



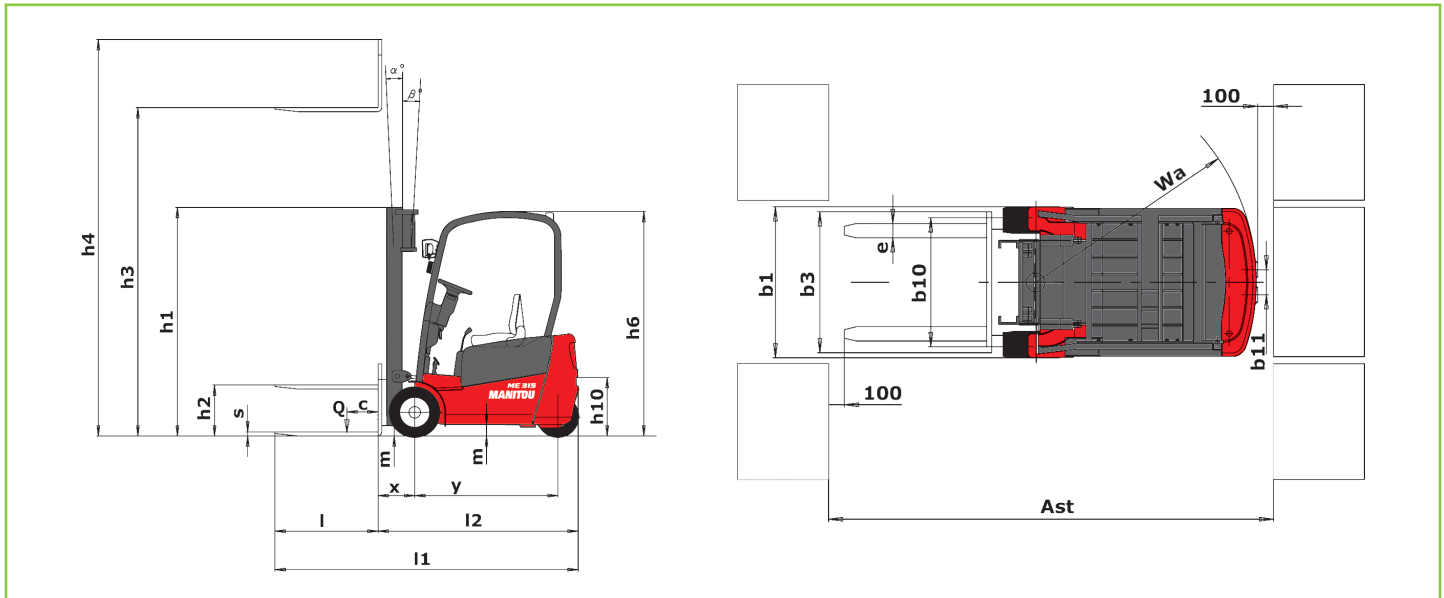
 **MANITOU**



				MANITOU	MANITOU	MANITOU	MANITOU
				ME315	ME316	ME318	ME320
		Q	t	1,5	1,6	1,8	2,0
		c	mm	500	500	500	500
		x	mm	400 ¹⁾	400 ¹⁾	400 ¹⁾	400 ¹⁾
		y	mm	1250	1358	1358	1465
			kg	3050	3070	3090	3440
			kg	3993/557	4155/515	4305/585	4893/547
			kg	1400/1650	1565/1505	1668/1422	1662/1778
				18 x 7 - 8	18 x 7 - 8	18 x 7 - 8	200/50-10
				15 x 4,5 - 8	15 x 4,5 - 8	15 x 4,5 - 8	15 x 4,5 - 8
				2x2	2x2	2x2	2x2
		b10	mm	902	902	902	902
		b11	mm	175	175	175	175
		α / β		6,5/6,5	6,5/6,5	6,5/6,5	6,5/6,5
		h1	mm	1995	1995	1995	1995
		h2	mm	145	145	145	145
		h3	mm	3000 ²⁾	3000 ²⁾	3000 ²⁾	3000 ²⁾
		h4	mm	3565	3565	3565	3565
		h6	mm	2020	2020	2020	2020
		h10	mm	473	473	473	473
		l1	mm	2862	2970	2970	3082
		l2	mm	1792	1900	1900	2012
		b1	mm	1060	1060	1060	1060
		s / e / l	mm	35 / 100 / 1070	35 / 100 / 1070	40 / 100 / 1070	40 / 100 / 1070
				FEM2A	FEM2A	FEM2A	FEM2A
		b3	mm	1000	1000	1000	1000
		m1	mm	100	100	100	100
		m2	mm	90	90	90	90
		Ast	mm	3161	3271	3271	3380
		Ast	mm	3260	3370	3370	3480
		Wa	mm	1440	1550	1550	1658
		b13	mm	0	0	0	0
			km/h	13 / 14	13 / 14	12,5/14	12,5/14
			m/s	0.29 / 0.44	0.28 / 0.44	0,27/0,43	0,25/0,4
			m/s	0,43/0,42	0,44/0,43	0,45/0,43	0,47/0,46
			N	7000/7250	7500/7720	8000/8300	9000/9300
			%	14/15	13/14	13/14	11/12
			kW	2 x 4.5	2 x 4.5	2 x 4.5	2 x 4.5
			kW	8.6	8.6	8.6	8.6
				DIN 45531 A	DIN 45531 A	DIN 45531 A	DIN 45531 A
			V / Ah	48 / 440	48 / 550	48 / 575	48 / 690
			bar	145	145	145	145
			l/min	65	65	65	65
			dB	71	72	72	72

