

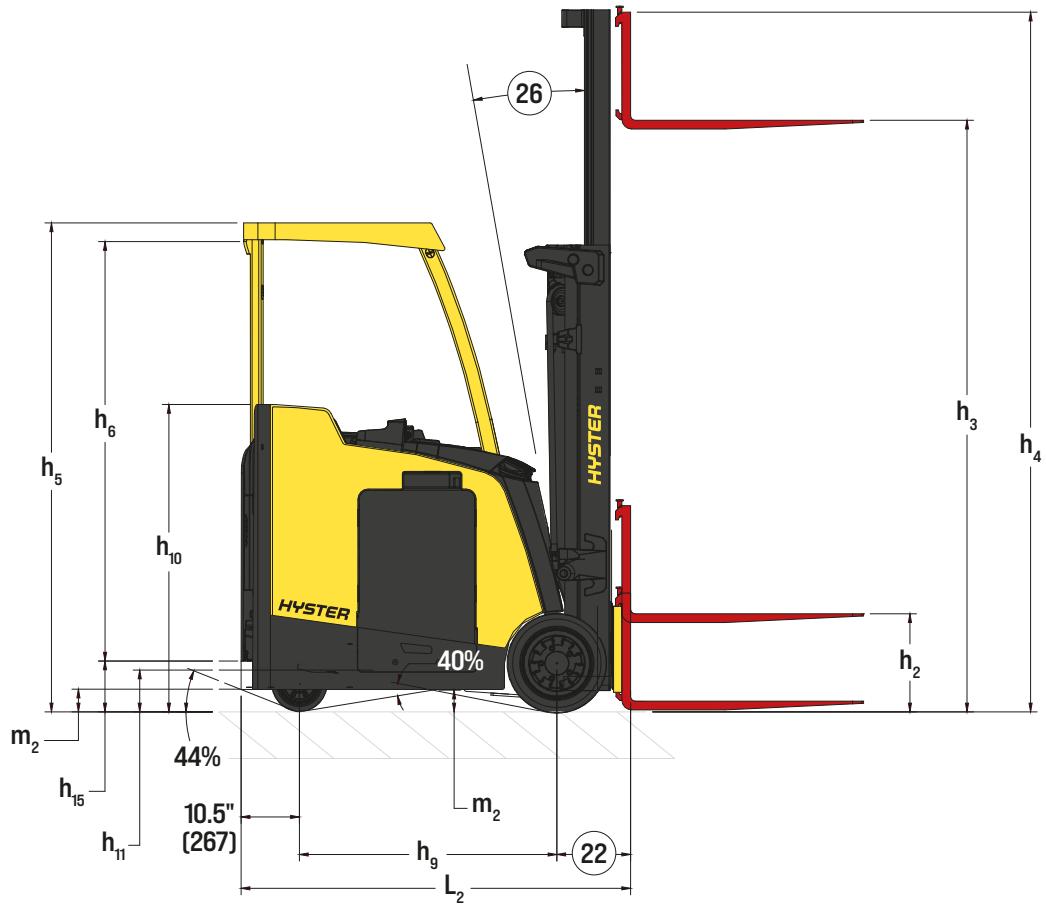
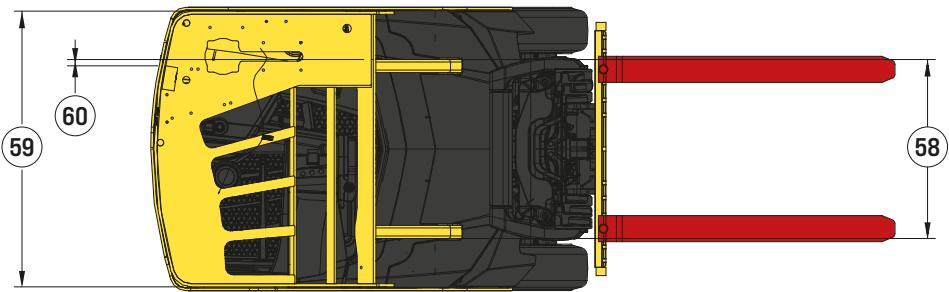
E30-40AD SERIES



