

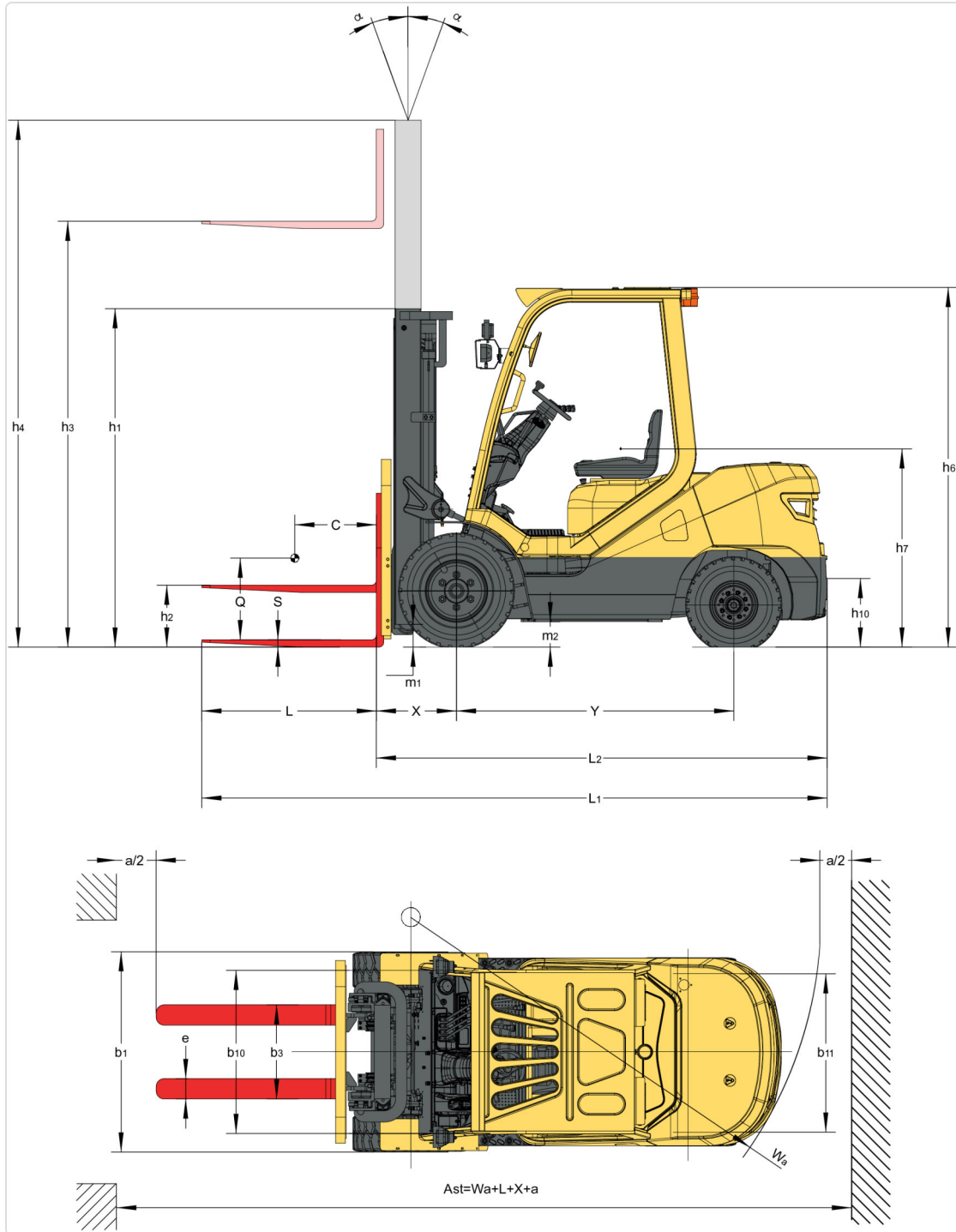


J40-70XTLG SERIES

HYSTER

INTEGRATED LITHIUM-ION COUNTERBALANCE FORKLIFT

TECHNICAL SPECIFICATIONS



TECHNICAL DATA

SPECIFICATIONS TABLE - J40-50XTLG

Description	1.2 Model	J40XTLG 115V	J40XTLG 154V	J50XTLG 115V	J50XTLG 154V
Distinguishing Mark					
1.1 Manufacturer					
1.3 Drive	Manufacturer	Hyster	Hyster	Hyster	Hyster
1.4 Operator Type	Drive	Electric	Electric	Electric	Electric
1.5 Rated Capacity/Rated Load	Operator Type	Seated	Seated	Seated	Seated
1.6 Load Center Distance	Rated Capacity/Rated Load	4000 (2000)	4000 (2000)	5000 (2500)	5000 (2500)
1.8 Load Distance, Center Of Drive Axle To Fork	Load Center Distance	24 (610)	24 (610)	24 (610)	24 (610)
1.9 Wheelbase	Load Distance, Center Of Drive Axle To Fork	18.74 (476)	18.74 (476)	18.74 (476)	18.74 (476)
2.1 Service Weight	Wheelbase	63 (1600)	63 (1600)	63 (1600)	63 (1600)
2.2 Axle Loading, Laden Front/Rear	Service Weight	7835 (3554)	8093 (3671)	8408 (3814)	8666 (3931)
2.3 Axle Loading, Unladen Front/Rear	Axle Loading, Laden Front/Rear	10800/1444 (4899/655)	11030/1473 (5003/668)	12777/1642 (5669/745)	12507/1671 (5673/758)
3.1 Tires Front/Rear	Axle Loading, Unladen Front/Rear	3020/4815 (1370/2184)	3108/4865 (1410/2261)	3274/5135 (1465/2293)	3373/5293 (1530/2401)
3.2 Tire Size, Front	Tires Front/Rear	pneumatic	pneumatic	pneumatic	pneumatic
3.3 Tire Size, Rear	Tire Size, Front	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
3.5 Wheels, Number Front/Rear	Tire Size, Rear	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
3.6 Tread, Front	Wheels, Number Front/Rear	2x/2	2x/2	2x/2	2x/2
3.7 Tread, Rear	Tread, Front	38.2 (970)	38.2 (970)	38.2 (970)	38.2 (970)
4.1 Tilt Of Mast/Fork Carriage, Forward/Backward	Tread, Rear	38.6 (980)	38.6 (980)	38.6 (980)	38.6 (980)
4.2 Height, Mast Lowered	Tilt Of Mast/Fork Carriage, Forward/Backward	6/12	6/12	6/12	6/12
4.3 Free Lift	Height, Mast Lowered	79.1 (2010)	79.1 (2010)	79.1 (2010)	79.1 (2010)
4.4 Lift	Free Lift	6.3 (160)	6.3 (160)	6.3 (160)	6.3 (160)
4.5 Height, Mast Extended	Lift	118.1 (3000)	118.1 (3000)	118.1 (3000)	118.1 (3000)
4.7 Height Of Overhead Guard	Height, Mast Extended	140.7 (3575)	140.7 (3575)	140.7 (3575)	140.7 (3575)
4.8 Seat Height/Stand Height	Height Of Overhead Guard	86 (2180)	86 (2180)	86 (2180)	86 (2180)
4.19 Towing Coupling Height	Seat Height/Stand Height	47 (1190)	47 (1190)	47 (1190)	47 (1190)