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ME315 - 316 - 318 - 320			DVT27	DVT30	DVT33	DVT36	DVT40	DVT43	DVT45
h3*		mm	2700	3000	3300	3500	3600	4000	4500
h1		mm	1845	1995	2145	2295	2545	2710	2820
h2		mm	145	145	145	145	145	145	145
h4		mm	3645	3945	4245	4545	4945	5245	5445
1,5T		kg	1500	1500	1500	1500	1500	1400	1300
1,6T		kg	1600	1600	1600	1600	1600	1500	1400
1,8T		kg	1800	1800	1800	1800	1800	1700	1600
2,0T		kg	2000	2000	2000	2000	2000	1900	1800
		°	5,5/6,5	5,5/6,5	5,5/6,5	5,5/6,5	3,5/5	3,5/5	3,5/5
		mm	400	400	400	400	400	400	400

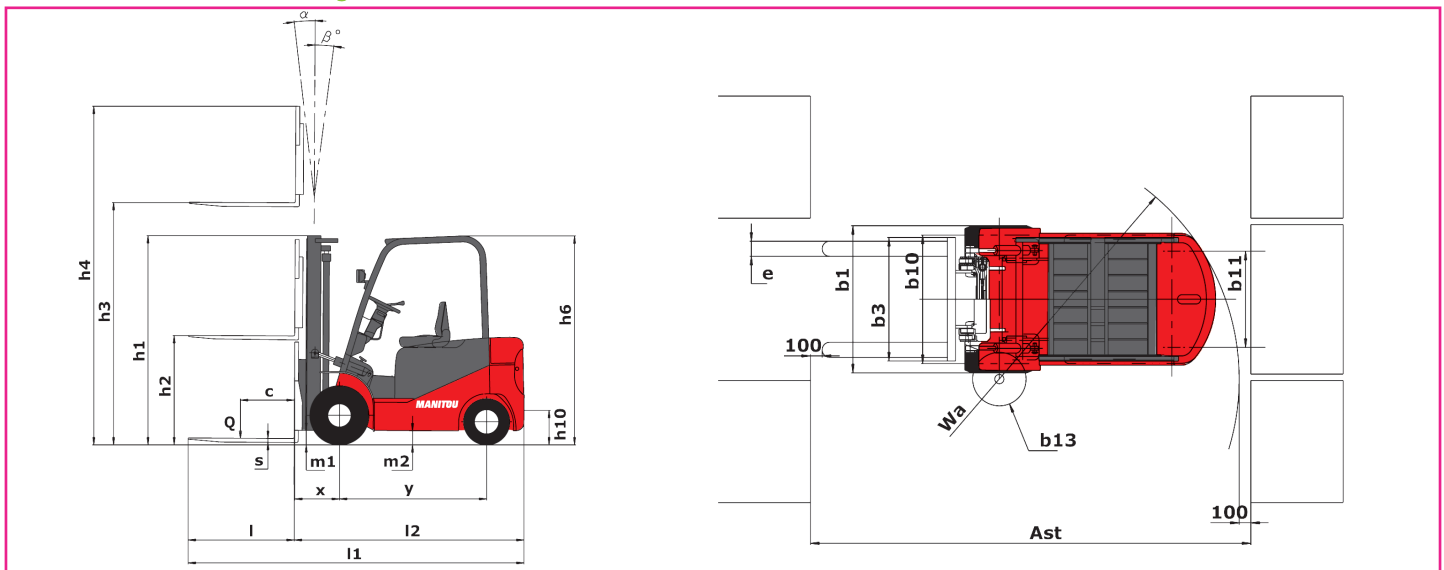
ME315 - 316 - 318 - 320			DLL27	DLL30	DLL33	TLL40	TLL43	TLL45	TLL48	TLL50	TLL55	TLL60
h3*		mm	2700	3000	3300	4000	4300	4500	4800	5000	5500	6000
h1		mm	1845	1995	2145	1910	2010	2075	2175	2240	2410	2625
h2		mm	1260	1410	1560	1325	1425	1490	1590	1655	1825	2010
h4		mm	3295	3595	3895	4595	4895	5095	5395	5595	6095	6625
1,5T		kg	1500	1500	1500	1400	1400	1300	1200	1150	1050	950
1,6T		kg	1600	1600	1600	1500	1500	1400	1300	1250	1150	1050
1,8T		kg	1800	1800	1800	1700	1700	1600	1500	1450	1200	1100
2,0T		kg	2000	2000	2000	1900	1900	1800	1550	1500	1300	1200
		°	6/6	6/6	6/6	3,5/5	3,5/5	3,5/5	3,5/5	3,5/5	3,5/5	3,5/5
		mm	419	419	419	430	430	430	430	430	430	430



