

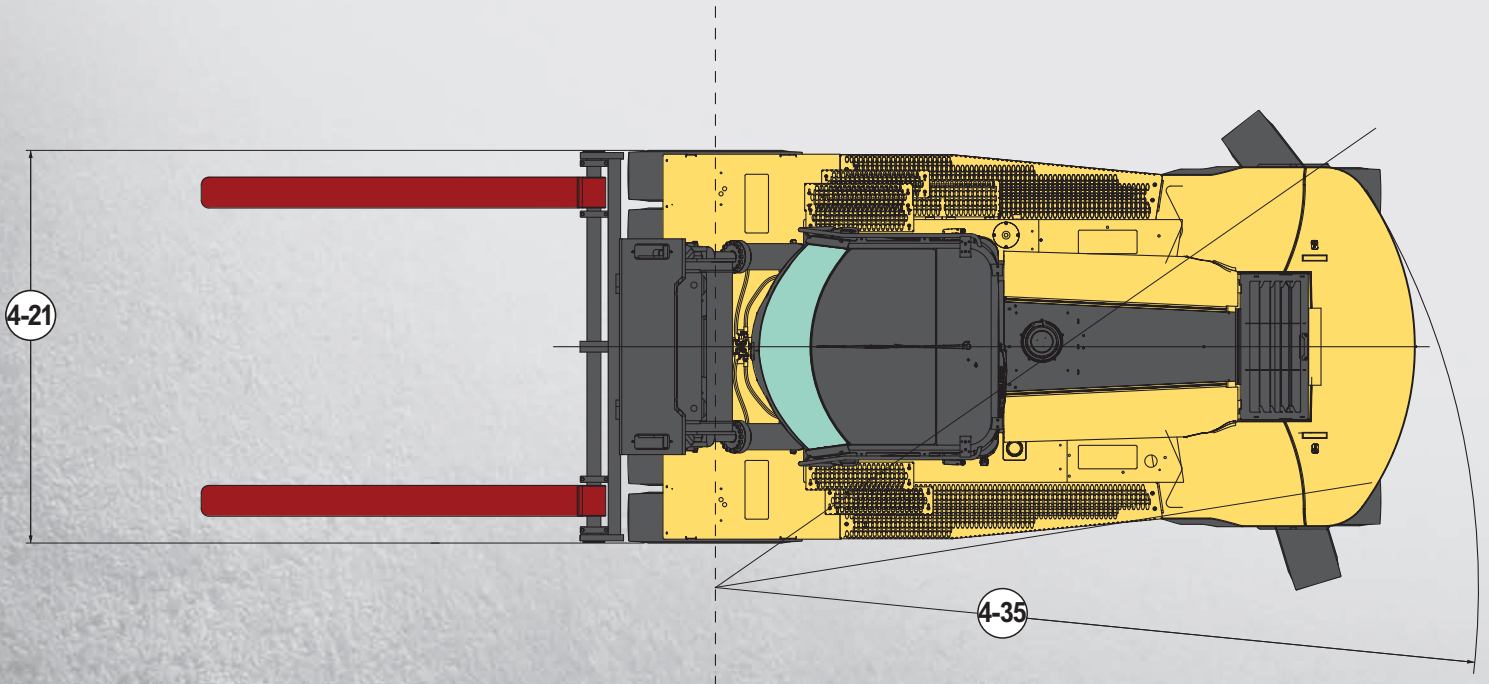
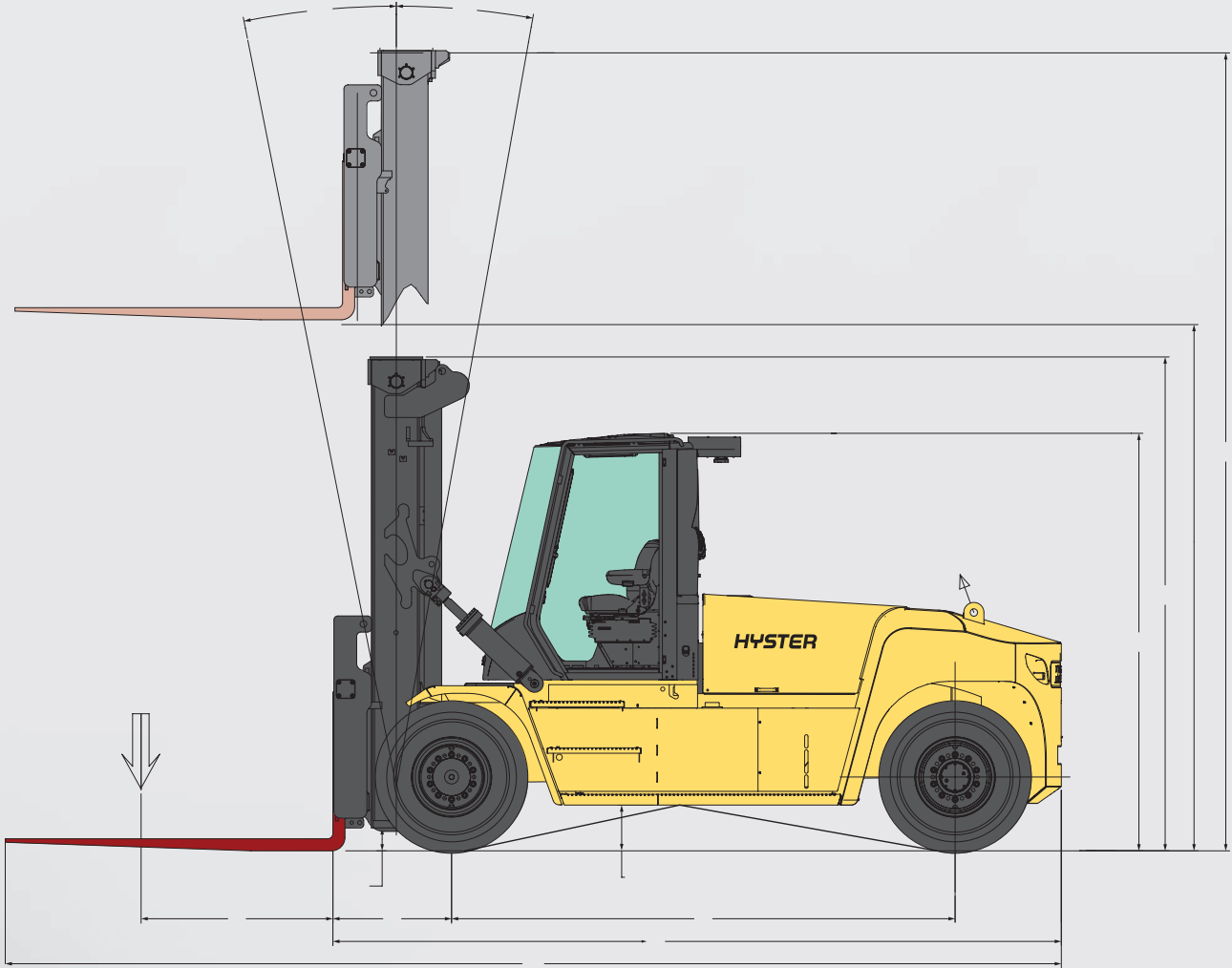