**3-WHEEL STAND-UP
ELECTRIC FORKLIFT TRUCK**
Product Technical Guide



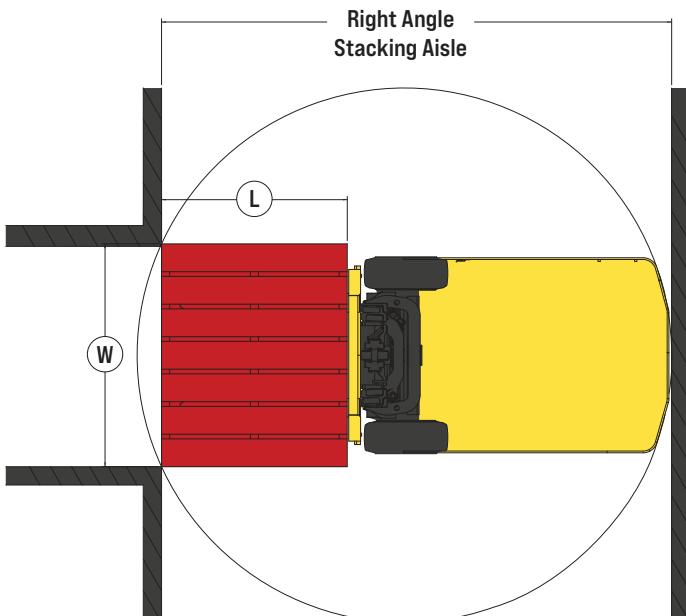
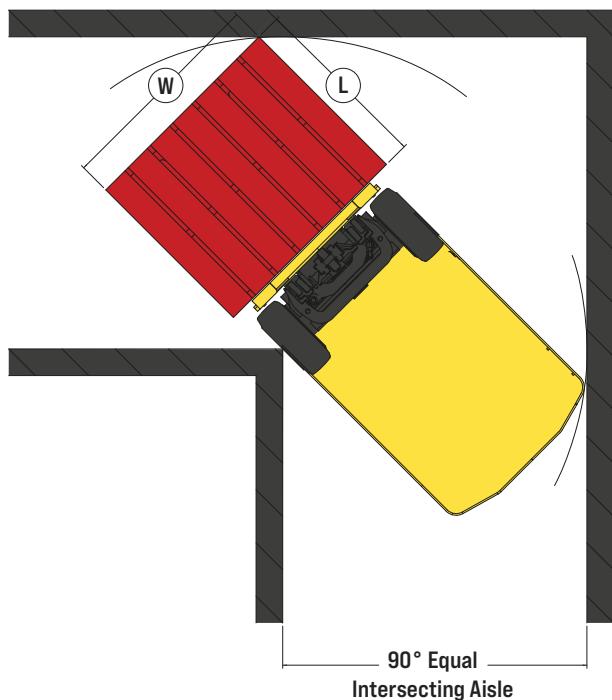
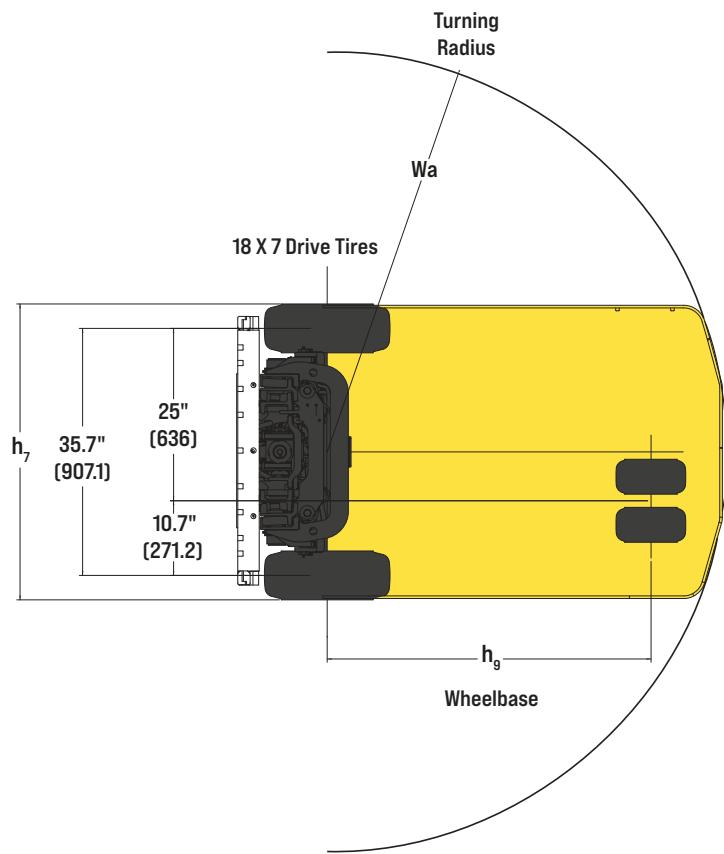
E30-40AD DIMENSIONS



Circled dimensions correspond to the line numbers on the tabulated chart inside the technical guide.
 Dimensions are in inches (millimeters).

* Measurement assumes zero compression of floor plate suspension spring, which varies depending on operator weight (typical 1/2" deflection could be assumed for increased operator height clearance).