					MANITOU	MANITOU	MANITOU
					ME418	ME420	ME425 C
			Q	t	1,8	2	2,5
			c	mm	500	500	500
			x	mm	406 ¹⁾	448 ¹⁾	448 ¹⁾
			y	mm	1380	1485	1485
				kg	3620	3860	4240
				kg	4766/654	5157/703	6044/696
				kg	1933/1687	1698/2162	1917/2323
					21x 8-9	23x 9-10	23x 9-10
					5.00-8	18x 7-8	18x 7-8
					2x/2	2x/2	2x/2
			b10	mm	938	1058	1058
			b11	mm	897	960	960
			α / β		5/10	5/10	5/10
			h1	mm	1975	2005	2005
			h2	mm	145	140	140
			h3	mm	3000 ²⁾	3000 ²⁾	3000 ²⁾
			h4	mm	3565	3650	3650
			h6	mm	2145	2170	2170
			h10	mm	275	303	303
			l1	mm	3185	3345	3475
			l2	mm	2115	2275	2325
			b1	mm	1138	1265	1265
			s / e / l	mm	35x100x1070	40x100x1070	40x122x1150
					FEM2A	FEM2A	FEM2A
			b3	mm	1000	1038	1038
			m1	mm	81	91	91
			m2	mm	110	120	120
			Ast	mm	3591	3720	3911
			Ast	mm	3690	3820	4010
			Wa	mm	1815	2040	2090
			b13	mm	111	98	98
				km/h	13/14	13/14	12,5/14
				m/s	0,29/0,41	0,29/0,42	0,28/0,43
				m/s	0,47/0,43	0,47/0,44	0,42/0,43
				N	9500/11000	12000/12500	16000/17000
				%	13/14	13/14	13/14
				kW	6,8	9,1	9,1
				kW	8,6	8,6	8,6
					DIN 45531 A	DIN 45531 B	DIN 45531 B
				V / Ah	48/420	48/700	48/700
				bar	145	175	175
				l/min	65	65	65
				dB	71	71	72

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ME 418			DVT27	DVT30	DVT33	DVT36	DVT40	DVT43	DVT45	DLL27	DLL30	DLL33
h3*		mm	2700	3000	3300	3500	3600	4000	4500	2700	3000	3300
h1		mm	1825	1975	2125	2325	2575	2725	2825	1825	1975	2125
h2		mm	145	145	145	145	145	145	145	1240	1390	1540
h4		mm	3265	3565	3865	4165	4565	4865	5065	3295	3595	3895
1,8T		kg	1800	1800	1800	1750	1650	1600	1500	1800	1750	1700
		°	5/6	5/10	5/10	5/10	5/10	5/6	5/6	5/6	5/10	5/10
		mm	451	451	451	451	451	451	451	473	473	473