**STRONG PARTNERS.
TOUGH TRUCKS.™**

HIGH-CAPACITY ELECTRIC FORKLIFTS J230-360XD & J360XD36/48

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> J230-360XD | J360XD36-48 DIMENSIONS



J230-280XD SPECIFICATIONS



			Hyster Company														
			J230XD				J250XD				J280XD						
			Electric / 350V				Electric / 350V				Electric / 350V						
GENERAL	1-1	Manufacturer		Hyster Company													
	1-2	Model designation															
	1-3	Powertrain / voltage															
	1-5	Rated load capacity	lbs.	kg	23,000	10,433	25,000	11,340	28,000	12,700							
	1-6	Load center	in	mm	24	610	24	610	24	610							
1-8	Load distance	in	mm	32	804	32	804	32	804								
1-9	Wheelbase	in	mm	114	2,900	114	2,900	114	2,900								
WEIGHTS	2-1	Total truck weight without load (with batteries)		lbs.	kg	31,623	14,344	32,835	14,894	34,389	15,599						
	2-2	Axle loading with load, front / rear		lbs.	kg	50,271	22,803	4,351	1,974	53,114	24,092	4,721	2,142	57,398	26,035	4,991	2,264
	2-3	Axle loading without load, front / rear		lbs.	kg	16,060	7,285	15,562	7,059	15,927	7,225	16,908	7,669	15,749	7,144	18,640	8,455
PERFORMANCE	3-1	Tire type		Type	Type	Pneumatic				Pneumatic							
	3-2	Tire size, front		0	0	10.00-20 16PR				10.00-20 16PR							
	3-3	Tire size, rear		0	0	10.00-20 16PR				10.00-20 16PR							
	3-5	Number of tires, front / rear (X driven)		#	#	x4/2				x4/2							
	3-6	Tread width, front		in	mm	72.5	1,842	72.5	1,842	72.5	1,842						
	3-7	Tread width, rear		in	mm	76.0	1,930	76.0	1,930	76.0	1,930						
	4-1	Mast tilt, forward / back		°	°	15°F / 12°B				15°F / 12°B							
DIMENSIONS	4-2	Height of mast lowered		in	mm	138	3,507	138	3,507	138	3,507						
	4-3	Freelift		in	mm	0	0	0	0	0	0						
	4-4	Lift height (top of fork)		in	mm	147	3,750	147	3,750	147	3,750						
	4-5	Height, extended		in	mm	211	5,344	211	5,344	211	5,344						
	4-7	Height to top of operator compartment (open cab)		in	mm	119	3,015	119	3,015	119	3,015						
	4-7-1	Height, top of operator comp (closed cab)		in	mm	120	3,042	120	3,042	120	3,042						
	4-7-2	Height, top of operator comp (closed cab w/ airco)		in	mm	120	3,042	120	3,042	120	3,042						
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)		in	mm	124	3,137	124	3,137	124	3,137						
	4-7-4	Height, top of operator comp (closed cab w/ work lights)		in	mm	126	3,191	126	3,191	126	3,191						
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)		in	mm	125	3,167	125	3,167	125	3,167						
	4-8	Seat height to seat point index (SIP)		in	mm	72	1,835	72	1,835	72	1,835						
	4-19	Overall length		in	mm	226	5,733	226	5,733	226	5,733						
	4-20	Length to load face		in	mm	178	4,513	178	4,513	178	4,513						
	4-21	Overall width of truck		in	mm	97	2,464	97	2,464	97	2,464						
	4-22	Fork dimension		in	mm	3 / 8 / 48	75 / 200 / 1,220	3 / 8 / 48	75 / 200 / 1,220	3 / 8 / 48	75 / 200 / 1,220						
	4-23	Fork carriage type		Type	Type	Standard pin type carriage				Standard pin type carriage							
	4-24	Carriage width		in	mm	94.3	2,396	94.3	2,396	94.3	2,396						
	4-25-1	Fork spread, min (in-in)		in	mm	2.8	70	2.8	70	2.8	70						
	4-25-2	Fork spread, max (out-out)		in	mm	91.3	2,320	91.3	2,320	91.3	2,320						
	4-31	Ground clearance, under mast with load		in	mm	10	250	10	250	10	250						
	4-32	Ground clearance, center of wheelbase		in	mm	11	273	11	273	11	273						
	4-34	Minimum aisle width (add load length & clearance)		in	mm	194	4,915	194	4,915	194	4,915						
	4-35	Outside turning radius		in	mm	162	4,111	162	4,111	162	4,111						
PERFORMANCE	5-1	Travel speed, with / without load		mph	km/h	20	32	20	32	20	32	20	32	20	32		
	5-2	Lifting speed, with / without load 90cc pump		ft/min	m/s	79	0.40	79	0.40	79	0.40	79	0.40	79	0.40		
	5-2-1	Lifting speed, with / without load 111cc pump		ft/min	m/s	98	0.50	106	0.54	98	0.50	106	0.54	98	0.50	106	0.54
	5-3	Lowering speed, with / without load		ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load		lbs.	kN	4,100	23	5,000	25	4,000	23	5,000	25	3,800	23	4,900	25
	5-6	Drawbar pull - stall, with / without load		lbs.	kN	9,700	48	10,500	50	9,600	48	10,500	50	9,400	48	10,500	50
	5-7	Gradeability - 1 mph (1.6 km/h), with load / without load				10 / 18				9 / 18				8 / 16			
	5-8	Gradeability - stall, with load / without load				20 / 32				19 / 29				17 / 33			
ELECTRIC	6-1	Traction motor rated/peak power		hp	kW	62	46	145	108	62	46	145	108	62	46	145	108
	6-2	Hydraulic motor rated/peak power		hp	kW	99	74	223	166	99	74	223	166	99	74	223	166
	6-3	Battery type		Type		Li-ion				Li-ion				Li-ion			
	6-4	Battery voltage		V		350				350				350			
	6-4-1	Battery - nominal capacity (range)		Ah	kWh	195 - 393	69 - 137	195 - 393	69 - 137	195 - 393	69 - 137	195 - 393	69 - 137	195 - 393	69 - 137		
		Max number of battery packs				2				2				2			
		Cooling system		Type		Water-cooled motors, inverter/ controller				Water-cooled motors, inverter/ controller				Water-cooled motors, inverter/ controller			
DRIVE	8-1	Drive control / transmission		Type		Electric motor				Electric motor				Electric motor			
	8-3	Wheel drive / drive axle manufacturer / type		Type		Kessler / D61				Kessler / D61				Kessler / D61			
	8-4	Service brake		Type		Oil immersed (wet) disc				Oil immersed (wet) disc				Oil immersed (wet) disc			
	8-5	Parking brake		Type		Spring apply, dry disc on drive axle				Spring apply, dry disc on drive axle				Spring apply, dry disc on drive axle			
	MISC	10-1	Operating pressure for attachments		psi	MPa	3,263	22.5	3,263	22.5	3,263	22.5	3,263	22.5			
10-2		Oil volume for attachments		gpm	l/m	26.4	100	26.4	100	26.4	100	26.4	100				
10-3		Hydraulic tank capacity		gal	l	35.7	135	35.7	135	35.7	135	35.7	135				
10-5		Steering design		Type		Hydraulic power steering				Hydraulic power steering				Hydraulic power steering			
10-6		Number of steering rotation		Type		4.5				4.5				4.5			