4.2 Overall Length	Towing Coupling Height	9.8 (250)	9.8 (250)	9.8 (250)	9.8 (250)
4.21 Overall Width	Overall Length	143 (3630)	143 (3630)	145.3 (3682)	145.3 (3682)
4.22 Fork Dimensions ISO 2331	Length To Face Of Forks	100.8 (2560)	100.8 (2560)	103.2 (2622)	103.2 (2622)
4.23 Fork Carriage ISO 2328, Class/Type A/B	Overall Width	45.7 (1160)	45.7 (1160)	45.7 (1160)	45.7 (1160)
4.24 Fork Carriage Width	Fork Dimensions ISO 2331	1.6 (4.8/42 (40/122/1070))	1.6 (4.8/42 (40/122/1070))	1.6 (4.8/42 (40/122/1070))	1.6 (4.8/42 (40/122/1070))
4.31 Ground Clearance, Laden, Below Mast	Fork Carriage ISO 2328, Class/Type A/B	IIA	IIA	IIA	IIA
4.32 Ground Clearance, Center Of Wheelbase	Fork Carriage Width	40.9 (1040)	40.9 (1040)	40.9 (1040)	40.9 (1040)
4.33 Load Dimension B12 X L6 Crossways	Ground Clearance, Laden, Below Mast	4.9 (125)	4.9 (125)	4.9 (125)	4.9 (125)
4.34.1 Aisle Width With Pallets 40 In X 48 In Crossways	Ground Clearance, Center Of Wheelbase	5.1 (130)	5.1 (130)	5.1 (130)	5.1 (130)
4.35 Turning Radius	Load Dimension B12 X L6 Crossways	39.4*39.4 (1000*1000)	39.4*39.4 (1000*1000)	39.4*39.4 (1000*1000)	39.4*39.4 (1000*1000)
4.36 Travel Speed, Laden/Unladen	Aisle Width With Pallets 40 In X 48 In Crossways	156.4 (3972)	156.4 (3972)	158.4 (4023)	158.4 (4023)
5.1 Travel Speed, Laden/Unladen, Backwards	Turning Radius	90.4 (2296)	90.4 (2296)	92.4 (2347)	92.4 (2347)
5.1.1 Lifting Speed, Laden/Unladen	Travel Speed, Laden/Unladen	29.3 (745)	29.3 (745)	29.3 (745)	29.3 (745)
5.2 Lowering Speed, Laden/Unladen	Travel Speed, Laden/Unladen, Backwards	11.8 (11.8 (19/19))	11.8 (11.8 (19/19))	9.3 (9.3 (15/15))	11.8 (11.8 (19/19))
5.3 Drawbar Pull, Laden/Unladen	Lifting Speed, Laden/Unladen	10/10 (16/16)	10/10 (16/16)	7.5 (7.5 (12/12))	10/10 (16/16)
5.5 Maximum Gradeability, Laden/Unladen	Lowering Speed, Laden/Unladen	79/85 (400/400)	79/85 (400/400)	79/85 (400/400)	100/106 (510/540)
5.8 Acceleration Time, Laden/Unladen 16.4 Yd	Drawbar Pull, Laden/Unladen	83/98 (420/500)	83/98 (420/500)	83/98 (420/500)	83/98 (420/500)
5.9 Service Brake	Maximum Gradeability, Laden/Unladen	3566/2922 (16000/13000)	4271/3372 (19000/15000)	3822/3372 (17000/15000)	5170/3937 (23000/16000)
5.1 Drive Motor Rating SZ 60 Min	Acceleration Time, Laden/Unladen 16.4 Yd	15/15	20/20	15/15	20/20
	Service Brake	5.6/5.5	5.6/5.5	5.6/5.5	5.6/5.5
	Drive Motor Rating SZ 60 Min	Hydraulic	Hydraulic	Hydraulic	Hydraulic

