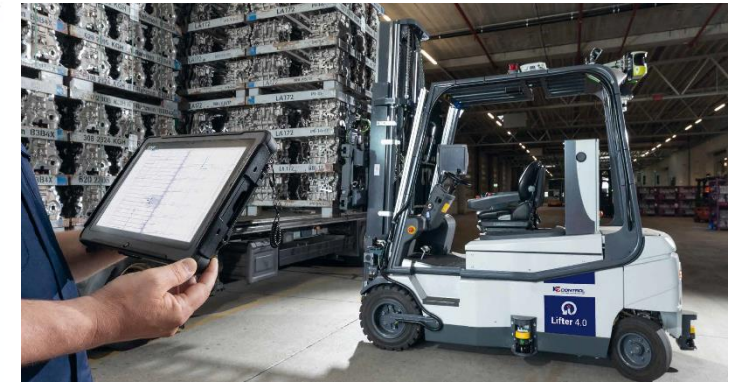




## Produktdatenblatt iLifter<sup>KS</sup> 4.0



# Der iLifter<sup>KS</sup> 4.0:







Seitliches Be- und Entladen



Rückseitige Be- und Entladung



Behälterspezifisches Mehrfachstapeln



Automatikbetrieb oder Fahrermodus

**LITHIUM-IONEN-BATTERIE**

- Betriebszeit ca. 21 - 22 Std.
- Schnell-/Zwischenladezeiten ca. 2 - 3 Std.

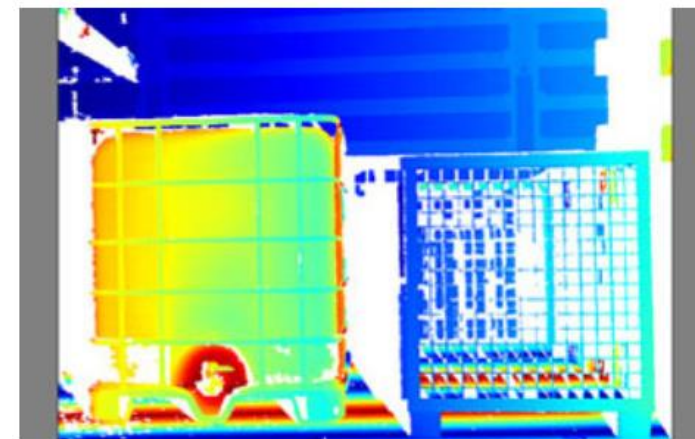


**BLEI-SÄURE-BATTERIE**

- Betriebszeit ca. 8 Std.
- Lade-/Ruhezeiten ca. 16 Std.