J300-360XD SPECIFICATIONS

GENERAL	1-1		Hyster Company													
	1-2		J300XD				J330XD				J360XD					
	1-3		Electric / 350V		Electric / 350V		Electric / 350V		Electric / 350V							
WEIGHTS	1-5	Rated load capacity	lbs.	kg	30,000	13,608	33,000	14,969	36,000	16,329						
	1-6	Load center	in	mm	24	610	24	610	24	610						
	1-8	Load distance	in	mm	35	889	35	889	35	889						
PERFORMANCE	1-9	Wheelbase	in	mm	130	3,300	130	3,300	130	3,300						
	2-1	Total truck weight without load (with batteries)	lbs.	kg	40,527	18,383	44,066	19,988	45,830	20,788						
	2-2	Axle loading with load, front / rear	lbs.	kg	63,467	28,788	5,297	2,403	69,554	31,549	5,737	2,602	73,876	33,510	6,190	2,808
PERFORMANCE	2-3	Axle loading without load, front / rear	lbs.	kg	21,607	9,801	18,921	8,582	23,343	10,588	20,723	9,400	23,291	10,565	22,538	10,223
	3-1	Tire type	Type	Type	Pneumatic				Pneumatic				Pneumatic			
	3-2	Tire size, front	0	0	12.00-20 20PR Bias				12.00-20 20PR Bias				12.00-20 20PR Bias			
PERFORMANCE	3-3	Tire size, rear	0	0	12.00-20 20PR Bias				12.00-20 20PR Bias				12.00-20 20PR Bias			
	3-5	Number of tires, front / rear (X driven)	#	#	x4 / 2				x4 / 2				x4 / 2			
	3-6	Tread width, front	in	mm	72.5	1,842	72.5	1,842	72.5	1,842			72.5	1,842		
PERFORMANCE	3-7	Tread width, rear	in	mm	78.7	2,000	78.7	2,000	78.7	2,000			78.7	2,000		
	4-1	Mast tilt, forward / back	°	°	15°F / 12°B				15°F / 12°B				15°F / 12°B			
	4-2	Height of mast lowered	in	mm	141	3,568	141	3,568	141	3,568			141	3,568		
DIMENSIONS	4-3	Freelift	in	mm	0	0	0	0	0	0			0	0		
	4-4	Lift height (top of fork)	in	mm	147	3,750	147	3,750	147	3,750			147	3,750		
	4-5	Height, extended	in	mm	213	5,398	213	5,398	213	5,398			213	5,398		
DIMENSIONS	4-7	Height to top of operator compartment (open cab)	in	mm	121	3,083	121	3,083	121	3,083			121	3,083		
	4-7-1	Height, top of operator comp (closed cab)	in	mm	122	3,110	122	3,110	122	3,110			122	3,110		
	4-7-2	Height, top of operator comp (closed cab w/ airco)	in	mm	122	3,110	122	3,110	122	3,110			122	3,110		
DIMENSIONS	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	in	mm	126	3,205	126	3,205	126	3,205			126	3,205		
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	in	mm	128	3,259	128	3,259	128	3,259			128	3,259		
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)	in	mm	127	3,235	127	3,235	127	3,235			127	3,235		
DIMENSIONS	4-8	Seat height to seat point index (SIP)	in	mm	75	1,903	75	1,903	75	1,903			75	1,903		
	4-19	Overall length	in	mm	269	6,828	269	6,828	269	6,828			269	6,828		
	4-20	Length to load face	in	mm	197	4,998	197	4,998	197	4,998			197	4,998		
DIMENSIONS	4-21	Overall width of truck	in	mm	100	2,541	100	2,541	100	2,541			100	2,541		
	4-22	Fork dimension	in	mm	3.5 / 8 / 72	90 / 200 / 1,830	3.5 / 8 / 72	90 / 200 / 1,830	3.5 / 8 / 72	90 / 200 / 1,830			3.5 / 8 / 72	90 / 200 / 1,830		
	4-23	Fork carriage type	Type	Type	Standard pin type carriage				Standard pin type carriage				Standard pin type carriage			