Description	1.2	Model	J40XTLG 115V	J40XTLG 154V	J50XTLG 115V	J50XTLG 154V
Electric Engine						
6.1	Lift Motor Rating At 53.15 %	hp (kw)	20.1 (15)	29 (21.6)	20.1 (15)	29 (21.6)
6.2	Battery According To DIN 43531/35/36 A, B, C, No	hp (kw)	20.1 (15)	30.3 (22.6)	20.1 (15)	30.3 (22.6)
6.3	Battery Voltage/Nominal Capacity K5		no	no	no	no
6.4	Battery Weight	(V)/(Ah)	115.9V/228Ah	154.5V/228Ah	115.9V/228Ah	154.5V/228Ah
6.5	Energy Consumption According To VDI Cycle	lb (kg)	604 (274)	785 (356)	604 (274)	785 (356)
6.6	Turnover Output	kWh/h	4.8	5.7	5.1	6.2
6.7	Energy Consumption At Turnover Output	t/h	136.3	163.6	146.4	174.7
6.8	Type Of Drive Unit	kWh in 1 h	5.9	5.9	6.3	6.3
6.8	Operating Pressure For Attachments		PM AC	PM AC	PM AC	PM AC
10.1	Oil Volume For Attachments	psi (bar)	2030 (140)	2030 (140)	2030 (140)	2030 (140)
10.2	Sound Pressure Level At The Driver's Seat	gal/min (l/min)	16.9 (64)	16.9 (64)	16.9 (64)	16.9 (64)
10.7	Sound Power Level During The Work Cycle	dB (A)	66	66	66	66
10.7.1	Towing Coupling, Type DIN	dB (A)	82	81	82	81
10.8	Towing Coupling, Type DIN		PM	PM	PM	PM

(4.5) Without load backrest

(4.7) h/c subject to $\pm 0.2^{\circ}$ (5mm) tolerance

(4.8) Full suspension seat in depressed position

(4.24) Add 1.26" (32mm) with load backrest

(10.2) Variable

(10.7.1) LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

SPECIFICATIONS TABLE - J60-70XTLG

Description	1.2	Model	J60XTLG 115V	J60XTLG 154V	J70XTLG 115V	J70XTLG 154V
Distinguishing Mark						
1.1	Manufacturer		Hyster	Hyster	Hyster	Hyster
1.3	Drive		Electric	Electric	Electric	Electric
1.4	Operator Type		Seated	Seated	Seated	Seated
1.5	Rated Capacity/Rated Load	Q lb (kg)	6000 (3000)	6000 (3000)	7000 (3500)	7000 (3500)
1.6	Load Center Distance	c in (mm)	24 (610)	24 (610)	24 (610)	24 (610)
1.8	Load Distance, Center Of Drive Axle To Fork	x in (mm)	19.33 (491)	19.33 (491)	20.07 (510)	20.07 (510)
1.9	Wheelbase	y in (mm)	67 (1700)	67 (1700)	67 (1700)	67 (1700)
2.1	Service Weight	lb (kg)	9511 (4314)	9603 (4356)	10393 (4714)	10485 (4766)
2.2	Axle Loading, Laden Front/Rear	lb (kg)	14220/1905 (6450/864)	14304/1914 (6489/868)	15970/2138 (7244/970)	16056/2145 (7283/973)
2.3	Axle Loading, Unladen Front/Rear	lb (kg)	3805/5706 (1726/2588)	3840/5765 (1742/2614)	4103/6290 (1867/2853)	4140/6310 (1878/2862)
Tires & Chassis						
3.1	Tires Front/Rear		pneumatic	pneumatic	pneumatic	pneumatic
3.2	Tire Size, Front		28-9-15-14PR	28-9-15-14PR	28-9-15-14PR	28-9-15-14PR
3.3	Tire Size, Rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
3.5	Wheels, Number Front/Rear		2x/2	2x/2	2x/2	2x/2
3.6	Tread, Front	b10 in (mm)	39.4 (1000)	39.4 (1000)	39.4 (1000)	39.4 (1000)
3.7	Tread, Rear	b11 in (mm)	38.2 (970)	38.2 (970)	38.2 (970)	38.2 (970)
Dimensions						
4.1	Tilt Of Mast/Fork Carriage, Forward/Backward	α/β (°)	6/12	6/12	6/12	6/12
4.2	Height, Mast Lowered	h1 in (mm)	84.6 (2150)	84.6 (2150)	84.6 (2150)	84.6 (2150)
4.3	Free Lift	h2 in (mm)	6.5 (165)	6.5 (165)	6.7 (170)	6.7 (170)
4.4	Lift	h3 in (mm)	118.1 (3000)	118.1 (3000)	118.1 (3000)	118.1 (3000)
4.5	Height, Mast Extended	h4 in (mm)	143.3 (3640)	146.3 (3640)	145.7 (3700)	145.7 (3700)
4.7	Height Of Overhead Guard	h6 in (mm)	87 (2205)	87 (2205)	87 (2205)	87 (2205)
4.8	Seat Height/Stand Height	h7 in (mm)	48 (1215)	48 (1215)	48 (1215)	48 (1215)
4.12	Towing Coupling Height	h10 in (mm)	10.2 (260)	10.2 (260)	10.2 (260)	10.2 (260)
4.19	Overall Length	l1 in (mm)	148.1 (3763)	148.1 (3763)	151.7 (3853)	151.7 (3853)

