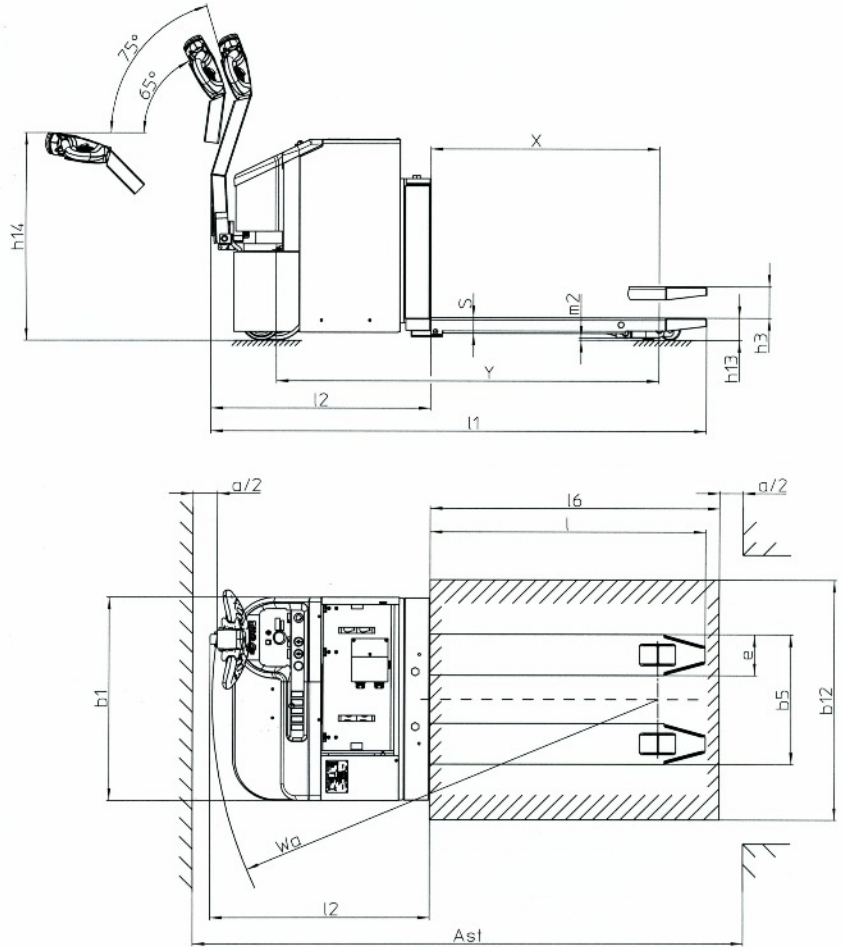




Pedestrian Electric Pallet Truck
 Explosion-proof, three-phase current techn.

EGU



$$A_{st} = W_a + l_g - x + a$$

A_{st} = Aisle width between stacks

a = Safety distance = 200 mm

b_{12} = Pallet width (e.g. 800 or 1000 mm)

l_g = Pallet length (e.g. 1200 mm)

EGU 12-25XE4 /..H2 /..ST
Technical Data

MIAG Fahrzeugbau GmbH
 Kocherstr. 1, 38120 Braunschweig
 Germany
 Fon ++49 (0531) 8 66 01-0
 Fax ++49 (0531) 8 66 01-50
 www.miag.de / info@miag.de



Technical Data

Pedestrian Electric Pallet Truck EGU 12-25XE4/ ..H2/ ..ST

(in accord. with VDI 2198)

explosion-proof, three-phase current technology

Explosion protection: the devices are tested and approved by the Physikalisch Technische Bundesanstalt (PTB) (Physical-Technical Federal Institute) for use in areas at risk of explosion according to the following protection classes***: Gas explosion protection - suitable for use in explosive areas, zones 1 and 2 according to GefStoffV within explosion sub-groups IIA and IIB or IIB + H, and temperature classes T1 to T4; Dust explosion protection: - suitable for use in explosive areas, zones 21 und 22 according to GefStoffV at surface temperatures of maximum 130°C.