DIMENSIONS	4-24	Carriage width	in	mm	98.3	2,496	98.3	2,496	98.3	2,496			98.3	2,496		
	4-25-1	Fork spread, min (in-in)	in	mm	2.8	70	2.8	70	2.8	70			2.8	70		
	4-25-2	Fork spread, max (out-out)	in	mm	95.3	2,420	95.3	2,420	95.3	2,420			95.3	2,420		
DIMENSIONS	4-31	Ground clearance, under mast with load	in	mm	10	245	10	245	10	245			10	245		
	4-32	Ground clearance, center of wheelbase	in	mm	13	341	13	341	13	341			13	341		
	4-34	Minimum aisle width (add load length & clearance)	in	mm	215	5,473	215	5,473	215	5,473			215	5,473		
DIMENSIONS	4-35	Outside turning radius	in	mm	180	4,584	180	4,584	180	4,584			180	4,584		
	5-1	Travel speed, with / without load	mph	km/h	15	25	15	25	15	25			15	25		
	5-2	Lifting speed, with / without load	ft/min	m/s	81	0.41	91	0.46	81	0.41	91	0.46	81	0.41	91	0.46
PERFORMANCE	5-3	Lowering speed, with / without load	ft/min	m/s	98	0.50	94	0.48	98	0.50	94	0.48	98	0.50	94	0.48
	5-5	Drawbar pull - 1 mph (1.6 km/h), with / without load	lbs.	kN	5,300	30	6,500	33	5,200	30	6,400	33	4,900	30	6,300	32
	5-6	Drawbar pull - stall, with / without load	lbs.	kN	12,600	63	13,700	65	12,400	62	13,600	65	12,200	62	13,600	65
PERFORMANCE	5-7	Gradeability - 1 mph (1.6 km/h), with load / without load	%		10 / 18				9 / 17				8 / 16			
	5-8	Gradeability - stall, with load / without load	%		20 / 28				19 / 27				17 / 29			
	6-1	Traction motor rated/peak power	hp	kW	62	46	145	108	62	46	145	108	62	46	145	108
ELECTRIC	6-2	Hydraulic motor rated/peak power	hp	kW	99	74	223	166	99	74	223	166	99	74	223	166
	6-3	Battery type	Type		Li-ion				Li-ion				Li-ion			
	6-4	Battery voltage	V		350				350				350			
ELECTRIC	6-4-1	Battery - nominal capacity (range)	Ah	kWh	195 - 589	69 - 206	195 - 589	69 - 206	195 - 589	69 - 206			195 - 589	69 - 206		
		Max number of battery packs			3				3				3			
		Cooling system	Type		Water-cooled motors, inverter/controller				Water-cooled motors, inverter/controller				Water-cooled motors, inverter/controller			
DRIVE	8-1	Drive control / transmission	Type		Electric motor				Electric motor				Electric motor			
	8-3	Wheel drive / drive axle manufacturer / type	Type		Kessler / D81				Kessler / D81				Kessler / D81			
	8-4	Service brake	Type		Oil immersed (wet) disc				Oil immersed (wet) disc				Oil immersed (wet) disc			
MISC	8-5	Parking brake	Type		Spring apply, dry disc on drive axle				Spring apply, dry disc on drive axle				Spring apply, dry disc on drive axle			
	10-1	Operating pressure for attachments	psi	MPa	3,263	22.5	3,263	22.5	3,263	22.5			3,263	22.5		
	10-2	Oil volume for attachments	gpm	l/m	26.4	100	26.4	100	26.4	100			26.4	100		
MISC	10-3	Hydraulic tank capacity	gal	l	37	140	37	140	37	140			37	140		
	10-5	Steering design	Type		Hydraulic power steering				Hydraulic power steering				Hydraulic power steering			
	10-6	Number of steering rotation	Type		4.5				4.5				4.5			