Description	1.2	Model	J60XTLG 115V	J60XTLG 154V	J70XTLG 115V	J70XTLG 154V
	4.2	Length To Face Of Forks	106 (2653)	106 (2653)	109.6 (2783)	109.6 (2783)
	4.21	Overall Width	48.3 (1228)	48.3 (1228)	48.3 (1228)	48.3 (1228)
	4.22	Fork Dimensions ISO 2331	1.8/4.8/42 (45/122/1070)	1.8/4.8/42 (45/122/1070)	2/4.8/42 (50/122/1070)	2/4.8/42 (50/122/1070)
	4.23	Fork Carriage ISO 2328, Class/Type A/B	IIIA	IIIA	IIIA	IIIA
	4.24	Fork Carriage Width	43.3 (1100)	43.3 (1100)	43.3 (1100)	43.3 (1100)
	4.31	Ground Clearance, Laden, Below Mast	m1 in (mm)	5.5 (140)	5.5 (140)	5.5 (140)
	4.32	Ground Clearance, Center Of Wheelbase	m2 in (mm)	6.1 (155)	6.1 (155)	6.1 (155)
	4.33	Load Dimension B12 X1.16 Crossways	b 12 x 1.6 in (mm)	39.4*39.4 (1000*1000)	39.4*39.4 (1000*1000)	39.4*39.4 (1000*1000)
	4.34.1	Aisle Width With Pallets 40 In X 48 In Crossways	Ast in (mm)	162.8 (4136)	166.3 (4225)	166.3 (4225)
	4.35	Turning Radius	Wa in (mm)	96.3 (2445)	99 (2515)	99 (2515)
	4.36	Travel Speed, Laden/Unladen	b13 in (mm)	32.4 (823)	32.4 (823)	32.4 (823)
Performance Data	5.1	Travel Speed, Laden/Unladen, Backwards	mph (km/h)	9.3/9.3 (15/15)	9.3/9.3 (15/15)	11.8/11.8 (19/19)
	5.1.1	Lifting Speed, Laden/Unladen	mph (km/h)	7.5/7.5 (12/12)	7.5/7.5 (12/12)	10/10 (16/16)
	5.2	Lowering Speed, Laden/Unladen	ft/min (mm/s)	69/75 (350/380)	69/75 (350/380)	85/98 (430/500)
	5.3	Drawer Pull, Laden/Unladen	ft/min (mm/s)	83/98 (420/500)	83/98 (420/500)	83/98 (420/500)
	5.5	Maximum Gradeability, Laden/Unladen	LBF (N)	4271/3397 (19000/16000)	5845/3822 (26000/17000)	4271/3397 (19000/16000)
	5.8	Acceleration Time, Laden/Unladen 16.4Yd	%	15/15	15/15	20/20
	5.9	Service Brake	sec	5.6/5.5	5.6/5.5	5.6/5.5
Electric Engine	5.1	Drive Motor Rating S2 60 Min	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	6.1	Lift Motor Rating At S3 15 %	hp (kw)	20.1 (15)	20.1 (15)	29 (21.6)
	6.2	Battery According To DIN 43531/35/36 A, B, C, No	hp (kw)	20.1 (15)	30.3 (22.6)	20.1 (15)
	6.3	Battery Voltage/Nominal Capacity K5		no	no	no
	6.4	Battery Weight	(U)/(Ah)	115.9V/228Ah	154.5V/228Ah	115.9V/228Ah
	6.5	Energy Consumption According To VII Cycle	lb (kg)	604 (274)	785 (356)	604 (274)
	6.6	Turnover Output	kWh/h	5.8	6.5	6.4
	6.7	Energy Consumption At Turnover Output	t/h	166.6	193.9	181.8
	6.8	Type Of Drive Unit	kWh in 1 h	72	6.6	7.8
	8.1	Operating Pressure For Attachments		PM AC	PM AC	PM AC
Additional Data	10.1	Oil Volume For Attachments	psi (bar)	2030 (140)	2030 (140)	2030 (140)
	10.2	Sound Pressure Level At The Driver's Seat	gal/min (l/min)	16.9 (64)	16.9 (64)	16.9 (64)
	10.7	Sound Power Level During The Work Cycle	dB (A)	66	66	66
	10.7.1	Towing Coupling, Type DIN	dB (A)	82	81	81
	10.8	Towing Coupling, Type DIN		PM	PM	PIN

(4.5) Without load backrest

(4.7) He subject to $\pm 0.2^{\circ}$ (5mm) tolerance

(4.8) Full suspension seat in depressed position

(4.24) Add 1.26" (32mm) with load backrest

(10.2) Variable

(10.7.1) DPZ, measured according to the test cycles and based on the weighting values contained in EN12053