Batterietechnologie



Objekterkennung und Stellplatznavigation

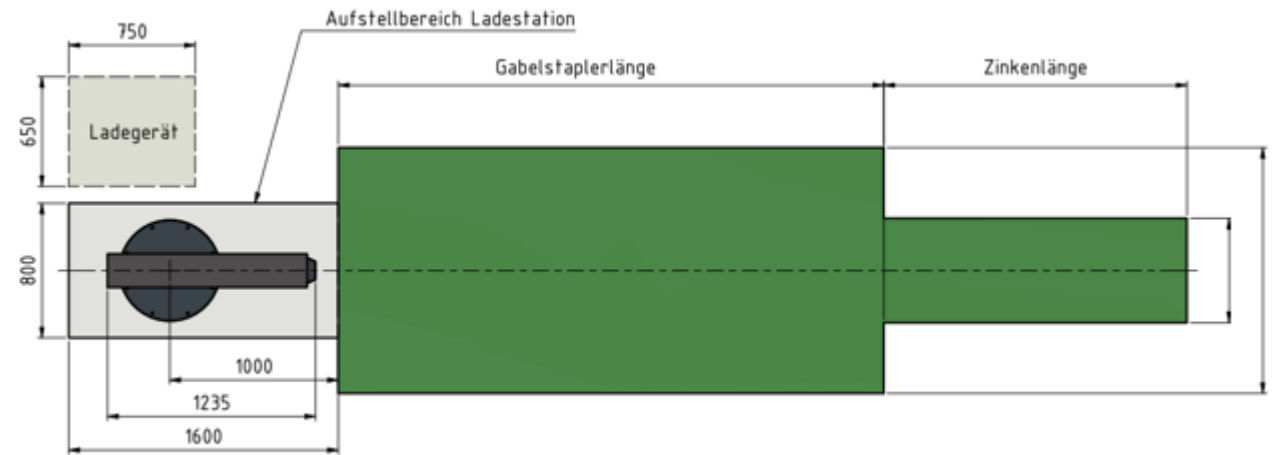
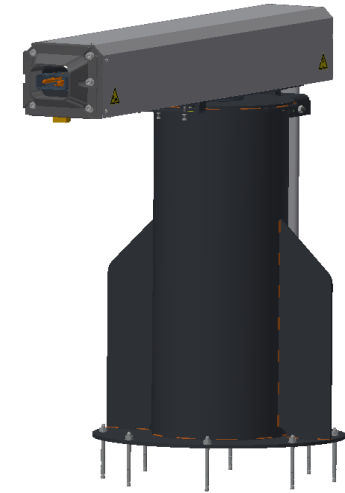
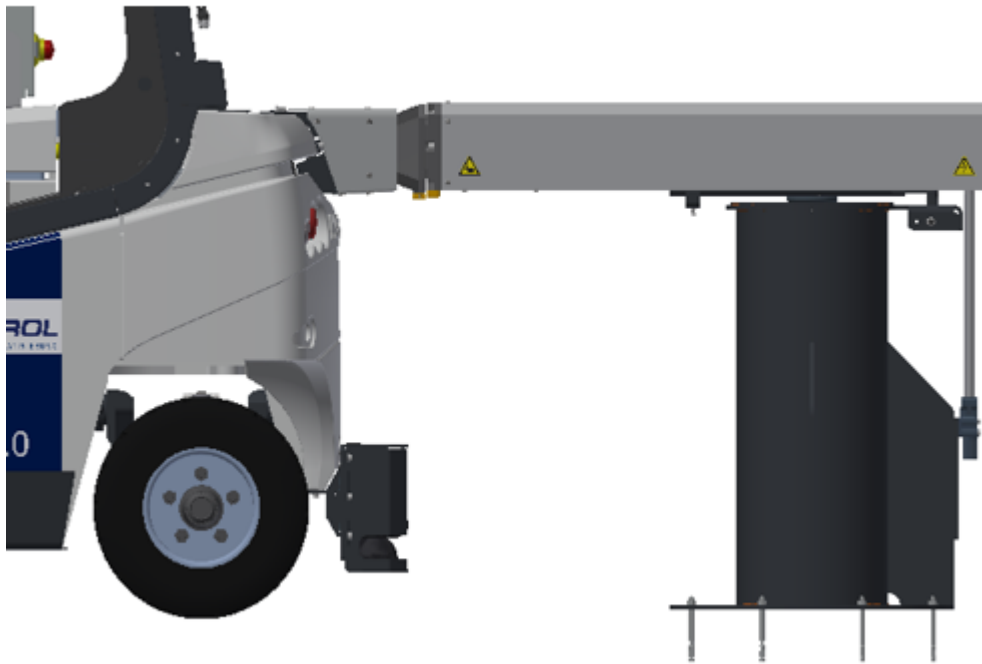
# Aufbau:



1	Sensoren für Fahrzeugnavigation
2	Bedienelemente
3	Fahrerstand mit Sitz für manuellen Betrieb
4	NOT-HALT-Taster
5	Zustandsanzeige
6	Blinklicht
7	Grundfahrzeug
8	Safety Scanner
9	Gabel mit Seitenschieber
10	Schaltschrank mit Steuerung für Auto-Mode