ME 418			DLL36	DLL40	TLL40	TLL43	TLL45	TLL48	TLL50	TLL55	TLL60
h3*		mm	3600	40000	4000	4300	4500	4800	5000	5500	6000
h1		mm	2275	2525	1975	2075	2085	2200	2250	2425	2650
h2		mm	1690	1940	1250	1350	1500	1600	1665	1840	2000
h4		mm	4195	4595	4735	5035	5105	5410	5595	6095	6660
1,8T		kg	1550	1450	1550	1500	1450	1400	1300	1200	1100
		°	5/10	5/10	5/6	5/6	5/6	5/6	5/6	3/6	3/6
		mm	473	473	490	490	490	490	490	490	490

ME 420 - 425C			DVT27	DVT30	DVT33	DVT36	DVT40	DVT43	DVT45	DLL27	DLL30	DLL33
h3*		mm	2700	3000	3300	3500	3600	4000	4500	2700	3000	3300
h1		mm	1855	2005	2170	2305	2555	2730	2830	1866	1980	2130
h2		mm	140	140	140	140	140	140	140	1250	1350	1500
h4		mm	3350	3650	3980	4250	4650	4970	5150	3370	3635	3970
2,0T		kg	2000	2000	2000	2000	2000	1800	1700	2000	2000	2000
2,5T		kg	2500	2500	2500	2500	2500	2400	2300	2500	2500	2500
		°	5/10	5/10	5/10	5/10	5/10	5/6	5/6	5/10	5/10	5/10
		mm	483	483	483	483	483	483	483	483	483	483

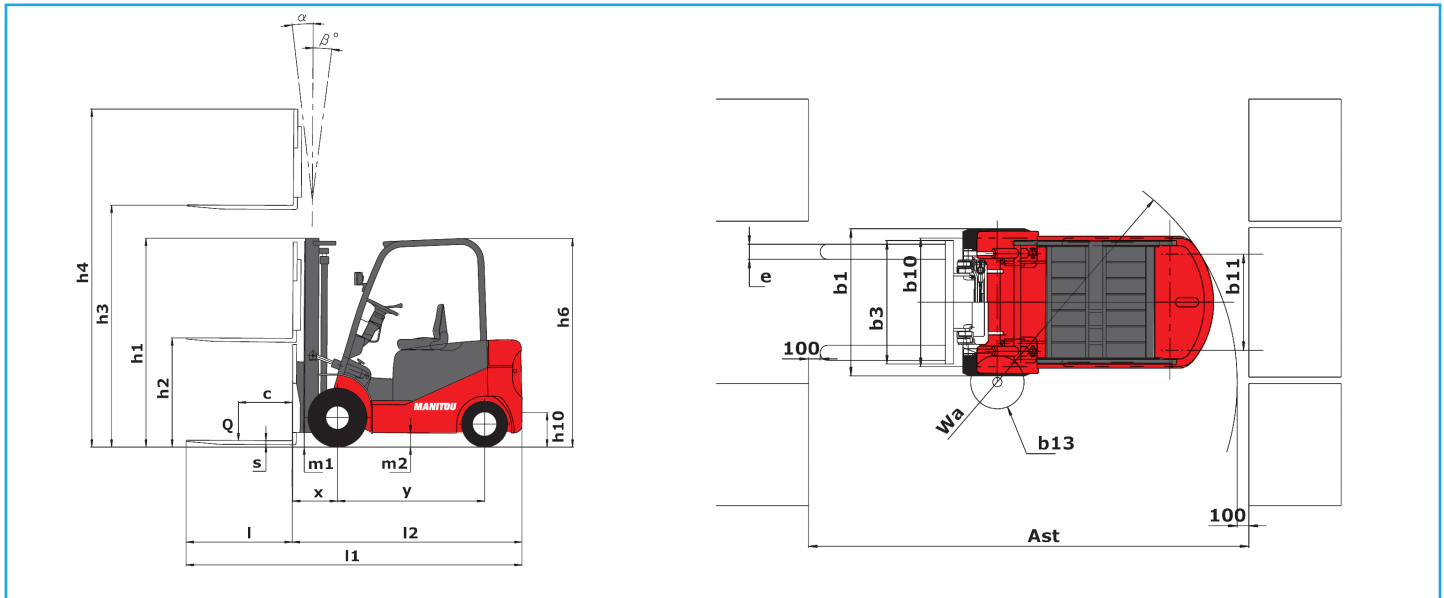
ME 420 - 425C			DLL36	DLL40	TLL40	TLL43	TLL45	TLL48	TLL50	TLL55	TLL60
h3*		mm	3600	40000	4000	4300	4500	4800	5000	5500	6000
h1		mm	2280	2530	1925	2025	2095	2195	2260	2425	2645
h2		mm	1650	1900	1255	1355	1425	1525	1590	1755	1975
h4		mm	4270	4635	4680	4980	5230	5480	5680	6180	6690
2,0T		kg	2000	2000	1950	1900	1800	1600	1400	1400	900
2,5T		kg	2500	2500	2450	2400	2300	2100	1900	1900	1220
		°	5/10	5/10	5/6	5/6	5/6	5/6	5/6	3/6	3/6
		mm	483	483	496	496	496	496	496	496	496