J360XD36-48 SPECIFICATIONS



			Hyster Company									
			J360XD36				J360XD48					
GENERAL	1-1	Manufacturer			Electric / 350V				Electric / 350V			
	1-2	Model designation										
WEIGHTS	1-3	Powertrain / voltage										
	1-5	Rated load capacity	lbs.	kg	36,000		16,330		36,000		16,330	
	1-6	Load center	in	mm	36		914		48		1,219	
	1-8	Load distance	in	mm	35		887		35		887	
	1-9	Wheelbase	in	mm	148		3,750		148		3,750	
	2-1	Total truck weight without load (with batteries)	lbs.	kg	49,205		22,319		52,512		23,819	
	2-2	Axle loading with load, front / rear	lbs.	kg	78,260	35,498	6,944	3,150	81,053	36,765	7,458	3,383
PERFORMANCE	2-3	Axle loading without load, front / rear	lbs.	kg	24,967	11,325	24,238	10,994	24,834	11,264	27,678	12,555
	3-1	Tire type	Type		Pneumatic				Pneumatic			
DIMENSIONS	3-2	Tire size, front	0	0	12.00-20 20PR Bias				12.00-20 20PR Bias			
	3-3	Tire size, rear	0	0	12.00-20 20PR Bias				12.00-20 20PR Bias			
	3-5	Number of tires, front / rear (X driven)	#		x4/2				x4/2			
	3-6	Tread width, front	in	mm	87.3		2,218		87.3		2,218	
	3-7	Tread width, rear	in	mm	78.5		1,994		78.5		1,994	
	4-1	Mast tilt, forward / back	°		15°F / 10°B				15°F / 10°B			
	4-2	Height of mast lowered	in	mm	145		3,680		145		3,680	
PERFORMANCE	4-3	Freelift	in	mm	0		0		0		0	
	4-4	Lift height (top of fork)	in	mm	157		3,984		157		3,984	
	4-5	Height, extended	in	mm	222		5,622		222		5,622	
	4-7	Height to top of operator compartment (open cab)	in	mm	121.4		3,083		121.4		3,083	
	4-7-1	Height, top of operator comp (closed cab)	in	mm	122.4		3,110		122.4		3,110	
	4-7-2	Height, top of operator comp (closed cab w/ airco)	in	mm	122.4		3,110		122.4		3,110	
	4-7-3	Height, top of operator comp (closed cab w/ strobe light)	in	mm	126.2		3,205		126.2		3,205	
	4-7-4	Height, top of operator comp (closed cab w/ work lights)	in	mm	128.3		3,259		128.3		3,259	
	4-7-5	Height, top of operator comp (closed cab w/ airco & strobe)	in	mm	127.4		3,235		127.4		3,235	
	4-8	Seat height to seat point index (SIP)	in	mm	74.9		1,903		74.9		1,903	
	4-19	Overall length	in	mm	310		7,868		310		7,868	
	4-20	Length to load face	in	mm	213.7		5,428		213.7		5,428	
	4-21	Overall width of truck	in	mm	100		2,542		100		2,542	
	4-22	Fork dimension	in	mm	3.9 / 7.9 / 96		100 / 200 / 2,440		3.9 / 7.9 / 96		100 / 200 / 2,440	
	PERFORMANCE	4-23	Fork carriage type	Type		Standard pin type carriage				Standard pin type carriage		
4-24		Carriage width	in	mm	100		2,540		100		2,540	
4-25-1		Fork spread, min (in-in)	in	mm	2.8		70		2.8		70	
4-25-2		Fork spread, max (out-out)	in	mm	96		2,440		96		2,440	
4-31		Ground clearance, under mast with load	in	mm	7		187		7		187	
4-32		Ground clearance, center of wheelbase	in	mm	13		341		13		341	
4-34		Minimum aisle width (add load length & clearance)	in	mm	240		6,087		240		6,087	
4-35		Outside turning radius	in	mm	204.7		5,200		204.7		5,200	
5-1		Travel speed, with / without load	mph	km/h	15	25	15	25	15	25	15	25
5-2		Lifting speed, with / without load	ft/min	m/s	77	0.39	87	0.44	77	0.39	87	0.44
5-3		Lowering speed, with / without load	ft/min	m/s	106	0.54	106	0.54	106	0.54	89	0.45
