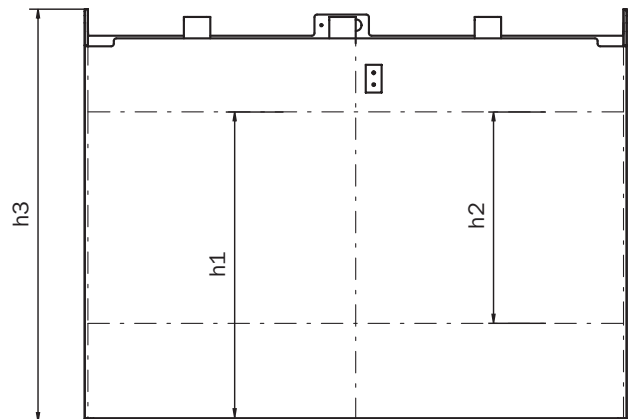
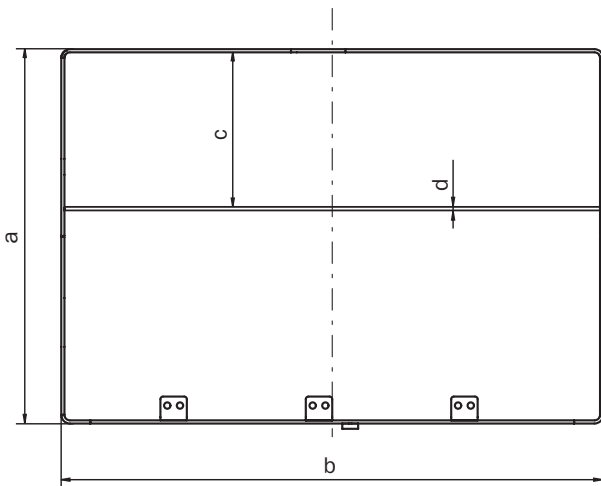


# CHARACTERISTICS

## BATTERY

	COMPARTMENT DIMENSIONS (MM)							BATTERY TYPE	BATTERY CAPACITY	WEIGHT OF BATTERY + COMPARTMENT	
	a	b	c	d	h1	h2	h3				
ME 425	570	1028	280	4	580	400	780	EXIDE FULMEN	STANDARD	48V-320A-700Ah	1154 kg
									HIGH CAPACITY	48V-320A-775Ah	1174 kg
								HOPPECKE	STANDARD	48V-320A-700Ah	1155 kg
									HIGH CAPACITY	48V-320A-775Ah	1155 kg
								MIDAC	STANDARD	48V-320A-700Ah	1160 kg
									HIGH CAPACITY	48V-320A-775Ah	1207 kg
HAWKER	STANDARD	48V-320A-700Ah	1162 kg								
	HIGH CAPACITY	48V-320A-775Ah	1187 kg								
ME 430	710	1028	296	4	580	400	780	EXIDE FULMEN	STANDARD	80V-320A-500Ah	1284 kg
									HIGH CAPACITY	80V-320A-560Ah	1528 kg
								HOPPECKE	STANDARD	80V-320A-560Ah	1483 kg
									HIGH CAPACITY	80V-320A-620Ah	1483 kg
								MIDAC	STANDARD	80V-320A-560Ah	1580 kg
									HIGH CAPACITY	80V-320A-620Ah	1607 kg
HAWKER	STANDARD	80V-320A-560Ah	1480 kg								
	HIGH CAPACITY	80V-320A-620Ah	1572 kg								



## **TRANSMISSION ELECTRIC MOTOR**

---

- Type	<b>DANAHER</b>
- Number	1
- Control	By electronic speed controller
- Rated power	
<b>ME 425</b>	10,5 kW
<b>ME 430</b>	10,6 kW
- Rated current	181 A
- Rated voltage	V
- Rated speed	rpm

## **TRANSMISSION**

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- Type	<b>HDCS20</b>
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## **TRANSMISSION (CONTROL)**

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- Type	<b>DANAHER</b>
- Reversing gear	Electronic
. Number of forward speeds	1
. Number of reverse speeds	1
- Speed limiter (slow/fast)	Electric

## **BRAKE**

---

- Service brake	Foot pedal. Hydraulic brake, applied on the front wheels.
. Type	Drum.
- Parking brake	Mechanical hand lever applied on the front wheels.
. Type	Drum.