				MANITOU	MANITOU
				ME425	ME430
		Q	t	2,5	3,0
		c	mm	500	500
		x	mm	483 ¹⁾	507 ¹⁾
		y	mm	1625	1625
			kg	4440	5050
			kg	6185/755	7160/890
			kg	2070/2370	2424/2626
				23x 9-10	23x 9-10
				18x 7-8	18x 7-8
				2x2	2x2
		b10	mm	1058	1058
		b11	mm	960	960
		α / β		5/10	5/10
		h1	mm	2005	2035
		h2	mm	140	145
		h3	mm	3000 ²⁾	3000 ²⁾
		h4	mm	3650	3715
		h6	mm	2170	2170
		h10	mm	303	303
		l1	mm	3615	3640
		l2	mm	2465	2490
		b1	mm	1265	1265
		s / e / l	mm	40x122x1150	45x122x1150
				FEM2A	FEM3A
		b3	mm	1038	1100
		m1	mm	91	91
		m2	mm	120	125
		Ast	mm	4010	4071
		Ast	mm	4135	4170
		Wa	mm	2230	2230
		b13	mm	98	98
			km/h	13/14,5	13/14,5
			m/s	0,28/0,44	0,26/0,38
			m/s	0,42/0,43	0,46/0,42
			N	20000/21000	20000/21000
			%	13/14	13/14
			kW	11,75	11,75
			kW	11	11
				DIN 43536 A	DIN 43536 A
			V / Ah	80/560	80/560
			bar	175	175
			l/min	65	65
			dB	72	73

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ME 425			DVT30	DVT33	DVT36	DVT40	DVT43	DVT45	DLL30	DLL33
h3*		mm	3000	3300	3500	3600	4000	4500	3000	3300
h1		mm	2005	2170	2305	2555	2730	2830	1980	2130
h2		mm	140	140	140	140	140	140	1350	1500
h4		mm	3650	3980	4250	4650	4970	5150	3635	3970
2,5T		kg	2500	2500	2500	2500	2400	2300	2500	2500
		°	5/10	5/10	5/10	5/10	5/6	5/6	5/10	5/10
		mm	483	483	483	483	483	483	493	493

ME 425			DLL36	DLL40	TLL40	TLL43	TLL48	TLL50	TLL55	TLL60
h3*		mm	3600	4000	4000	4300	4800	5000	5500	6000
h1		mm	2280	2530	1925	2025	2195	2260	2425	2645
h2		mm	1650	1900	1255	1355	1525	1590	1755	1975
h4		mm	4270	4635	4680	4980	5480	5680	6180	6690
2,5T		kg	2500	2500	2450	2400	2100	1900	1900	1220
		°	5/10	5/10	5/6	5/6	5/6	5/6	3/6	3/6
		mm	493	493	510	510	510	510	510	510

ME 430			DVT30	DVT33	DVT36	DVT40	DVT43	DVT45	DLL30	DLL33
h3*		mm	3000	3300	3600	4000	4300	4500	3000	3300
h1		mm	2035	2185	2335	2585	2760	2860	2035	2185
h2		mm	145	145	145	145	145	145	1325	1475
h4		mm	3715	4015	4315	4715	5035	5215	3720	4020
3,0T		kg	3000	3000	3000	3000	2950	2860	3000	3000
		°	5/10	5/10	5/10	5/10	5/6	5/6	5/10	5/10
		mm	507	507	507	507	507	507	507	507

ME 430			DLL36	DLL40	TLL40	TLL43	TLL48	TLL50	TLL55	TLL60
h3*		mm	3600	4000	4000	4300	4800	5000	5500	6000
h1		mm	2335	2535	2005	2105	2275	2340	2505	2725
h2		mm	1625	1825	1230	1330	1500	1570	1730	1950
h4		mm	4320	4720	4780	5080	5580	5780	6280	6780
3,0T		kg	2950	2900	2900	2750	2500	2500	1850	1680
		°	5/10	5/10	5/6	5/6	5/6	5/6	3/6	3/6
		mm	507	507	517	517	517	517	517	517