5-5		Drawbar pull - 1 mph (1.6 km/h), with / without load	lbs	kN	4,800	29	6,200	32	4,700	29	6,100	32
5-6		Drawbar pull - stall, with / without load	lbs	kN	12,000	62	13,400	64	11,900	61	13,300	64
5-7		Gradeability - 1 mph (1.6 km/h), with load / without load	%		8 / 15				7 / 14			
5-8		Gradeability - stall, with load / without load	%		16 / 31				16 / 29			
ELECTRIC	6-1	Traction motor rated/peak power	hp	kW	62	46	145	108	62	46	145	108
	6-2	Hydraulic motor rated/peak power	hp	kW	99	74	223	166	99	74	223	166
	6-3	Battery type	Type		Li-ion				Li-ion			
	6-4	Battery voltage	V		350				350			
	6-4-1	Battery - nominal capacity (range)	Ah	kWh	195 - 785		69 - 275		195 - 752		69 - 275	
DRIVE		Max number of battery packs			4				4			
		Cooling system	Type		Water-cooled motors, inverter/controller				Water-cooled motors, inverter/controller			
	8-1	Drive control / transmission	Type		Electric motor				Electric motor			
	8-3	Wheel drive / drive axle manufacturer / type	Type		Kessler / D81				Kessler / D81			
	8-4	Service brake	Type		Oil immersed (wet) disc				Oil immersed (wet) disc			
	8-5	Parking brake	Type		Spring apply, dry disc on drive axle				Spring apply, dry disc on drive axle			
MISC	10-1	Operating pressure for attachments	psi	MPa	2,828		19.5		2,828		19.5	
	10-2	Oil volume for attachments	gpm	l/m	26.4		100		26.4		100	
	10-3	Hydraulic tank capacity	gal	l	37		140		37		140	
	10-5	Steering design	Type		Hydraulic power steering				Hydraulic power steering			
10-6	Number of steering rotation	Type		5.4				5.4				

> BATTERY CHARGER SPECIFICATIONS

INPUT VOLTAGE	CHARGE RATE (KW)	ENCLOSURE SIZE						CHARGER PLUG CABLE LENGTH		OPERATING RANGE		MANUFACTURER
		HEIGHT		WIDTH		THICKNESS		FT	M	F	C	
		IN	MM	IN	MM	IN	MM					
480V, 3 PHASE, 60HZ	10	65	1654	40	1006.5	20	503	25	7.62	-4° to 122°	-20° to 50°	BORG WARNER
480V, 3 PHASE, 60HZ	36	65	1654	40	1006.5	20	503	25	7.62	-4° to 122°	-20° to 50°	BORG WARNER
480V, 3 PHASE, 60HZ	45	65	1654	40	1006.5	20	503	25	7.62	-4° to 122°	-20° to 50°	BORG WARNER
480V, 3 PHASE, 60HZ	75	65	1654	72	1822	20	503	25	7.62	-4° to 122°	-20° to 50°	BORG WARNER
480V, 3 PHASE, 60HZ	90	65	1654	72	1822	20	503	25	7.62	-4° to 122°	-20° to 50°	BORG WARNER

NOTES:

Specifications are affected by the condition of the vehicle and how it is equipped, as well as the nature and condition of the operating area. Inform your dealer of the nature and condition of the intended operating area when purchasing your Hyster® truck.

Wall power cable not included. | Enclosure rating IP54 | Equipped with emergency stop and anti-arc

CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at the time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck. Performance specifications are for a truck equipped as described under Standard Equipment on this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature, condition of the operating area, proper service and maintenance of the vehicle. If these specifications are critical, the proposed application should be discussed with your dealer.

Specification data is based on VDI 2198.