E30-40AD DIMENSIONS



E30AD SPECIFICATIONS

GENERAL	1 Manufacturer	Hyster	
	2 Model designation	E30AD	
	3 Power: battery, diesel, LPG, electric mains	Battery	
	4 Operation: manual, pedestrian, stand, sit, seat	Stand	
	5 Load capacity/rated load (max battery)	3000	
	6 Load center	24 (609)	
	7 Unladen weight (no battery)	6800 (3084)	
	8 Axle loading, laden drive/steer (max battery)	9742 / 2156 (4419 / 978)	
	9 Axle loading, unladen drive/steer (max battery)	3731 / 5166 (1692 / 2343)	
TIRES	10 Tires: P=pneumatic, C=cushion, SC=super cushion, PSS=pneumatic shape solid	7020 (3184)	
	11 Tires size: drive	10065 / 2252	
	12 Tires size: steer	4199 / 5118	
	13 Number of wheels, front/rear (x = driven)	(1904 / 2321)	
DIMENSIONS	14 Overall collapsed height of mast, lowered (from ground)	h_1	See Mast Table
	15 Free lift (carriage travel)	h_2	See Mast Table
	16 Max lift height (MFH)	h_3	See Mast Table
	17 Height of mast (extended – highest point)	h_4	See Mast Table
	18 Overhead guard height – standard / optional	h_5	88" (2237) / 83" (2108)
	19 OHG inside clearance (floor to underside of OHG) standard OHG – Std / optional OHG – Opt	h_6	Std 88" – 78.5" (1995) Opt 83" – 73.4" (1865)
	20 Overall length (1067mm forks) without outr with integral sideshift Δ	l_1	105.7" (2686) w/o ISS 107" (2718) w/ISS
	21 Length to face of forks (head length) without outr with integral sideshift Δ	l_2	63.7" (1619) w/o ISS 65" (1651) w/ISS
	22 Load distance – LD	Drive axle to face of forks, w/o ISS [Add 1.28" (32.4mm) for 2/3-stage masts w/ISS]	107.8" (2737) w/o ISS 109" (2769) w/ISS
	22a	[Add 1.09" (27.8mm) for 4-stage mast w/ISS]	65.7" (1670) w/o ISS 67" (1702) w/ISS
	22b		2-Stg: 13.3" (337.6), 14.6" (370) w/ISS 3-Stg: 13.3" (337.6), 14.6" (370) w/ISS 4-Stg: 17.5" (445), 18.6" (473) w/ISS
	23 Overall chassis width	h_7	42.7" (1085)
	24 Fork dimensions	h_8	1.5 x 4 x 42 (38 x 102 x 1067)
	25 Fork adjustment range (outside measurement)	h_9	8" – 33" (203 – 838)
	26 Tilt range fwd/bkwd standard (optional)	Deg	5F / 5B (10F / 5B)
	27 Wheelbase	h_{10}	40 (1014)
	28 Ground clearance, laden, below mast	m_1	3.5 (90)
	29 Ground clearance at center of wheelbase	m_2	4 (102)
	30 Grade clearance	%	44% (38% worn tire)
	31 Gradeability (operating grade)	%	42% (36% worn tire)
PERFORMANCE	32 RAS aisle width with pallets 48" long (parallel to forks), zero clearance (turning radius + load distance + load length) w/integral sideshift Δ	Ast	113.9 (2893)
	33 Equal aisle, 90° intersecting aisle* Δ		68.6 (1743)
	34 Turning radius Δ	Wa	51.3 (1304)
	35 Ground to top of frame side panel (vert)	h_{11}	55 (1396)
	36 Ground to battery compartment floor (top of rollers)	h_{12}	7.5 (190)
	37 Battery compartment height (from top of rollers)	h_{13}	311 (790)
	38 Battery compartment width (across truck)	h_{14}	38.9 (988)
	39 Battery compartment length (fore/aft)	h_{15}	14.25 (362)
	40 Step height	h_{16}	9.3 (237)
	41 Ground to top of forks		1.5 (40)
	42 Max travel speed empty / laden (extended shift: OFF, forks trailing)	mph (km/h)	8.0 / 8.0 (12.9/12.9)
	43 Max travel speed empty / laden (extended shift: OFF, forks fwd)	mph (km/h)	8.0 / 8.0 (12.9/12.9)
	44 Lifting speed empty / laden	Standard – Std	84/63 (0.43/0.32) – Std
	44a	High performance – HP	118/77 (0.6/0.39) – HP
	45 Lowering speed empty / laden	ft/min (m/s)	98 / 102 (0.5/0.52)
	46 Sound level (drive by)	(dB)	63
	47 Hydraulic system operating pressure	psi (bar)	2600 (179)
	48 Park brake type		Spring apply (electric release)
	49 Service brake type		Foot – pedal (regen)
MOTOR & BATTERY	50 Drive motor, rating (60 min rating)	hp (kW)	6 (4.5)
	51 Lifting motor, rating (5 min rating)	hp (kW)	17.7 (13.2) – 15min
	52 Battery voltage	V	36V
	53 Battery – type		Lead acid Thin plate pure lead◊ Lithium-ion◊
	54 Battery weight (min / max)	lb (kg)	1700-2100 (771-953)
OTHER	55 Battery dimensions (W x H x L)	in	1980-2300 (898-1043) 38.56" W x 13.4" L x 31" H
	56 3rd function flow/pressure	gpm / psi	12.0 – 26.0 L/min (3.2–6.9 gal/min), 152 bar (2200 psi) – 206 bar (3000 psi)
	57 4th function flow/pressure	gpm / psi	12.0 – 36.5 L/min (3.2–9.6 gal/min), 152 bar (2200 psi) – 206 bar (3000 psi)
	58 Front leg width	in (mm)	27 (685)
	59 Canopy width	in (mm)	41.6 (1056)
	60 Rear leg offset**	in (mm)	1.25 (32)

* Right angle stack and equal intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, 2-stage LFL mast with Integral Sideshift Carriage, allowing zero clearance.