MAST DATA

400X116 4000LBS CAPACITIES @ 24IN. LOAD CENTER

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Tires	
2 Stage Limited Free Lift	118.1	79.1	140.7	157.1	6.3	12	3950	3900	3950	3900	
	129.9	85	152.6	168.9	6.3	12	3950	3900	3950	3900	
	137.8	89	160.4	176.8	6.3	12	3950	3900	3950	3900	
	157.5	100.8	180.1	196.5	6.3	6	3950	3850	3950	3850	
	118.1	79.1	141.3	157.1	55.9	12	3950	3850	3950	3850	
	129.9	85	153.1	168.9	61.8	12	3950	3800	3950	3800	
	137.8	89	161	176.8	65.7	12	3950	3800	3950	3800	
	171.3	79.1	191.6	210.2	54.7	6	3700	3600	3700	3600	
	177.2	81.1	197.5	216.1	56.7	6	3650	3550	3650	3550	
	189	85	209.3	228	60.6	6	3550	3400 (3550-)	3400 (3550-)	3300 (3400-)	
3 Stage Full Free Lift	216.5	95.5	236.9	255.5	70.9	6	3250	3150	2100 (3250-)	2000 (3100-)	
	236.2	102.8	256.6	275.2	76.3	6	2450 (3050-)	2300 (2900-)	1450 (2600-)	1300 (2500-)	
	255.9	111.2	276.3	294.9	87.2	6	1750 (2800-)	1600 (2700-)	950 (1950-)	750 (1800-)	
	Max Fork Height (mm)						Back Tilt (°)				
	3000	2010	3675	3990	160	12					
	3300	2160	3875	4290	160	12					
	3500	2260	4075	4490	160	12					
	4000	2560	4575	4990	160	6					
	3000	2010	3590	3990	1420	12					
	3300	2160	3890	4290	1570	12					
3 Stage Full Free Lift	3500	2260	4090	4490	1670	12					
	4350	2010	4867	5340	1390	6					
	4500	2060	5077	5490	1440	6					
	4800	2160	5377	5790	1540	6					
	5000	2260	5577	5990	1640	6					
	5500	2425	6077	6490	1800	6					
	6000	2610	6577	6990	1990	6					
	6500	2825	7077	7490	2215	6					
	Max Fork Height (mm)						Back Tilt (°)				
	3000	2010	3675	3990	160	12					
3300	2160	3875	4290	160	12						
3500	2260	4075	4490	160	12						
4000	2560	4575	4990	160	6						
3000	2010	3590	3990	1420	12						
3300	2160	3890	4290	1570	12						
3500	2260	4090	4490	1670	12						
4350	2010	4867	5340	1390	6						
4500	2060	5077	5490	1440	6						
4800	2160	5377	5790	1540	6						
5000	2260	5577	5990	1640	6						
5500	2425	6077	6490	1800	6						
6000	2610	6577	6990	1990	6						
6500	2825	7077	7490	2215	6						

500X116 5000LBS CAPACITIES @ 24IN. LOAD CENTER

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Tires	
2 Stage Limited Free Lift	118.1	79.1	140.7	157.1	6.3	12	5000	4850	5000	4850	
	129.9	85	152.6	168.9	6.3	12	5000	4850	5000	4850	
	137.8	89	160.4	176.8	6.3	12	5000	4850	5000	4850	
	157.5	100.8	180.1	196.5	6.3	6	4950	4800	4950	4800	
	118.1	79.1	141.3	157.1	55.9	12	4950	4800	4950	4800	
	129.9	85	153.1	168.9	61.8	12	4950	4800	4950	4800	
	137.8	89	161	176.8	65.7	12	4950	4800	4950	4800	
	171.3	79.1	191.6	210.2	54.7	6	4050	3900	4050	3900	
	177.2	81.1	197.5	216.1	56.7	6	4000	3850	4000	3850	
	3 Stage Full Free Lift	216.5	95.5	236.9	255.5	70.9	6	3250	3150	2100 (3250-)	2000 (3100-)
236.2		102.8	256.6	275.2	76.3	6	2450 (3050-)	2300 (2900-)	1450 (2600-)	1300 (2500-)	
255.9		111.2	276.3	294.9	87.2	6	1750 (2800-)	1600 (2700-)	950 (1950-)	750 (1800-)	
Max Fork Height (mm)						Back Tilt (°)					
3000		2010	3675	3990	160	12					
3300		2160	3875	4290	160	12					
3500		2260	4075	4490	160	12					
4000		2560	4575	4990	160	6					
3000		2010	3590	3990	1420	12					
3300		2160	3890	4290	1570	12					
3 Stage Full Free Lift	3500	2260	4090	4490	1670	12					
	4350	2010	4867	5340	1390	6					
	4500	2060	5077	5490	1440	6					
	4800	2160	5377	5790	1540	6					
	5000	2260	5577	5990	1640	6					
	5500	2425	6077	6490	1800	6					
	6000	2610	6577	6990	1990	6					
	6500	2825	7077	7490	2215	6					
	Max Fork Height (mm)						Back Tilt (°)				
	3000	2010	3675	3990	160	12					
3300	2160	3875	4290	160	12						
3500	2260	4075	4490	160	12						
4000	2560	4575	4990	160	6						
3000	2010	3590	3990	1420	12						
3300	2160	3890	4290	1570	12						
3500	2260	4090	4490	1670	12						
4350	2010	4867	5340	1390	6						
4500	2060	5077	5490	1440	6						
4800	2160	5377	5790	1540	6						
5000	2260	5577	5990	1640	6						
5500	2425	6077	6490	1800	6						
6000	2610	6577	6990	1990	6						
6500	2825	7077	7490	2215	6						