Description

1.1	Manufacturer (Make [abbreviation])		MIAG	MIAG	MIAG	MIAG
1.2	Type designation of the manufacturer		EGU 12XE4 ..	EGU 16XE4 ..	EGU 20XE4 ..	EGU 25XE4 ..
1.3	Drive Battery, Diesel, Petrol, fuel gas, mains current		Battery	Battery	Battery	Battery
1.4	Operation Hand, Pedestrian, stand-on, driver-seated		Pedestrian	Pedestrian	Pedestrian	Pedestrian
1.5	Carrying capacity / Load	Q (t)	1,2	1,6	2,0	2,5
1.6	Load centre	c (mm)	600	600	600	600
1.7	Rated tractive power	F (N)	-	-	-	-
1.8	Load distance, mast lowered	x (mm)	945	945	945	945
1.9	Wheel base	y (mm)	1584	1584	1584	1584

Weights

2.1	Dead weight *	kg	1106	1106	1106	1106
2.2	Axle load laden front/rear	kg	1404 / 2262	1404 / 2262	1404 / 2262	1404 / 2262
2.3	Axle load unladen front/rear	kg	846 / 260	846 / 260	846 / 260	846 / 260

Wheels, Chassis

3.1	Tyres Pneumatic, Solid, Vulcollan		Solid / Vul.	Solid / Vul.	Solid / Vul.	Solid / Vul.
3.2	Dimension in front		Ø 250 x 80	Ø 250 x 80	Ø 250 x 80	Ø 250 x 80
3.3	Dimension at the rear		Ø 85 x 76	Ø 85 x 76	Ø 85 x 76	Ø 85 x 76
3.4	Additional wheels (dimensions)		2x Ø 160 x 50	2x Ø 160 x 50	2x Ø 160 x 50	2x Ø 160 x 50
3.5	Wheels number front / rear, x=driven		2, 1x / 4	2, 1x / 4	2, 1x / 4	2, 1x / 4
3.6	Truck width front	b_{10} (mm)	500	500	500	500
3.7	Truck width rear	b_{11} (mm)	370	370	370	370

Grundabmessungen

4.4	Lift	h_3 (mm)	130	130	130	130
4.9	Height of tiller arm (in drive position) min./max.	h_{14} (mm)	864/1200	864/1200	864/1200	864/1200
4.12	Height of tiller arm (in parking position)	h_{15} (mm)	-	-	-	-
4.15	Height lowered	h_{13} (mm)	90	90	90	90
4.19	Length total	l_1 (mm)	2051	2051	2051	2051
4.20	Length including shank	l_2 (mm)	906	906	906	906
4.21	Width total	b_1 (mm)	848	848	848	848
4.22	Fork dimensions	$s/e/l$ (mm)	65/170/1140	65/170/1140	65/170/1140	65/170/1140
4.25	Outside spread of fork arms	b_5 (mm)	540	540	540	540
4.32	Ground clearance centre wheel base (lowest point)	m_2 (mm)	24 / 154	24 / 154	24 / 154	24 / 154
4.33	Aisle width for pallets 1000x1200 cross *	A_{st} (mm)	2322	2322	2322	2322
4.34	Aisle width for pallets 800x1200 along *	A_{st} (mm)	2372	2372	2372	2372
4.35	Turning radius *	W_a (mm)	1916	1916	1916	1916

Performance

5.1	Speed travel laden / unladen	km / h	5,8 / 6,0	5,8 / 6,0	5,8 / 6,0	5,8 / 6,0
5.2	Speed lift laden / unladen	m / s	0,013 / 0,013	0,013 / 0,013	0,013 / 0,013	0,013 / 0,013
5.3	Speed lower laden / unladen	m / s	0,04 / 0,02	0,04 / 0,02	0,04 / 0,02	0,04 / 0,02
5.5	Tractive power laden / unladen (outside expl.-proof area)	N	-	-	-	-
5.6	Max. tractive power laden / unladen (outside expl.-proof area)	N	-	-	-	-
5.7	Climbing capacity with / without load	%	8 / 15	7 / 15	6 / 15	5 / 15
5.8	Max. gradeability laden / unladen	%	-	-	-	-
5.10	Service brake		electrical	electrical	electrical	electrical