> STANDARD AND OPTIONAL EQUIPMENT

PERFORMANCE	STD	OPT
350V integrated lithium-ion battery with battery management system (1)	x	
Two 350V integrated lithium-ion batteries with battery management system (2)	x	
One additional 350V lithium-ion battery pack		x
Two additional 350V lithium-ion battery packs (4)		x
Traction motor rated 62 hp (46 kW) / peak 145 hp (108 kW)	x	
On-demand cooling fan	x	
Liquid cooling system for motors and controllers	x	
Performance modes selectable in Integrated Performance Display	x	
Powertrain protection system	x	
Kessler D61 drive axle with wet disc brakes (1)	x	
Kessler D81 drive axle with wet disc brakes (2)	x	
DRIVE	STD	OPT
Travel speed limiter - unconditional and customer adjustable		x
Travel speed limiter - loaded (adjustable)		x
10.00 – 20 16PR Pneumatic bias ply drive and steer tires (1)	x	
10.00 – R20 Michelin XZM radial drive and steer tires (1)		x
10.00 – R20 Trelleborg radial drive and steer tires (1)		x
10.00 – 20 Pneumatic shaped solid drive and steer tires (1)		x
12.00 – 20 20PR Trelleborg pneumatic bias ply drive and steer tires (2)	x	
12.00 – R20 Michelin XZM radial drive and steer tires (2)		x
12.00 – R20 Trelleborg radial drive and steer tires (2)		x
12.00 – 20 Pneumatic shaped solid drive and steer tires (2)		x
LIFT		
Hydraulic motor rated 99 hp (74 kW) / peak 223 hp (166 kW)	x	
On-Demand Load Sensing Hydraulic System	x	
Variable lap mast for low roller forces (3)	x	

LIFT	STD	OPT
2-Stage non free lift mast	x	
2-Stage full free lift mast		x
3-Stage full free lift mast		x
Mast tilt – 5° forward / 6° back (3)		x
Mast tilt – 5° forward / 12° back (3)		x
Mast tilt – 6° forward / 10° back (4)	x	
Mast tilt – 10.5° forward / 12° back (4)		x
Mast tilt – 15° forward / 10° back		x
Mast tilt – 15° forward / 12° back (3)	x	
Mast tilt – 20.5° forward / 7° back (3)		x
Hydraulic accumulator		x
Pressure compensated lowering	x	
Hydraulic system temperature protection with performance de-rate		x
HANDLING	STD	OPT
Mast tilt indicator - mechanical		x
94.3" (2396mm) Pin type carriage with mechanical fork locks (1)	x	
94.3" (2396mm) Pin type carriage with simultaneous and independent fork positioner (1)		x
94.3" (2396mm) Pin type carriage with simultaneous and independent fork positioner (for lumber applications) (1)		x
94.3" (2396mm) Pin type apron-style sideshift carriage (1)		x
92.5" (2350mm) Pin type apron-style sideshift carriage with simultaneous fork positioner (1)		x
94.3" (2396mm) Pin type apron-style sideshift carriage with simultaneous and independent fork positioner (1)		x
94.3" (2396mm) Pin type apron-style sideshift carriage with simultaneous and independent fork positioner (for lumber applications) (1)		x
94.4" (2398mm) QD Hook type dual function sideshift carriage with simultaneous and independent fork positioner (1)		x

STANDARD AND OPTIONAL EQUIPMENT



HANDLING	STD	OPT
94.4" (2398mm) QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions (1)		x
98.3" (2496mm) Pin type carriage with mechanical fork locks (5)	x	
98.3" (2496mm) Pin type carriage with simultaneous and independent fork positioner (5)		x
98.3" (2496mm) Pin type apron-style sideshift carriage (5)		x
98.4" (2500mm) Pin type apron-style sideshift carriage with simultaneous fork positioner (5)		x
98.3" (2496mm) Pin type apron-style sideshift carriage with simultaneous and independent fork positioner (5)		x
98.3" (2498mm) QD Hook type dual function sideshift carriage with simultaneous and Independent fork positioner (5)		x
98.3" (2498mm) QD Hook type dual function sideshift carriage with simultaneous fork positioner and 2 auxiliary functions (5)		x
100" (2540mm) Pin type carriage with mechanical fork locks (4)	x	
100" (2540mm) Pin type carriage with individual fork positioner (4)		x
100" (2540mm) Pin type apron-style sideshift carriage (4)		x
100" (2540mm) Dual function sideshift carriage with individual fork positioner with integral forks (4)		x
100" (2540mm) Dual function sideshift carriage with individual fork positioner with quick disconnect forks (4)		x
100" (2540mm) Pin type apron-style sideshift carriage with individual fork positioner (4)		x
69" (1760mm) High load backrest (1)		x
72" (1824mm) High load backrest (5)		x
79" (2010mm) High load backrest (1)		x
80" (2040mm) High load backrest (5)		x
98" (2500mm) High load stabilizer (for lumber applications) (3)		x
48" Long x 3" thick x 7.9" wide (1220mm x 75mm x 200mm) forks (1)	x	
72" Long x 3.5" thick x 7.9" wide (1830mm x 90mm x 200mm) forks (5)	x	
96" Long x 3.9" thick x 7.9" wide (2440mm x 100mm x 200mm) forks (4)	x	
96" (2440mm) length hook type forks (4)		x
96" (2440mm) length integral forks (4)		x
Pin type forks (various sizes) (3)		x
Pin type forks for lumber applications (3)		x
Hook type quick disconnect DFSSFP forks (various sizes) (3)		x
ERGONOMICS	STD	OPT
Enclosed operator cabin	x	
Powered tilt operator compartment for service		x
Manual tilt operator compartment for service	x	
Isolated cabin mounting for low noise and vibration	x	
Operator presence system	x	
Mechanical suspension seat	x	
Air suspension seat		x
Deluxe air suspension seat		x
Low backrest seat	x	
High backrest seat		x
Armrest on left side		x
Cloth seat cover		x