** Rear leg dimension does not include optional equipment such as work lights, visible alarms or Telemetry, which may reduce clearance.

◊ Optional with Hyster Power Collect

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 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.

E30AD-E35AD SPECIFICATIONS

GENERAL	1	Manufacturer		Hyster
	2	Model designation		E30AD
	3	Power: battery, diesel, LPG, electric mains		Battery
	4	Operation: manual, pedestrian, stand, sit, seat		Stand
	5	Load capacity/rated load (max battery)	lb in [mm]	3000
	6	Load center	lb (kg)	24 (609)
	7	Unladen weight (no battery)	lb (kg)	6470 (2935)
	8	Axle loading, laden drive/steer (max battery)	lb (kg)	10098 / 2064 (4580 / 936)
	9	Axle loading, unladen drive/steer (max battery)	lb (kg)	4363 / 4800 (1979 / 2177)
TIRES	10	Tires: P=pneumatic, C=cushion, SC=super cushion, PSS=pneumatic shape solid		C
	11	Tire size: drive	in	18x7x12-1/8
	12	Tire size: steer	in	10x5x6-1/2
	13	Number of wheels, front/rear (x = driven)		2x / 2
DIMENSIONS	14	Overall collapsed height of mast, lowered (from ground)	h_1	See Mast Table
	15	Free lift (carriage travel)	h_2	See Mast Table
	16	Max lift height (MFH)	h_3	See Mast Table
	17	Height of mast (extended – highest point)	h_4	See Mast Table
	18	Overhead guard height – standard / optional	h_5 in [mm]	88" (2237) / 83" (2108)
	19	OHG inside clearance (floor to underside of OHG) standard OHG – Std / Optional OHG – Opt	h_6 in [mm]	Std 88" – 78.5" (1995) Opt 83" – 73.4" (1865)
	20	Overall length (1067mm forks) without outr with integral sideshift Δ	l_1 in [mm]	109.8" (2788) w/o ISS 111.0" (2820) w/ISS
	21	Length to face of forks (head length) without outr with integral sideshift Δ	l_2 in [mm]	67.8" (1721) w/o ISS 69.0" (1753) w/ISS
	22	Load distance – LD	Drive axle to face of forks, w/o ISS LD (Add 1.28" (32.4mm) for 2/3-stage masts w/ISS)	2-Stg: 13.3" (337.6), 14.6" (370) w/ISS
	22a		LD (Add 1.09" (27.8mm) for 4-stage mast w/ISS)	3-Stg: 13.3" (337.6), 14.6" (370) w/ISS
	22b		LD (Add 1.09" (27.8mm) for 4-stage mast w/ISS)	4-Stg: 17.5" (445), 18.6" (473) w/ISS
	23	Overall chassis width	h_7 in [mm]	42.7" (1085)
	24	Fork dimensions		1.5 x 4 x 42 (38 x 102 x 1067)
	25	Fork adjustment range (outside measurement)	h_8 in [mm]	8" - 33" (203 - 838)
	26	Tilt range fwd/bkwd standard (optional)	Deg	5F / 5B (10F / 5B)
	27	Wheelbase	h_9 in [mm]	43.9 (1116)
	28	Ground clearance, laden, below mast	m_1 in [mm]	3.5 (90)
	29	Ground clearance at center of wheelbase	m_2 in [mm]	4 (102)
	30	Grade clearance	%	41% (36% worn tire)
	31	Gradeability (operating grade)	%	15%
PERFORMANCE	32	RAS aisle width with pallets 48" long (parallel to forks), zero clearance (turning radius + load distance + load length) w/integral sideshift Δ	Ast in [mm]	117.7 (2990)
	33	Equal aisle, 90° intersecting aisle* Δ		69.6 (1768)
	34	Turning radius Δ	Wa in [mm]	55.1 (1399)
	35	Ground to top of frame side panel (vert)	h_{10} in [mm]	55 (1396)
	36	Ground to battery compartment floor (top of rollers)	h_{11} in [mm]	7.5 (190)
	37	Battery compartment height (from top of rollers)	h_{12} in [mm]	311 (790)
	38	Battery compartment width (across truck)	h_{13} in [mm]	38.9 (988)
	39	Battery compartment length (fore/aft)	h_{14} in [mm]	18.3 (464)
	40	Step height	h_{15} in [mm]	9.3 (237)
	41	Ground to top of forks	h_{16} in [mm]	1.5 (40)
	42	Max travel speed empty / laden (extended shift: OFF, forks trailing)	mph (km/h)	8.0 / 8.0 (12.9/12.9)
	43	Max travel speed empty / laden (extended Shift: OFF, forks fwd)	mph (km/h)	8.0 / 8.0 (12.9/12.9)
	44	Lifting speed empty / laden	Standard – Std High performance – HP	ft/min (m/s)
	44a			ft/min (m/s)
	45	Lowering speed empty / laden		ft/min (m/s)
	46	Sound level (drive by)		(dB)
	47	Hydraulic system operating pressure		psi (bar)
	48	Park brake type		Spring apply (electric release)
	49	Service brake type		Foot – pedal (regen)
MOTOR & BATTERY	50	Drive motor, rating (60 min rating)	hp (kW)	6 (4.5)
	51	Lifting motor, rating (5 min rating)	hp (kW)	17.7 (13.2) – 15min
	52	Battery voltage	V	36V
	53	Battery – type		Lead acid Thin plate pure lead◊ Lithium-ion◊
OTHER	54	Battery weight (min / max)	lb (kg)	2300-2700 (1043-1225)
	55	Battery dimensions (W x H x L)	in	38.56" W x 17.9" L x 31" H
	56	3rd function flow/pressure	gpm / psi	12.0 – 26.0 L/min (3.2-6.9 gal/min), 152 bar (2200 psi) – 206 bar (3000 psi)
	57	4th function flow/pressure	gpm / psi	12.0 – 36.5 L/min (3.2-9.6 gal/min), 152 bar (2200 psi) – 206 bar (3000 psi)
	58	Front leg width	in (mm)	27 (685)
	59	Canopy width	in (mm)	41.6 (1056)
	60	Rear leg offset**	in (mm)	1.25 (32)