E-Motor

6.1	Traction motor, output / 1 hour rating	kW	1,5	1,5	1,5	1,5
6.2	Lift motor, output / 1 hour rating	kW	3,0	3,0	3,0	3,0
6.3	Battery according to DIN 43531/35/36 A, B, C, no		no	no	no	no
6.4	Battery voltage / Capacity K_s	V / Ah	24/240 - 375			
6.5	Battery weight	kg	(175) 216 - 310	(175) 216 - 310	(175) 216 - 310	(175) 216 - 310
6.6						

Others

8.1	Motor control type		frequency conv.	frequency conv.	frequency conv.	frequency conv.

* with battery 24/240

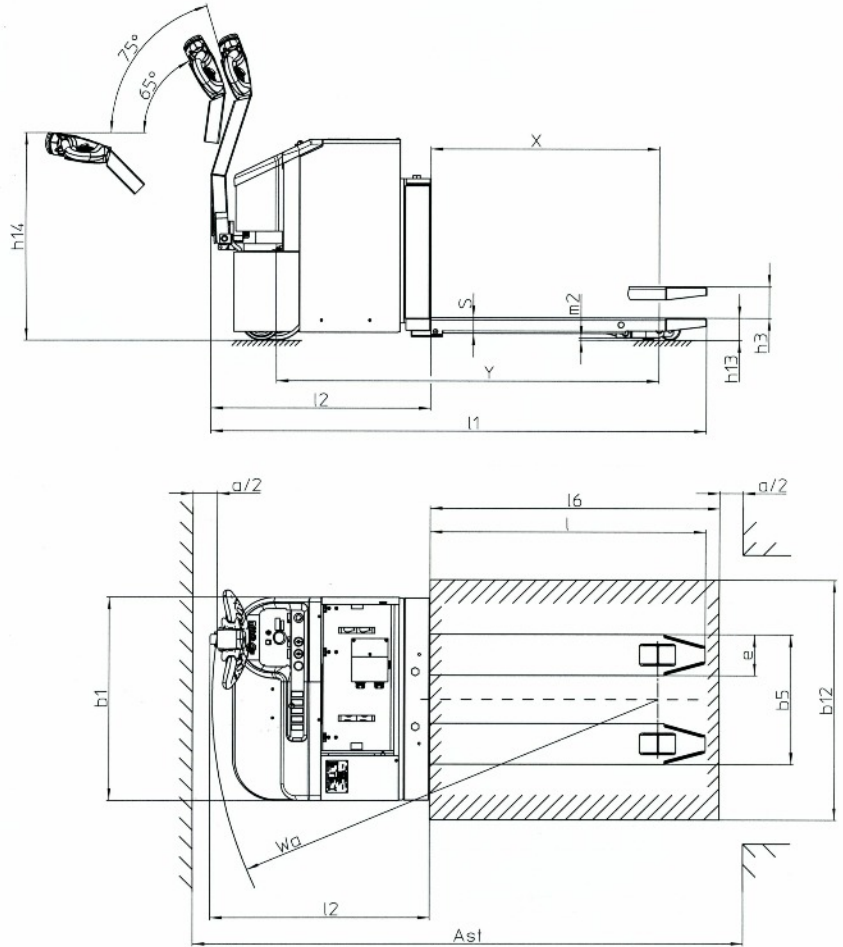
** in accordance with FEM 4.005 dated 1.2005

*** depending on device version



Pedestrian Electric Pallet Truck
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EGU



$$A_{st} = W_a + l_g - x + a$$

A_{st} = Aisle width between stacks

a = Safety distance = 200 mm

b_{12} = Pallet width (e.g. 800 or 1000 mm)

l_g = Pallet length (e.g. 1200 mm)

EGU 30XE4 /..H2 /..ST
Technical Data

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 Germany
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Technical Data