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Tires	Pneumatic Tires
	189	85	209.3	228	60.6	6	3900	3750	3850	3750
	196.9	89	217.2	235.8	64.6	6	3800	3650	3750 (3800-)	3700 (3650-)
	216.5	95.5	236.9	255.5	70.9	6	3550 (3600-)	3450	2800 (3550-)	2700 (3450-)
	236.2	102.8	256.6	275.2	78.3	6	2700 (3350-)	2600 (3250-)	2000 (3250-)	1850 (3150-)
	255.9	111.2	276.3	294.9	87.2	6	1900 (3100-)	1800 (3000-)	1350 (2450-)	1200 (2350-)
	Max Fork Height (mm)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (mm)	Free Lift Height without LBR (mm)	Back Tilt (°)				
2 Stage Limited Free Lift	3000	2010	3975	3990	160	12				
	3300	2160	3975	4290	160	12				
	3500	2260	4075	4490	160	12				
	4000	2560	4575	4990	160	6				
2 Stage Full Free Lift	3000	2010	3990	3990	1420	12				
	3300	2160	3990	4290	1570	12				
	3500	2260	4090	4490	1670	12				
3 Stage Full Free Lift	4350	2010	4867	5340	1390	6				
	4500	2060	5017	5490	1440	6				
	4800	2160	5377	5790	1540	6				
	5000	2260	5517	5990	1640	6				
	5500	2425	6017	6490	1800	6				
	6000	2610	6517	6990	1990	6				
	6500	2825	7017	7490	2215	6				

#BX7L6 6000LBS CAPACITIES @ 24IN LOAD CENTER

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Tires	Pneumatic Tires
2 Stage Limited Free Lift	118.1	81.7	143.3	161.4	6.5	12	6000	5650	6000	5850
	129.9	87.6	155.1	173.2	6.5	12	6000	5650	6000	5850
	137.8	91.5	163	181.1	6.5	12	6000	5650	6000	5650
	157.5	103.3	182.7	200.8	6.5	6	6000	5600	6000	5600
2 Stage Full Free Lift	118.1	81.7	143.7	161.4	56.1	12	5950	5600	5950	5800
	129.9	87.6	155.5	173.2	62	12	5950	5600	5950	5800
	137.8	91.5	163.4	181.1	65.9	12	5950	5750	5950	5750
3 Stage Full Free Lift	171.3	81.7	194.9	214.6	58.1	6	5500	5350	5500	5350
	177.2	83.7	200.8	220.5	60	6	5450	5300	5450	5300
	189	87.6	212.6	232.3	64	6	5300	5150	5300	5150
	196.9	91.5	220.5	240.2	67.9	6	5200	5050	5050 (5200-)	5000 (5050-)
	216.5	98	240.2	259.8	74	6	4150 (4650-)	4050 (4650-)	3900 (4950-)	3800 (4800-)
	236.2	105.3	259.8	279.5	81.7	6	3150 (4700-)	3000 (4550-)	2950 (4650-)	2850 (4500-)
	255.9	113.8	279.5	299.2	89	6	2300 (4400-)	2150 (4250-)	2150 (3750-)	2050 (3650-)
	Max Fork Height (mm)	Lowered Height (mm)	Extended Height without LBR (mm)	Extended Height with LBR (mm)	Free Lift Height without LBR (mm)	Back Tilt (°)				
2 Stage Limited Free Lift	3000	2075	3640	4100	165	12				
	3300	2225	3940	4400	165	12				
	3500	2325	4140	4600	165	12				
	4000	2625	4640	5100	165	6				
2 Stage Full Free Lift	3000	2075	3650	4100	1425	12				
	3300	2225	3950	4400	1575	12				
	3500	2325	4150	4600	1675	12				

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires	Pneumatic Shaped Solid Tires	Pneumatic Tires	Pneumatic Tires
3 Stage Full Free Lift	4350	2075	4850	5450	1475	6				
	4500	2125	5100	5600	1525	6				
	4800	2225	5400	5900	1625	6				
	5000	2325	5600	6100	1725	6				
	5500	2490	6100	6600	1880	6				
	6000	2675	6600	7100	2075	6				
6500	2890	7100	7600	2260	6					