* Right angle stack and equal intersecting aisle dimensions provided with a 48" long and 40" wide pallet load, 2-stage LFL mast with Integral Sideshift Carriage, allowing zero clearance.

** Rear leg dimension does not include optional equipment such as work lights, visible alarms or Telemetry, which may reduce clearance.

◊ Optional with Hyster Power Collect

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 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.

RL = rated load, NL = no load

Specifications, unless otherwise listed, are for a standard truck without optional equipment.

◊ External mounted operator sensing system egress option will increase length of truck by 1.9" (48mm)

RAS = Turn radius + load distance + load length + clearance

E35AD-E40AD SPECIFICATIONS

GENERAL	1 Manufacturer	Hyster			
	2 Model designation	E40AD	E35AD	E40AD	
	3 Power: battery, diesel, LPG, electric mains		Battery		
	4 Operation: manual, pedestrian, stand, sit, seat		Stand		
	5 Load capacity/Rated Load (max battery)	lb	4000	4000	
	6 Load center	in (mm)	3500 24 (609)		
	7 Unladen weight (no battery)	lb (kg)	7040 (3193)	6780 (3075) 7040 (3193)	
	8 Axle loading, laden drive/steer (max battery)	lb (kg)	11794 / 1940 (5350 / 880)	11156 / 2168 (5060 / 983) 11866 / 2218 (5382 / 1006)	
	9 Axle loading, unladen drive/steer (max battery)	lb (kg)	4147 / 5588 (1881 / 2535)	4635 / 5189 (2102 / 2354) 4414 / 5671 (2002 / 2572)	
TIRES	10 Tires: P=pneumatic, C=cushion, SC=super cushion, PSS=pneumatic shape solid		C		
	11 Tire size: drive	in	18x7x12-1/8		
	12 Tire size: steer	in	10x5x6-1/2		
	13 Number of wheels, front/rear (x = driven)		2x / 2		
DIMENSIONS	14 Overall collapsed height of mast, lowered (from ground)	h ₁		See Mast Table	
	15 Free lift (carriage travel)	h ₂		See Mast Table	
	16 Max lift height (MFH)	h ₃		See Mast Table	
	17 Height of mast (extended - highest point)	h ₄		See Mast Table	
	18 Overhead guard height - standard / optional	h ₅	in (mm)	88" (2237) / 83" (2108)	
	OHG inside clearance (floor to underside of OHG) standard OHG -			Std 88" - 78.5" (1995)	
	Std / optional OHG - Opt	h ₆	in (mm)	Opt 88" - 73.4" (1865)	
	20 Overall length (1067mm forks) without outr with integral sideshift Δ	l ₁	in (mm)	112.2" (2851) w/o ISS 113.5" (2883) w/ISS	
	21 Length to face of forks (head length) without outr with integral sideshift Δ	l ₂	in (mm)	70.2" (1784) w/o ISS 71.5" (1816) w/ISS	
	22 Load distance - LD	Drive axle to face of forks, w/o ISS	LD	in (mm)	112.2" (2851) w/o ISS 113.5" (2883) w/ISS
	22a	(Add 1.28" (32.4mm) for 2/3-stage masts w/ISS)	LD	in (mm)	113.5" (2883) w/ISS
	22b	(Add 1.09" (27.8mm) for 4-stage mast w/ISS)	LD	in (mm)	70.2" (1784) w/o ISS 71.5" (1816) w/ISS
	23 Overall chassis width	h ₇	in (mm)	71.5" (1816) w/ISS	