ERGONOMICS	STD	OPT
Vinyl seat cover	x	
Seat heating		x
Seat ventilation		x
2-point high visibility seatbelt	x	
Lateral seat sliding mechanism		x
Floor mat	x	
Coat hook	x	
Front, top and rear wipers		x
"H"-pattern front wiper		x
"I"-pattern front wiper		x
Laminated glass operator compartment front window		x
Tinted operator compartment windows (all)		x
Tinted operator compartment top window		x
Armoured glass rain top		x
Lexan top window		x
Plexiglass shield in front of front window		x
Wire mesh installed on top of operator compartment		x
Vertical steel bar front window guard		x
Operator shield wire mesh		x
7" Integrated Performance Display	x	
Touchpoint™ mini levers hydraulic control integrated in control arm	x	
Joystick hydraulic control integrated in control arm		x
Steering wheel without spinner knob	x	
Steering wheel with spinner knob		x
Directional control lever on steering column	x	
Hyster Monotrol pedal directional control		x
Directional control on mini-levers or joystick		x
Park brake – push button applied	x	
Park brake – automatically applied		x
Interior wide angle mirrors	x	
Heater with adjustable speed fan		x
Telescoping & tilting steering column	x	
USB outlet inside armrest	x	
24-12 volt DC converter with 1 socket and 2 USB outlets	x	
24-12 volt DC converter with 2 sockets and 2 USB outlets		x
Air conditioning		x
Automatic climate control		x
Reading light		x
Sun shades on top and rear		x
Sun visors front window		x
Cloth trainer seat with 2-point seatbelt		x
Recirculation fan		x
Additional recirculation fan		x
Accessory mounting bracket on cab front right pillar		x
Document holder on cab front right pillar		x
Heated top- and/or rear window		x
Radio preparation with 2 speakers and antenna		x

➤ STANDARD AND OPTIONAL EQUIPMENT

VISIBILITY	STD	OPT
Steel bars on top of cab (open operator compartment)	x	
Top window with armored glass - enclosed operator cabin	x	
Steel bars under armored glass top window - enclosed operator cabin		x
Exterior mirrors mounted to cab		x
Rear view camera system		x
Radar object detection system		x
Halogen work lights		x
High performance LED work lights		x
Two head lights mounted on front fenders		x
Two mast mounted work lights (4)		x
Four mast mounted work lights (3)		x
Four cabin mounted work lights		x
Two rearward work lights mounted on the cabin		x
LED stop/tail/brake lights	x	
Turn signals, hazard & marker lights (LED)		x
OPERATION	STD	OPT
Air horn 112 dBA		x
Electric horn 105 dBA	x	
Visible alarm – amber strobe light, ignition activated		x
Audible alarm – reverse direction activated 82–102 dB(A), self-adjusting (6)		x
Audible alarm – reverse direction white noise		x
Forward / reverse motion alarm		x
Blue LED spotlight – rear / front and rear		x
Tire pressure monitoring system		x
Air conditioning shut-off with open door		x


OPERATION	STD	OPT
Lockable battery disconnect switch (6)	x	x
Operator password (display) for truck start	x	
Seatbelt Interlock for truck start		x
Power distribution group with fuses	x	
Fuses below 30 amps replaced by electric circuit breakers		x
Hyster Tracker wireless asset management system	x	
Hyster Tracker wireless asset management – access / verification		x
Hyster Tracker wireless asset management – monitoring		x
Auto greasing system for basic truck & outer mast		x
24 volt electrical system	x	
Steer wheel lug nut protection		x
Front and rear mud guards (4)		x
Front and/or rear mud guards (3)		x
Lifting eyes – 2 front and 2 rear		x
APPEARANCE	STD	OPT
Second capacity plate		x
Hyster yellow paint base truck	x	
Special paint base truck		x
Operator compartment special paint (outside only)		x
Hazard warning striping on counterweight		x
SUPPLEMENTAL	STD	OPT
Literature package	x	
Operator's manual	x	
Warranty: 12 months / 2,000 hour truck warranty, 36 months / 6,000 hour electric powertrain warranty, 60 months / 10,000 hour battery warranty	x	

- (1) J230-250XD only
 (2) J300-360XD & J360XD36/48 only
 (3) J230-250XD & J300-360XD only
 (4) J360XD36/48 only
 (5) J300-360XD only
 (6) Standard on J360XD36/48



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