## **HYDRAULIC PUMP ELECTRIC MOTOR**

---

- Type	<b>DANAHER</b>
- Rated power	
<b>ME 425</b>	11 kw
<b>ME 430</b>	12,8 kw
- Rated current	A
- Rated voltage	48 V
- Rated speed	1774 rpm
- Max. speed	rpm

## FRONT TYRES

DIMENSIONS	PRESSURE	TYRE LOAD		PRESSURE ON THE CONTACT SURFACE		AREA OF THE CONTACT SURFACE	
				HARD GROUND	LIGHT GROUND	HARD GROUND	LIGHT GROUND
<b>23 X 9 - 10 EUROSOFT W.P.</b>	<b>SOLID</b>	FRONT UNLADEN	KG	KG/CM2		CM2	
		FRONT LADEN	KG	KG/CM2		CM2	

## REAR TYRES

DIMENSIONS	PRESSURE	TYRE LOAD		PRESSURE ON THE CONTACT SURFACE		AREA OF THE CONTACT SURFACE	
				HARD GROUND	LIGHT GROUND	HARD GROUND	LIGHT GROUND
<b>18 X 7 - 8 EUROSOFT W.P.</b>	<b>SOLID</b>	AFRONT UNLADEN	KG	KG/CM2		CM2	
		FRONT LADEN	KG	KG/CM2		CM2	

## HYDRAULIC CIRCUIT

- Type of pump	Gear pump
. Capacity	cm <sup>3</sup>
. Flow rate at full speed	L/mn
- Pressure	
. Lifting, tilting, attachment circuit	Bar
. Steering circuit	Bar
- Filtration	
. Return	µm
. Suction	µm

## SPECIFICATIONS

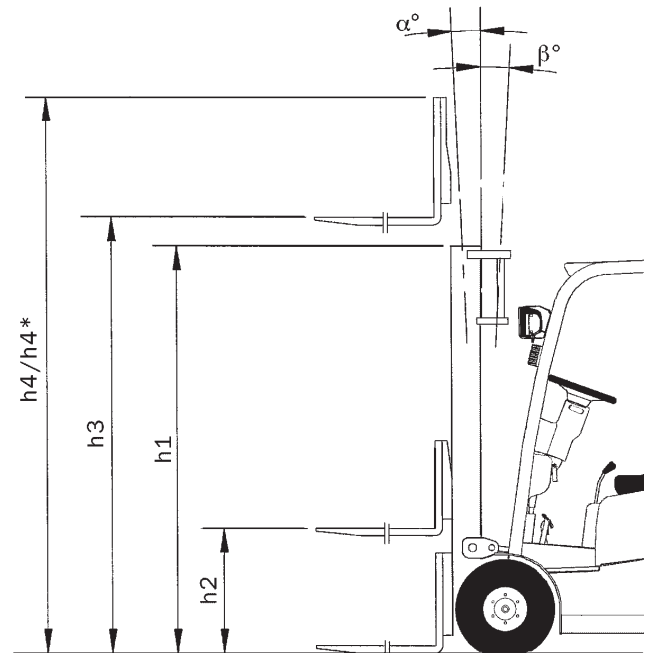
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- Level of sound pressure in the driver's cab LpA (according to standard prEN 12053: 1995)	70 dB
- Level of sound power in the LwA environment (according to directive 2000/14 CE guaranteed)	86 dB
- Speed of movement of lift truck in standard configuration on horizontal ground (except particular conditions)	
. Forward unladen	14 km/h
. Reverse unladen	14 km/h
- Standard lift height	3300 mm
- Rated capacity with standard mast	3000 kg
- Load center	500 mm
- Weight of forks (each)	71 kg
- Lifting motions with standard mast	
. Unladen lifting	0,25 m/s
. Rated load lifting	0,4 m/s
. Unladen lowering	m/s
. Rated load lowering	m/s
- Lift truck weight with standard mast	
. Unladen	5400 kg
. Rated load	8400 kg
- Axle weight with standard mast (transport position)	
. Front unladen	kg
rated load	kg
. Rear unladen	kg
rated load	kg
- Tensile strain at coupling hook	
. Unladen	daN
. Rated load	daN