	24 Fork dimensions			2-Stg: 13.3" (337.6), 14.6" (370) w/ISS	
	25 Fork adjustment range (outside measurement)	h ₈	in (mm)	3-Stg: 13.3" (337.6), 14.6" (370) w/ISS	
	26 Tilt range fwd/bkwd standard (optional)		Deg	4-Stg: 17.5" (445), 18.6" (473) w/ISS	
	27 Wheelbase	h ₉	in (mm)	42.7" (1085)	
	28 Ground clearance, laden, below mast	m ₁	in (mm)	1.5 x 4 x 42 (38 x 102 x 1067)	
	29 Ground clearance at center of wheelbase	m ₂	in (mm)	8"- 33" (203 - 838)	
	30 Grade clearance		%	5F / 5B (10F / 5B)	
PERFORMANCE	31 Gradeability (operating grade)		%	46.4 (1179)	
	32 RAS Aisle width with pallets 48" long (parallel to forks), zero clearance (turning radius + load distance + load length) w/integral sideshift Δ	Ast	in (mm)	3.5 (90)	
	33 Equal aisle, 90° intersecting aisle*Δ		in (mm)	4 (102)	
	34 Turning radius Δ	Wa	in (mm)	41% (36% worn tire)	
	35 Ground to top of frame side panel (vert)	h ₁₀	in (mm)	35.8% (34.6% worn tire)	
	36 Ground to battery compartment floor (top of rollers)	h ₁₁	in (mm)	35.8% (34.6% worn tire)	
	37 Battery compartment height (from top of rollers)	h ₁₂	in (mm)	120 (3048)	
	38 Battery compartment width (across truck)	h ₁₃	in (mm)	70.4 (1788)	
	39 Battery compartment Length (fore/aft)	h ₁₄	in (mm)	57.4 (1458)	
	40 Step height	h ₁₅	in (mm)	55 (1396)	
MOTOR & BATTERY	41 Ground to top of forks	h ₁₆	in (mm)	7.5 (190)	
	42 Max travel speed empty / laden [extended shift: OFF, forks trailing]		ft/min (m/s)	31.1 (790)	
	43 Max travel speed empty / laden [extended shift: OFF, forks fwd]		ft/min (m/s)	38.9 (988)	
	44 Lifting speed empty / laden	Standard - Std	ft/min (m/s)	20.8 (527)	
	44a	High performance - HP	ft/min (m/s)	(w/ 3" spacer for 18" battery)	
	45 Lowering speed empty / laden		ft/min (m/s)	20.8 (527)	
	46 Sound level		(dB)	9.3 (237)	
	47 Hydraulic system operating pressure		psi (bar)	1.5 (40)	
	48 Park brake type			8.0 / 8.0 (12.9/12.9)	
	49 Service brake type			8.0 / 8.0 (12.9/12.9)	
OTHER	50 Drive motor, rating (60 min rating)	hp (kW)		84/63 (0.43/0.32) - Std	
	51 Lifting motor, rating (5 min rating)	hp (kW)		118/77 (0.6/0.39) - HP	
	52 Battery voltage	V		98 / 102 (0.5/0.52)	
	53 Battery - type			63	
	54 Battery weight [min / max]	lb (kg)		2600 (179)	
	55 Battery dimensions (W x H x L)	in		Spring apply (electric release)	
	56 3rd function flow/pressure	gpm / psi		Foot - pedal (regen)	
	57 4th function flow/pressure	gpm / psi		6 (4.5)	
	58 Front leg width	in (mm)		17.7 (13.2) - 15min	
	59 Canopy width	in (mm)		36V	
	60 Rear leg offset**	in (mm)		Lead acid Thin plate pure lead Lithium-ion®	
				2300-2700 (1043-1225) 2500-3050 (1152-1383) 2695-3050 (1222-1383)	
				38.56" W x 17.9" L x 31" H 38.56" W x 20.4" L x 31" H	

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◊ Optional with Hyster Power Collect