Pedestrian Electric Pallet Truck EGU 30XE4/ ..H2/ ..ST

(in accord. with VDI 2198)

explosion-proof, three-phase current technology

Explosion protection: the devices are tested and approved by the Physikalisch Technische Bundesanstalt (PTB) (Physical-Technical Federal Institute) for use in areas at risk of explosion according to the following protection classes***: Gas explosion protection - suitable for use in explosive areas, zones 1 and 2 according to GefStoffV within explosion sub-groups IIA and IIB or IIB + H, and temperature classes T1 to T4; Dust explosion protection: - suitable for use in explosive areas, zones 21 und 22 according to GefStoffV at surface temperatures of maximum 130°C.

Description

1.1	Manufacturer (Make [abbreviation])		MIAG			
1.2	Type designation of the manufacturer		EGU 30XE4 ..			
1.3	Drive Battery, Diesel, Petrol, fuel gas, mains current		Battery			
1.4	Operation Hand, Pedestrian, stand-on, driver-seated		Pedestrian			
1.5	Carrying capacity / Load	Q (t)	3,0			
1.6	Load centre	c (mm)	600			
1.7	Rated tractive power	F (N)	-			
1.8	Load distance, mast lowered	x (mm)	945			
1.9	Wheel base	y (mm)	1584			

Weights

2.1	Dead weight *	kg	1106			
2.2	Axle load laden front/rear	kg	1404 / 2262			
2.3	Axle load unladen front/rear	kg	846 / 260			

Wheels, Chassis

3.1	Tyres Pneumatic, Solid, Vulcollan		Solid / Vul.			
3.2	Dimension in front		Ø 250 x 80			
3.3	Dimension at the rear		Ø 85 x 76			
3.4	Additional wheels (dimensions)		2x Ø 160 x 50			
3.5	Wheels number front / rear, x=driven		2, 1x / 4			
3.6	Truck width front	b_{10} (mm)	500			
3.7	Truck width rear	b_{11} (mm)	370			

Grundabmessungen

4.4	Lift	h_3 (mm)	130			
4.9	Height of tiller arm (in drive position) min./max.	h_{14} (mm)	864/1200			
4.12	Height of tiller arm (in parking position)	h_{15} (mm)	-			
4.15	Height lowered	h_{13} (mm)	90			
4.19	Length total	l_1 (mm)	2051			
4.20	Length including shank	l_2 (mm)	906			
4.21	Width total	b_1 (mm)	848			
4.22	Fork dimensions	$s/e/l$ (mm)	65/170/1140			
4.25	Outside spread of fork arms	b_5 (mm)	540			
4.32	Ground clearance centre wheel base (lowest point)	m_2 (mm)	24 / 154			
4.33	Aisle width for pallets 1000x1200 cross *	A_{st} (mm)	2322			
4.34	Aisle width for pallets 800x1200 along *	A_{st} (mm)	2372			
4.35	Turning radius *	W_a (mm)	1916			

Performance

5.1	Speed travel laden / unladen	km / h	5,8 / 6,0			
5.2	Speed lift laden / unladen	m / s	0,013 / 0,013			
5.3	Speed lower laden / unladen	m / s	0,04 / 0,02			
5.5	Tractive power laden / unladen (outside expl.-proof area)	N	-			
5.6	Max. tractive power laden / unladen (outside expl.-proof area)	N	-			
5.7	Climbing capacity with / without load	%	4 / 15			
5.8	Max. gradeability laden / unladen	%	-			
5.10	Service brake		electrical			

E-Motor

6.1	Traction motor, output / 1 hour rating	kW	1,5			
6.2	Lift motor, output / 1 hour rating	kW	3,0			
6.3	Battery according to DIN 43531/35/36 A, B, C, no		no			
6.4	Battery voltage / Capacity K_s	V / Ah	24/240 - 375			
6.5	Battery weight	kg	(175) 216 - 310			
6.6						

Others

8.1	Motor control type		frequency conv.			

* with battery 24/240

** in accordance with FEM 4.005 dated 1.2005

*** depending on device version