DOUBLE MAST WITH ALL-ROUND VISION						
MAST	h3	$\alpha$	$\beta$	h2	h1	h4
2m50	2500	5°	10°	145	1786	3652
2m70	2700	5°	10°	145	1886	3852
3m00	3000	5°	10°	145	2036	4152
3m30	3300	5°	10°	145	2186	4452
3m50	3500	5°	10°	145	2286	4652
3m60	3600	5°	10°	145	2336	4752
4m00	4000	5°	6/10°	145	2586	5152
4m30	4300	5°	6°	145	2751	5452
4m50	4500	5°	6°	145	2861	5652
4m80	4800	5°	6°	145	3026	5952
5m00	5000	5/3°	6°	145	3136	6152

DOUBLE MAST WITH TOTAL FREE-ACTING LIFT							
MAST	h3	$\alpha$	$\beta$	h2	h1	h4	h4*
2m50	2500	5°	10°	1089	1826	3652	3247
2m70	2700	5°	10°	1189	1926	3852	3447
3m00	3000	5°	10°	1299	2036	4152	3747
3m30	3300	5°	10°	1449	2186	4452	4047

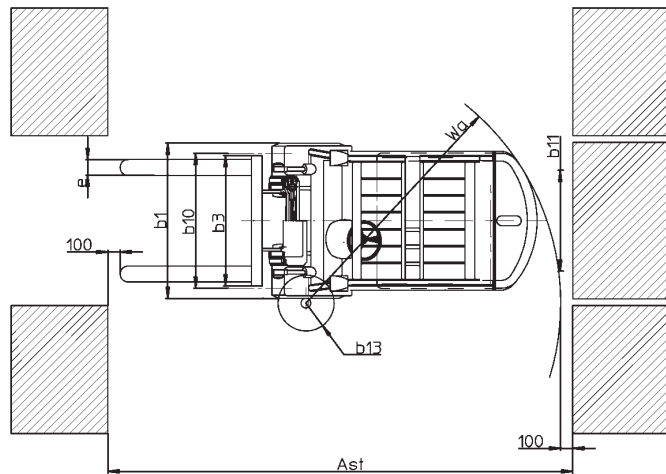
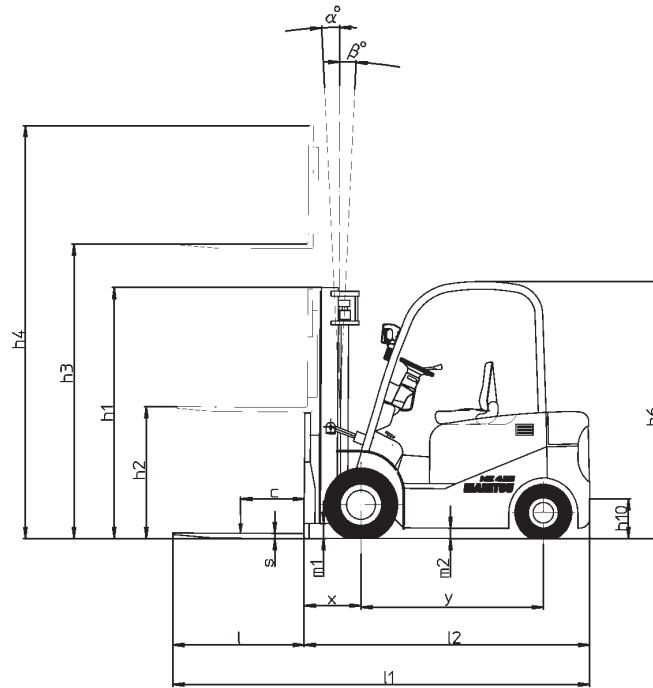
TRIPLE MAST WITH TOTAL FREE-ACTING LIFT							
MAST	h3	$\alpha$	$\beta$	h2	h1	h4	h4*
4m30	4300	5°	6°	1268	2041	5452	5083
4m50	4500	5°	6°	1348	2121	5652	5283
4m80	4800	5°	6°	1448	2221	5952	5583
5m00	5000	5/3°	6°	1514	2287	6152	5783
5m50	5500	3°	6°	1878	2451	6652	6283
6m00	6000	3°	6°	1844	2617	7152	6783