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BATTERY SPECIFICATIONS

E30-40AD BATTERY & COMPARTMENT SPECIFICATIONS

TRUCK MODEL	COMPARTMENT DIMENSIONS			BATTERY DIMENSIONS - MAX			VOLTS	NO. OF CELLS	PLATES PER CELL	MAX CAPACITY	WEIGHT	
	WIDTH	LENGTH	HEIGHT	X	Y	Z				6 HR RATE	MIN	MAX
	IN (MM)			IN (MM)						AMP HR (KWH)	LB (KG)	
E30AD Standard 14.25" compartment	38.9 (988)	14.25 (362)	31.1 (790)	38.5 (978)	13.9 (352)	31 (787)	36	18	11	775 (27.1)	1700 (771)	2100 (953)
E30AD Standard 16.26" compartment	38.9 (988)	16.26 (413)	31.1 (790)	38.5 (978)	15.9 (403)	31 (787)	36	18	13	930 (32.5)	1980 (898)	2300 (1043)
E30AD Standard 18.3" compartment	38.9 (988)	18.3 (465)	31.1 (790)	38.5 (978)	17.9 (455)	31 (787)	36	18	15	1085 (37.9)	2300 (1043)	2700 (1225)
E35AD Standard 18.3" compartment	38.9 (988)	18.3 (465)	31.1 (790)	38.5 (978)	17.9 (455)	31 (787)	36	18	15	1085 (37.9)	2300 (1043)	2700 (1225)
E35AD Optional 20.8" compartment	38.9 (988)	20.8 (528)	31.1 (790)	38.5 (978)	20.4 (518)	31 (787)	36	18	17	1240 (43.3)	2500 (1152)	3050 (1383)
E40AD Standard 20.8" compartment	38.9 (988)	20.8 (528)	31.1 (790)	38.5 (978)	20.4 (518)	31 (787)	36	18	17	1240 (43.3)	2695 (1222)	3050 (1383)
E40AD *Optional 18.3" Compartment	38.9 (988)	18.3 (465)	31.1 (790)	38.5 (978)	17.9 (455)	31 (787)	36	18	15	1085 (37.9)	2300 (1043)	2700 (1225)

Battery compartment length is measured from front to rear.
Battery compartment width is measured across the truck.

Battery connector: 350 amp/36 volt.
Battery lead: Length 20" (508 mm) "B" position.
* 20.8" battery compartment with a 3.0" spacer to accommodate an 18" battery.

E30-40AD MAST DIMENSIONS

MAX FORK HEIGHT (T.O.F.)	OVERALL LOWERED HEIGHT	EXTENDED HEIGHT W/LBR	EXTENDED HEIGHT W/O LBR	FREE LIFT HEIGHT W/LBR	FREE LIFT HEIGHT W/O LBR
IN (MM)	IN (MM)	IN (MM)	IN (MM)	IN (MM)	IN (MM)
2-STAGE LIMITED FREE LIFT (LFL) MAST					
132 (3360)	86 (2186)	181 (4597)	152 (3855)	0 (0)	0 (0)
140 (3560)	90 (2286)	189 (4797)	160 (4055)	0 (0)	0 (0)
2-STAGE FULL FREE LIFT (LFL) MAST TRUCKERS MAST					
79 (2026)	61 (1536)	129 (3263)	100 (2521)	0 (0)	0 (0)
2-STAGE FULL FREE LIFT (FFL)					
133 (3390)	86 (2186)	183 (4627)	153 (3885)	39 (998)	68 (1730)
141 (3590)	90 (2286)	191 (4827)	161 (4085)	43 (1098)	72 (1830)
3-STAGE (FFL) MAST					
187 (4750)	82 (2086)	236 (5987)	207 (5245)	35 (898)	64 (1630)
192 (4900)	84 (2136)	242 (6137)	213 (5395)	37 (948)	66 (1680)
198 (5050)	88 (2236)	248 (6287)	219 (5545)	41 (1048)	70 (1780)
222 (5650)	98 (2486)	272 (6887)	242 (6145)	51 (1298)	79 (2030)
228 (5800)	100 (2536)	278 (7037)	248 (6295)	53 (1348)	81 (2080)
246 (6250)	108 (2736)	295 (7487)	266 (6745)	60 (1548)	89 (2280)
4-Stage (FFL) Mast					
240 (6098)*	84 (2136)*	289 (7335)*	260 (6593)*	39 (998)*	68 (1730)*
264 (6709)*	92 (2336)*	313 (7946)*	284 (7204)*	47 (1198)*	75 (1930)*
276 (7010)†	96 (2436)†	325 (8247)†	296 (7505)†	51 (1298)†	79 (2030)†
288 (7314)†	100 (2536)†	337 (8551)†	308 (7809)†	55 (1398)†	83 (2130)†

* Available on 3000 / 3500 / 4000 lb trucks with 18.3" or 20.8" battery compartment only

