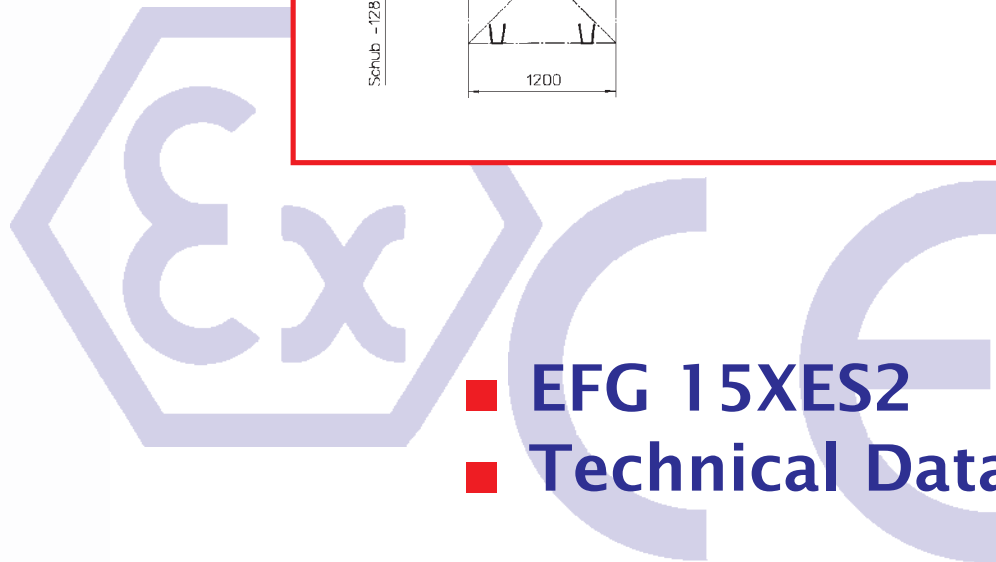
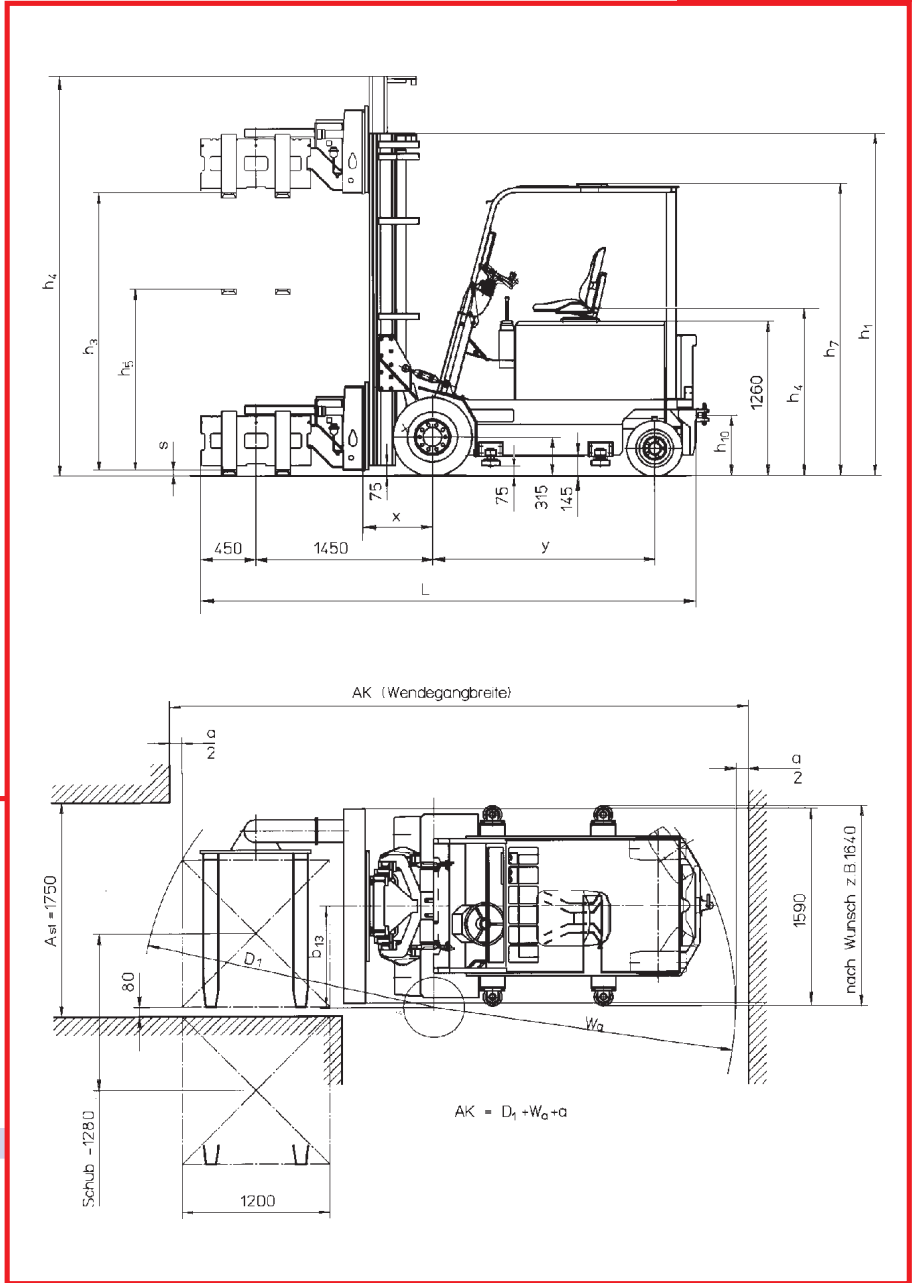