770XTL6 7000LBS CAPACITIES @ 24IN LOAD CENTER

	Max Fork Height (in)	Lowered Height (in)	Extended Height without LBR (in)	Extended Height with LBR (in)	Free Lift Height without LBR (in)	Back Tilt (°)	Pneumatic Shaped Solid Tires		Pneumatic Tires	Pneumatic Tires	
							Without sideshift (lbs)	With sideshift (lbs)			
2 Stage Limited Free Lift	118.1	84.6	145.7	161.4	6.7	12	6900	6800	6900	6800	
	129.9	90.6	157.5	173.2	6.7	12	6900	6800	6900	6800	
	137.8	94.5	165.4	181.1	6.7	12	6900	6750	6900	6750	
	157.5	106.3	185	200.8	6.7	6	6800	6600	6800	6600	
	118.1	84.6	144.9	161.4	57.9	12	6900	6800	6900	6800	
	129.9	90.6	156.7	173.2	63.8	12	6900	6750	6900	6750	
	137.8	94.5	164.6	181.1	67.7	12	6900	6750	6900	6750	
	171.3	84.6	196.5	214.6	59.4	6	6900	6800	6900	6800	
	177.2	86.6	202.4	220.5	61.4	6	6850	6700	6500 (6850-)	6450 (6700-)	
	189	90.6	214.2	232.3	65.4	6	6500 (6700-)	6500 (6550-)	5800 (6700-)	5750 (6550-)	
	196.9	94.5	222	240.2	68.3	6	6050 (6600-)	6000 (6450-)	5350 (6600-)	5300 (6450-)	
	216.5	101	241.7	259.8	75.4	6	4850 (6350-)	4900 (6200-)	4350 (6150-)	4300 (6150-)	
3 Stage Full Free Lift	236.2	108.3	261.4	279.5	83.1	6	4050 (6000-)	3950 (6850-)	3500 (6250-)	3400 (6250-)	
	255.9	116.1	281.1	299.2	90.2	6	3200 (5250-)	3150 (5200-)	2800 (4500-)	2700 (4450-)	
	2 Stage Limited Free Lift	3000	2150	3700	4100	170	12				
		3300	2300	4000	4400	170	12				
		3600	2400	4200	4600	170	12				
		4000	2700	4700	5100	170	6				
		3000	2150	3680	4100	1470	12				
		3300	2300	3980	4400	1620	12				
		3600	2400	4180	4600	1720	12				
		4350	2150	4990	5450	1510	6				
		4600	2200	5140	5600	1580	6				
		4800	2300	5440	5900	1680	6				
5000		2400	5640	6100	1780	6					
5600		2565	6140	6600	1915	6					
6000	2750	6640	7100	2110	6						
6500	2965	7140	7600	2290	6						

Cell with * equals dual tread specification
 Approximate capacity shown at 24in load center, fork with 42 in and 154V version. Actual truck capacity dependent upon equipped options. Contact your dealer for more information.

BATTERIES AND CHARGERS

HYSTER LITHIUM-ION BATTERY SPECIFICATIONS

Nominal Voltage	V	115.9V/228Ah	154.5V/228Ah
Chemistry		Lithium Iron Phosphate (LFP)	Lithium Iron Phosphate (LFP)
Nominal Energy Capacity	kWh	26.4	35.2
Charging Temperature	°F (°C)	32 to 113 (0 to 45)	32 to 113 (0 to 45)
Operating Temperature	°F (°C)	14 to 113 (-10 to 45)	14 to 113 (-10 to 45)
IP Rating		IP54	IP54
3rd Party Rating		UL Listed	UL Listed

*Operating performance may be restricted below -14°F (-10°C) please consult the Operator Manual.

CHARGER SPECIFICATIONS

DC Output Specs	Part Number		81023941	81023942	69203234	69208857	81023862	69203235	69208858
	Rated Output Voltage	V	115	154	115	154	154	115	154
	Output Current	A	100	100	100	100	150	100	100
	Typical Output Power	kW	13.8	18	13.8	17.5	20	13.8	18
	20-80% Charge Time Estimate*	h	1.4	1.4	1.4	1.4	1.0	1.4	1.4
	Output Connector		REMA160A	6B/T	REMA160A	6B/T	6B/T	REMA160A	6B/T
	Protection**		Yes	Yes	Yes	Yes	Yes	Yes	Yes
3 Phase AC Input Specs	Input Voltage	VAC	220	220	480	480	480	600	600
	Input Current***	A	45.8	59.7	21	27.4	30.4	16.8	21.9
	Typical Grid Power Required	KVA	20.1	26.3	20.1	25.6	29.2	20.1	26.3
	Cable Length/Connector	ft (m)	10 (3) / Customer Provided Connector	10 (3) / Customer Provided Connector	10 (3) / Customer Provided Connector	10 (3) / Customer Provided Connector	11 (3) / Customer Provided Connector	12 (3) / Customer Provided Connector	13 (3) / Customer Provided Connector
Form Factor	Exterior Dimensions (L x W x H)	in (mm)	22 x 14 x 37 (558 x 353 x 948)	22 x 13 x 44 (558 x 353 x 1128)	24 x 17 x 32 (618 x 435 x 815)	24 x 17 x 32 (618 x 435 x 815)	24 x 17 x 32 (618 x 435 x 815)	24 x 17 x 43 (618 x 430 x 1100)	24 x 17 x 43 (618 x 430 x 1100)
	Weight	lb (kg)	232 (107)	297 (135)	165 (75)	165 (75)	165 (75)	359 (163)	359 (163)
Environmental Conditions	Working Environment Temperature	°F (°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)
	Storage Temperature	°F (°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)	-22 to 158°F (-30 to 70°C)
	Relative Humidity	%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%	0-95%
	Altitude	ft (m)	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated	< 6562 (2000) full load 6562-9843 (2000-3000) derated
	Ingress Protection Rating		IP54	IP54	IP54	IP54	IP54	IP54	IP54
Other	3rd Party Rating		UL 1564 Compliant	UL 1564 Compliant	UL 1564 Compliant	UL 1564 Compliant	UL 1564 Compliant	UL 1564 Compliant	UL 1564 Compliant
	Warranty Term****		Yes	Yes	Yes	Yes	Yes	Yes	Yes

* Periodic full discharge and charge needed to balance cells and maintain battery warranty. See full warranty statement for complete details

