

Electric Pedestrian Medium-level Stacker

straddle version available

EMC 10/EMB 10



- Universal fork lift truck for multiple application uses
- Electric travel and lifting
- Low maintenance
- Shunt-wound impulse control for sensitive, energy-saving operation
- Integrated charger as standard

Technical Data in line with VDI 2198 as at: 06/2004

		Jungheinrich		Jungheinrich				
		EMC 10	EMB 10	EMC 10	EMB 10			
Characteristics	1.1	Manufacturer (short form)					1.1	
	1.2	Manufacturer's truck type					1.2	
	1.3	Drive	electric		electric		1.3	
	1.4	Operation (hand, pedestrian, stand-on)	pedestrian		pedestrian		1.4	
	1.5	Capacity / load	Q (t)		1,0		1.5	
	1.6	Load centre	c (mm)		600		1.6	
	1.8	Load distance	x (mm)		790		1.8	
	1.9	Wheel base	y (mm)		1170		1.9	
	Weights	2.1	Service weight (incl. battery)	420	500	460	529	2.1
2.2		Axle load with load in front / back	482/938	529/971	500/960	534/995	2.2	
2.3		Axle load without load in front / back	320/100	367/133	338/122	372/157	2.3	
Wheels	3.1	Tyres	Tophane		Tophane		3.1	
	3.2	Tyre size front (Ø x B)	230 x 80		230 x 80		3.2	
	3.3	Tyre size, back (Ø x B)	85 x 70		85 x 70		3.3	
	3.4	Additional wheels (dimensions)	150 x 50	140 x 54	150 x 50	140 x 54	3.4	
	3.5	No. of wheels front / back, (x=powered)	1x 1/2		1x 1/2		3.5	
	3.6	Track width – front	514		514		3.6	
	3.7	Track width – back	380	1070-1370	380	1070-1370	3.7	
Basic Dimensions	4.2	Closed mast height	h ₁ (mm)		1970		4.2	
	4.3	Free lift	h ₂ (mm)		1527		4.3	
	4.4	Lift height	h ₃ (mm)		1560		4.4	
	4.5	Extended mast height	h ₄ (mm)		2003		4.5	
	4.9	Handle height in travel direction min. / max.	h ₁₄ (mm)		1262		4.9	
	4.15	Lowered height	h ₁₃ (mm)		90		4.15	
	4.19	Total length	l ₁ (mm)		1706		4.19	
	4.20	Length incl. back of forks	l ₂ (mm)		531		4.20	
	4.21	Total width	b ₁ /b ₂ (mm)	800	1170-1470	800	1170-1470	4.21
	4.22	Fork dimensions	s/e/l (mm)		60/160/1175		4.22	
	4.24	Fork carriage width	b ₃ (mm)		620		4.24	
	4.25	Width across forks	b ₅ (mm)		540		4.25	
	4.32	Floor clearance centre wheelbase	m ₂ (mm)		30		4.32	
	4.33	Working aisle width with pallet 1000x1200 transverse (l ₆ x b ₁₂) Ast (mm)	2241	2340	2241	2340	4.33	
	4.34	Working aisle width with pallet 800x1200 lengthways (b ₁₂ x l ₆) Ast (mm)	2178	2190	2178	2190	4.34	
4.35	Turning radius	Wa (mm)		1405		4.35		
Performance Data	5.1	Travel speed with / without load	km/h		3,5/4		5.1	
	5.2	Lift speed with / without load	m/s		0,08/0,11		5.2	
	5.3	Lowering speed with / without load	m/s		0,20/0,07		5.3	
	5.8	Max. gradient performance with / without load	%		3,6/10		5.8	
	5.10	Operating brake			magnetic brake		5.10	
E-Motor	6.1	Drive motor, performance S2 30 min.	kW		0,35		6.1	
	6.2	Lift motor, performance at S3 15%	kW		1		6.2	
	6.3	Battery in line with DIN 43531/35/36 A, B, C, no	kW		no		6.3	
	6.4	Battery voltage, nominal capacity K ₅	V/Ah		2 x 12/60		6.4	
	6.5	Battery weight	kg		2 x 23		6.5	
	6.6	Energy consumption in line with VDI cycle	kWh/h				6.6	
Other Details	8.1	Type of drive control			impulse		8.1	
	8.4	Noise level, driver's ear	dB (A)		70		8.4	



Application

A universal pedestrian stacker for light to medium applications in industry, the wholesale sector as well as the retail trade. Different attachments – such as jib type cranes, weighing systems, barrel clamps, automatic lift positioning can offer solutions to all your handling needs.

Operation

Comfortable handle grip height for effortless operation. The handle was developed according to the latest ergonomic findings. The optimum grip handle allows fatigue free operation. All operating components are logically arranged and readily accessible without removal of hands. The handle head's form and dimension offer maximum protection for the operator. The material used is also unaffected by temperature. The enclosed truck contours and strong chassis offer maximum protection for both operator

and truck. All wheels are constantly enclosed within the trucks contours. Slimline simplex mast offers maximum visibility onto load and forklifts.

Drive Control

Drive motor in shunt-wound technology. Protective motor switch for thermal overload. Impulse control – powerful and at the same time sensitive with low energy consumption. Drive electronics provide sensitive, wear-free regenerative braking.

Service

Easily removable casing panels allow maximum accessibility to all components for maintenance and inspection. Two maintenance-free block batteries with integrated charger and battery discharge indicator.

Your partner:



Electric Pedestrian Stacker Swift

Medium-level Swift EMC/EMB 10 (1 t)



One generation a

Get onto the Swift class. This new medium lift truck is a class on its own within its class. And one fork tip ahead of all that has gone before.

Please make a comparison:

Capacity:	1000 kg
Lift height:	1580/2000 mm
Travel:	electric
Lifting:	electric
Battery:	block battery
Charger:	integrated
Attachments:	wide selection
Operation:	simple and safe
Design:	modern
Service:	by MIC
Price:	



impulse control!
maintenance-free!
correct!
reliable!
surprisingly good value!



So, if you are fed up moving heavy loads by hand, always unloading your transporter manually, or constantly borrowing your neighbour's fork lift truck, then you are ready for the new Swift from MIC

head

Modern styling

The new Swift. With its futuristic design fits in wherever modern man moves something – i.e. in your operation. You can even leave it in your customer areas: in the shop, in the exhibition or presentation room. For example: to introduce a new product or for special actions. A



It's so easy

to fall in love with this Swift! And it is very easy to operate: simply switch on and start stacking. We have made sure that it will be within your grasp immediately. The handle lies in your hand superbly and steering is very easy as well. All operating elements are arranged within grasp and very easy to access. Impulse control ensures gentle and exact movement.

With safety in mind: all wheels are arranged within the confines of the frame – so that you really drive safely.



Energy from the can

You need never go to the charging station: it has an onboard charger – always to hand. Fresh energy can be taken from any 220 Volt mains socket. With maintenance free battery service is reduced also.



The choice is yours

Swift is available as a perfectly "normal" pedestrian stacker. Or you can trust it with special orders. On request, we will fit your Swift with attachments – for example with lift table or roller bed or with integrated weighing scales.



Wide gauge model EMB



At home everywhere

The Swift of many talents, at home wherever you want to move heavy loads effortlessly. Without exertion, one could say, "at the touch of a button": in the retail trade, at distribution companies, building and D.I.Y markets, banks, garden centres, hotels, hospitals, etc., etc., etc.