## Automatische Ladestation:

Der iLifter<sup>KS</sup> 4.0 wird durch eine rückseitige Dockingstation aufgeladen

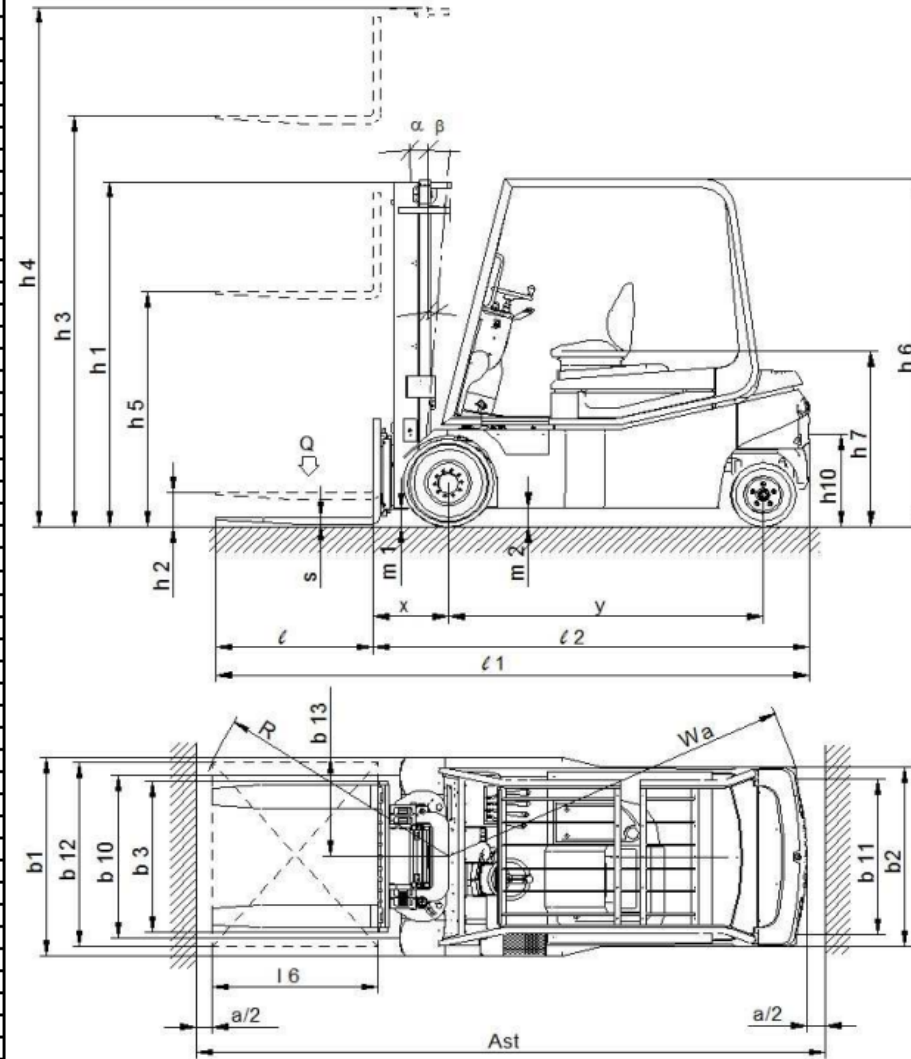




# iLifter<sup>KS</sup> 4.0 Abmessungen Basisfahrzeug

		MONTINI		
		MR 4.0	MR 4.0 CSM	
Characteristics	1.1 Manufacturer			
	1.2 Model			
	1.3 Power unit (electric, diesel, petrol, L.P.Gas, electric mains)	electric		
	1.4 Drive type (hand-control, pedestrian, stand-on, sit-on, commissioner)	sit-on		
	1.5 Capacity/Load	4		
Weights	1.6 Load centre	c (mm) 500		
	1.8 Load distance	x (mm) 503		
	1.9 Wheelbase	y (mm) 2000		
	2.1 Weight	Kg 6555		
	2.2 Load on front/rear axle: with load	Kg 9206/1349		
Equipment	2.2 Load on front/rear axle: without load	Kg 3200/3355		
	3.1 Tyre type: superelastic (SE), cushion (C), pneumatic (PN)	SE/C/PN		
	3.2 Front tyre size	315/45-12		
	3.3 Rear tyre size	180/60-10		
	3.5 Number of front/rear wheels (x=driven)	2x/2		
	3.6 Front track width	b10 (mm) 1005		
	3.7 Rear track width	b11 (mm) 1010		
	Basic dimensions	4.1 Maximum tilt of mast/fork carriage forward/backward (a+b)	degrees 4°/8°	
		4.2 Overall height with nested mast	h1 (mm) 2368	
		4.3 Free lift	h2 (mm) -	
4.4 Lift height		h3 (mm) 3300		
4.5 Overall height with extended mast		h4 (mm) 4010		
4.7 Overhead guard height		h6 (mm) 2310		
4.8 Seat height		h7 (mm) 1240		
4.12 Tow hitch height		h10 (mm) 576		
4.19 Overall length		l1 (mm) 3798		
4.20 Length including thickness of vertical component of forks		l2 (mm) 2798		
4.21 Overall width		b1/b2 (mm) 1290/1170		
4.22 Fork size		s/e/l (mm) 50/150/1000		
4.23 Fork carriage (ISO 2330, class/type, A, B)		ISO 3A		
4.24 Minimum fork carriage width		b3 (mm) 1150		