** Short circuit, overcurrent, overvoltage, reverse connection, current backflow protection, isolation

*** Breaker typically 25% greater than input current, consult electrical professional for your situation

**** 2 Year Warranty, Terms and Conditions Apply. See full warranty statement for complete details.

OPTIONS TABLE

AVAILABLE OPTIONS - NORTH AMERICA

DESCRIPTION	STANDARD	OPTIONAL
PERFORMANCE	STD	OPT
115 Volt electrical system with Rema Connection	X	
154 Volt electrical system with GB Connection		X
Standard Construction	X	
Drum Brakes	X	
Oil Immersed Brakes		X
Antistatic Strap	X	
115V 228Ah (26.2kWh) Integrated Li-ion battery	X	
115V/100A Three Phase Lithium Ion LFP CACTi charger with REMA160A Connector (input 220V / 480V / 600V)	X	
154V 228Ah(35.1kWh) Integrated Li-ion battery		X
154V/100A Three Phase Lithium Ion LFP CACTi charger with GB 125A Connector (input 220V / 480V / 600V)		X
154V/150A Three Phase Lithium Ion LFP CACTi charger with GB 200A Connector (input 220V / 480V / 600V)		X
Battery Disconnect	X	
OPERATION	STD	OPT
Key Switch Start	X	
Traction Speed Limiter	X	
Operator Presence System (OPS)	X	
Manual Park Brake	X	
Automatic Park Brake		X
DRIVE	STD	OPT
Directional Lever	X	
MONOTROL® Directional Control Pedal		X
On Demand Hydrostatic Power Assist Steering with Synchronous Steering		X
Integrated Directional Switch		X
Standard Tread	X	
Dual Tread		X
Tires - Super Elastic		X
Tires - Super Elastic Non-Marking		X
Tires - PR Pneumatic	X	
LIFT	STD	OPT
2 Stage Limited Free Lift (LFL) - Class II / III	X	
2 Stage Full Free Lift (FFL) - Class II / III		X
3 Stage Full Free Lift (FFL) - Class II / III		X
Mast tilt - 6° Forward / 12° Back	X	
Mast tilt - 6° Forward / 6° Back		X
With Tilt Cylinder Boots	X	
HANDLING	STD	OPT
Hook Type Carriage - 40.9" (1038mm) Class II	X	
Hook Type Carriage - 43.3" (1100mm) Class III	X	
Hook Type Carriage - 47.2" (1200mm) Class II		X
Hook Type Carriage - 47.2" (1200mm) Class III		X
Hook Type Integral Sideshift Carriage - 40.9" (1040mm) Class II		X
Hook Type Integral Side Shift Carriage - 43.3" (1100mm) Class III		X
Without Carriage		X
Without Load Backrest		X
37.0" (940mm) Load Backrest - Class II		X
42.5" (1080mm) Load Backrest - Class III		X

DESCRIPTION	STANDARD	OPTIONAL
2 Function (0 Auxiliary) Hydraulic Valve		X
3 Function (1 Auxiliary) Hydraulic Valve	X	
4 Function (2 Auxiliary) Hydraulic Valve		X
3 Function Hose Group (1 Auxiliary)		X
4 Function Hose Group (2 Auxiliary)		X
Manual lever hydraulic controls	X	
Mini lever hydraulic control		X
Clamping Function		X
Hook Type Standard Forks - 42" (1070mm)	X	
Hook Type Standard Forks - 48" (1220mm)		X
Hook Type Standard Forks - 54" (1370mm)		X
Hook Type Standard Forks - 60" (1520mm)		X
Hook Type Standard Forks - 72" (1820mm)		X
Hook Type Standard Forks - 78" (1970mm)		X
Hook Type Standard Forks - 83" (2120mm)		X
Hook Type Standard Forks - 87" (2220mm)		X
Hook Type Standard Forks - 91" (2300mm)		X
Hook Type Standard Forks - 96" (2440mm)		X
CAB	STD	OPT
Full Steel Cab with Heater		X
Cab without Heater		X
Front & Top Cab Panels		X
Front, Top & Rear Cab Panels		X
Dual Mirrors Side View	X	
Rear Drive Handle with Horn Button		X
ERGONOMICS	STD	OPT
85.8" (2180mm) Overhead Guard J40-50XTLG	X	
86.8" (2205mm) Overhead Guard J60-70XTLG	X	
Non Suspension Vinyl Seat	X	
Full Suspension Vinyl Seat with Switch for OPS		X
Full Suspension Vinyl With Hip Restraint - Premium		X
Standard Seat Belt with Interlock	X	
Steering wheel with spinner knob	X	
VISIBILITY	STD	OPT
LED work lights	X	
2 Front LED Work Lights with Stop, Tail, Indicator & Reverse Lights	X	
2 Front and 1 Rear LED Work Lights with Stop, Tail, Indicator & Reverse Lights		X
Amber Strobe Light - Ignition and Switch Activated		X
Audible Reverse Alarm		X
Parking Alarm	X	
APPEARANCE	STD	OPT
Hyster yellow paint base truck	X	
SUPPLEMENTAL	STD	OPT
12 month / 2,000 hour full truck warranty	X	
36 month / 6,000 hour powertrain warranty	X	
5 years / 3000 cycles Integrated Li-ion Battery Warranty	X	
2 years Li-ion Charger Warranty	X	
Operating manual	X	



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