- h3 : Lift height in mm
- $\alpha$  : Forward tilting
- $\beta$  : Backward tilting
- h2 : Free-acting lift in mm
- h1 : Overall height with folded mast in mm
- h4 : Overall height with spreaded out mast in mm with load back rest
- h4\* : Overall height with spreaded out mast in mm without load back rest

(WITH STANDARD MAST)

<b>Ast</b>	4170 mm
<b>b1</b>	1260 mm
<b>b3</b>	1060 mm
<b>b10</b>	1058 mm
<b>b11</b>	960 mm
<b>c</b>	500 mm
<b>e</b>	130 mm
<b>h1</b>	2186 mm
<b>h2</b>	145 mm
<b>h3</b>	3300 mm
<b>h4</b>	4452 mm
<b>h6</b>	2165 mm
<b>h10</b>	255 mm
<b>l</b>	1070 mm
<b>l1</b>	3560 mm
<b>l2</b>	2490 mm
<b>m1</b>	102 mm
<b>m2</b>	125 mm
<b>Q</b>	3000 kg
<b>s</b>	45 mm
<b>Wa</b>	2230 mm
<b>x</b>	475 mm
<b>y</b>	1625 mm
<b>α</b>	5 °
<b>β</b>	10 °



RATED CAPACITY ▶	CAPACITE NOMINALE RATED CAPACITY NENNKAPAZITÄT CAPACIDAD NOMINAL CAPACITÀ NOMINALE	<b>3000</b> kg								
ACTUAL CAPACITIES (according to standard EN 1726-1) ▶	CAPACITES EFFECTIVES ACTUAL CAPACITIES EFFEKTIVE KAPAZITÄT CAPACIDAD EFECTIVA CAPACITÀ EFFETTIVA	SUIVANT NORME EN 1726-1 (ISO 1074)								
1 - Up to height of ▶	1 - Jusqu'à hauteur de levée Up to height of Bis zur Hubhöhe Hasta altura de elevación Sinó ad altezza di sollevamento	- mm								
2 - For maximum height of ▶	2 - Pour hauteur maximale de For maximum height of Für maximale Höhe Para altura máxima de Per altezza massima di	<b>3300</b> mm								
VERTICAL MAST ▶	MAT VERTICAL VERTICAL MAST VERTIKALER MAST MASTIL VERTICAL RAMPÀ VERTICALE	<table border="1"> <tr> <td>1</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td><b>3000</b></td> <td><b>2720</b></td> <td><b>1857</b></td> </tr> </table>	1	-	-	-	2	<b>3000</b>	<b>2720</b>	<b>1857</b>
1	-	-	-							
2	<b>3000</b>	<b>2720</b>	<b>1857</b>							
ATTACHMENT ▶	EQUIPEMENT ATTACHMENT ZUBEHÖR EQUIPO ATTREZZATURA	- - -								
ACTUAL CAPACITIES ▶	CAPACITES EFFECTIVES ACTUAL CAPACITIES EFFEKTIVE KAPAZITÄT CAPACIDAD EFECTIVA CAPACITÀ EFFETTIVA	<table border="1"> <tr> <td>1</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>-</td> </tr> </table>	1	-	-	-	2	-	-	-
1	-	-	-							
2	-	-	-							
		<table border="1"> <tr> <td>D : mm</td> <td><b>500</b></td> <td><b>600</b></td> <td><b>1100</b></td> </tr> </table>	D : mm	<b>500</b>	<b>600</b>	<b>1100</b>				
D : mm	<b>500</b>	<b>600</b>	<b>1100</b>							
		n°: 258214								