Performances data		4.31 Ground clearance below mast (laden)	m1 (mm) 95	
	4.32 Ground clearance at centre wheelbase (laden)	m2 (mm) 120		
	4.33 Aisle width for stacking pallets 1000x1200 (l6xb12), stacking side 1200	Ast (mm) 3999		
	4.34 Aisle width for stacking pallets 800x1200 (b12xl6), stacking side 800	Ast (mm) 4199		
	4.35 Turning radius	Wa (mm) 2296		
	4.36 Distance from turning centre and truck centre axis	b13 (mm) 0		
	5.1 Travel speed laden/unladen	Km/h 16/17		
	5.2 Lifting speed laden/unladen	m/s 0.35/0.45		
	5.3 Lowering speed laden/unladen	m/s 0.48/0.30		
	5.5 Tractive effort laden/unladen	daN -		
Electric motor	5.6 Max. tractive effort laden/unladen	daN 19000/19300		
	5.7 Gradeability laden/unladen	%		
	5.8 Max. gradeability laden/unladen	%		
	5.9 Acceleration time laden/unladen	s 4.9/4.5		
	5.10 Service brake	hydraulic/electric		
	6.1 Rated traction motor power, S2 60' service	Kw 2x8.5		
	6.2 Rated lift motor power, S3 15 % service	Kw 21		
	6.3 Battery DIN 43531/35/36 A, B, C	DIN 43536 A		
	6.4 Rated voltage/capacity 5h	V/Ah 80/750-960		
	6.5 Minimum/maximum battery weight	Kg 2180/2410		
Miscellaneous	6.6 Power consumption according to VDI cycle	KWh/h -		
	8.1 Type of electronic control	inverter		
	8.2 Available working pressure for attachments	bar 200		
	8.3 Oil flow for attachments	l/min -		
	8.4 Sound pressure at operator ear	db (A) < 75 db (A)		
8.5 Hitch model/type	-			

MONTINI ITALIA 20/02/2018



- 1) Optional cushion tyres 559x305-406.4
- 2) Optional cushion tyres 457x152-308
- 3) With cushion tyres 985
- 4) With cushion tyres 1018
- 5) With cushion tyres 1290/1170
- 6) Ast = Wa + x + l6 + a (a = 200 mm.)
- 7) With additional ventilation