Electric Fork Lift Truck, extra design with swing. sideload. forks, three-phase current technology, electronic, explosion-proof, Zone 1

**EFG**



- EFG 15XES2
- Technical Data

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**MIAG**   
 The specialist in -industrial lift trucks  
 and innovative transport systems

## Technical Data

(in accord. with VDI 2198)

## Electric Fork Lift Truck

### EFG 15XES2 electronic, explosion-proof, three-phase current technology

Explosion-proof, type of protection Ex II 2G IIB 120°, range of application Zone 1 and 2 as per BetrSichV, registered as per PTB-No.03 ATEX D038, conformity declaration PTB 03 ATEX 3079.

#### Description

1.1	Manufacturer (Make [abbreviation])		MIAG			
1.2	Type designation of the manufacturer		EFG 15 XES2			
1.3	Drive Battery, Diesel, Petrol, fuel gas, mains current		Battery			
1.4	Operation Hand, Pedestrian, stand-on, driver-seated		Driver seated			
1.5	Carrying capacity / Load	Q (t)	1,5			
1.6	Load centre	c (mm)	600			
1.8	Load distance, mast lowered	x (mm)	575			
1.9	Wheel base	y (mm)	1820			

#### Weights

2.1	Dead weight	kg	6800			
2.2	Axle load laden front/rear	kg	7370 / 970			
2.3	Axle load unladen front/rear	kg	4630 / 2170			

#### Wheels, Chassis

3.1	Tyres Pneumatic, Solid, Vulcollan		Vulcollan			
3.2	Dimension in front		645 / 300-410			
3.3	Dimension at the rear		457 / 178-308			
3.5	Wheels number front / rear, x=driven		2x / 2			
3.6	Truck width front	$b_{10}$ (mm)	1160			
3.7	Truck width rear	$b_{11}$ (mm)	940			

#### Base dimensions \*\*\*

4.1	Mast tilt /fork carriage, ago / back	Degree	--			
4.2	Height of mast, lowered	$h_1$ (mm)	3650			
4.3	Free lift	$h_2$ (mm)	400			
4.4	Lift at double mast	$h_3$ (mm)	5600			
4.5	Height of mast, raised	$h_4$ (mm)	6435			
4.7	Height above overhead guard (cabin)	$h_6$ (mm)	2390			
4.8	Seat height (seat load)	$h_7$ (mm)	1300			
4.12	Height coupling	$h_{10}$ (mm)	435			
4.19	Length total (without forks)	$l_1$ (mm)	4180			
4.20	Length including shank (retired)	$l_2$ (mm)	--			
4.21	Width total	$b_1 / b_2$ (mm)	--			
4.22	Fork dimensions	$s/e/l$ (mm)	60/130/1200			
4.23	Fork carriage according to DIN 15173 / ISO 2328, A/ B		--			
4.24	Fork carriage width	$b_3$ (mm)	900			
4.31	Ground clearance with load under lifting frame	$m_1$ (mm)	75			
4.32	Ground clearance centre wheel base (lowest point)	$m_2$ (mm)	145			
4.33	Aisle width for pallets 1000x1200 cross	$A_{st}$ (mm)	1750			
4.34	Aisle width for pallets 800x1200 along	$A_{st}$ (mm)	-			
4.35	Turning radius	$W_a$ (mm)	2670			
4.36	min. fulcrum distance	$b_{13}$ (mm)	830			

#### Performance

5.1	Speed travel laden / unladen	km / h	8 / 8,5			
5.2	Speed lift laden / unladen	m / s	0,20 / 0,23			
5.3	Speed lower laden / unladen	m / s	0,5 / 0,54			
5.5	draw-bar pull laden / unladen (outside expl.-proof area)	N	-			
5.6	max. draw-bar pull laden/unladen (outs. expl.-proof area)	N	12000/10000			
5.7	Climbing capacity with / without load	%	5 / 10			
5.8	Max. gradeability laden / unladen	%	--			
5.9	Acceleration period laden / unladen	s	5 / 3			
5.10	Service brake		electrical			

#### E-Motor

6.1	Traction motor, output / 1 hour rating	kW	8			
6.2	Lift motor, output / 1 hour rating	kW	8			
6.3	Battery according to DIN 43531 / 35 / 36, A / B / C, no		no			
6.4	Battery voltage / Capacity $K_s$	V / Ah	80 / 600,720			
6.5	Battery weight	kg	1860			

#### Others

8.1	Motor control type		pulse			
8.2	Working pressure for attachments	bar	max. 200			
8.3	Oil quantity for attachments	l / min	32			
8.4	Sound level at driver's ear to EN12053	dB (A)	64			
8.5	Coupling, Kind / Type DIN		SK3			

\*\* from 3500 mm lift height reduction of carrying capacity to 80 %

\*\*\* with mast design in series, further designs on request

Subject to changes without notice / 01.06.05