† Available on 3500 / 4000 lb trucks with 20.8" battery compartment only

FEATURES AND OPTIONS

PERFORMANCE	STD	OPT	
AC transistor controlled hydraulics	x		
36-Volt (includes 350 amp gray battery connector)	x		
4 independent fully programmable performance modes - programmable traction speed and acceleration, lift and lower speeds	x		
Dynamic Stability System (DSS)		x	
AC transistor controlled hydraulics - high performance lift		x	
Return to set tilt		x	
DRIVE	STD	OPT	
Park brake (spring applied, electrically released)	x		
Drive tires - 18" x 7" x 12.1" - smooth rubber black (67 durometer) (E30-35AD)	x		
Drive tires - 18" x 7" x 12.1" - polyurethane (92 durometer) (E40AD)	x		
Steer tires - 10" x 5" x 6.5" - polyurethane - smooth (92 durometer)	x		
Various drive & steer tire types		x	
LIFT	STD	OPT	
2-stage - limited free lift mast	x		
38.5" (977mm) wide - class II - hook type carriage	x		
48" high load backrest extension	x		
Tilt (5° fwd, 5° back)	x		
2-stage - full free lift mast		x	
3-stage - full free lift mast		x	
4-stage - full free lift mast		x	
Integral sideshift		x	
Integral sideshifting fork positioner		x	
36" high load backrest extension		x	
Tilt (10° fwd, 5° back)		x	
Reduced speed tilt		x	
Tilt interlock		x	
Hydraulic attachment extension tubes with and without quick disconnect fittings		x	
Mast lift limit without override		x	
Mast lift limit with override		x	
Load weight display		x	
Fork height display		x	
Hydraulic accumulator (SPED)		x	
Various load backrest heights (SPED)		x	
HANDLING	STD	OPT	
Forks: 1.5" x 4.0" (38 mm x 102 mm) 42"(1067 mm) class II, hook type - standard taper	x		
Multifunction control handle with simultaneous hydraulic functions (fully proportional)	x		
Various fork lengths and types (polished and full bottom taper)		x	
ERGONOMICS	STD	OPT	
Sidestance operator compartment with fixed armrest and multifunction control handle	x		
Steer system - hydraulic with fixed steer tiller position	x		
Hyster® Operator Sensing System	x		
Low profile anti-fatigue floormat	x		
Operator floor - fixed cushion	x		
Low step height	x		
Padded operator compartment			x
Knee and hip pads			x
Operator floor - fixed ultra cushion			x
Hyster intelligent ride floor system (full suspension floor)			x
Sidestance operator compartment with adjustable armrest and multifunction control handle			x
Operator overhead fan			x
Dual LED head lights (mast mounted or overheadguard mounted)			x
LED work lights (upward facing - height activated), mast-mounted			x
Rear LED worklight			x
Operator desktop LED light			x
OPERATION	STD	OPT	
Standard construction			x
UL classification 'E'			x
Sidestance operator controls			x
Key switch start			x
Automotive steering			x
Static strap			x
Electronic horn			x
Sealed battery rollers			x
88" drive in rack overhead guard			x
Power disconnect button			x
2.8" touchscreen display			x
83" drive in rack overhead guard			x
Keyless start			x
7" touchscreen display			x
Battery gate interlock			x
Washdown package for food			x
UL classification "EE"			x
SubZero freezer construction (operating temperatures -40°F to 120°F) with rubber floormat			x
Heated multifunction control handle			x
Rotary joystick			x
Audible back-up and motion alarms (various functions)			x
Visible amber strobe light - continuous activated (various functions)			x
Blue LED spotlight, front/rear and/or continuous/directionally activated			x
OPERATION	STD	OPT	
Red line zone lights - left/right side and/or rear - continuous operation			x
Awareness lights - signature lights			x
Automatic light sensor			x
Fire extinguisher			x
RF terminal bracket			x
RF handheld scanner holder			x
Work accessories mount			x
Clip board			x
Dual USB charger port			x
12V aux power receptacle			x
12V power supply: key-activated			x
12V power supply: continuous power			x
Truck voltage pwr supply: key-activated			x
Truck voltage pwr supply: continuous power			x
Storage utility tray			x

FEATURES AND OPTIONS (CONTINUED)

OSS externally-mounted egress sensor		x
Less OHG ¹		x
Rear operator compartment door (SPED) ²		x
Hyster Tracker™ ³	x	
Hyster Reaction™		x
Pedestrian awareness camera (SPED)		x
ENERGY SYSTEM	STD	OPT
Lead acid	x	
Hyster Power Collect™		x
SUPPLEMENTAL	STD	OPT
12 month / unlimited hours full truck warranty	x	
36 month / 6,000 hour powertrain warranty	x	
Lifetime frame warranty	x	
Operating manual	x	
Parts manuals		x

(1) Requires dealer/customer verification confirming that the application meets ANSI/ITSDF B56.1 Section 4.5.1.4. A truck without an overhead guard cannot be used where there is risk of stacked loads falling on the driver. Contact Applications Engineering for additional details.
 NOTE: Special Chassis mounted headlights, work light and strobe light options are available for trucks that are not fitted with an overhead guard.

(2) Doors are intended to protect the operator from objects that may enter the operator's compartment but they may also slow the operator's egress in emergency situations.
 A review of the forklift's intended environment should be conducted before selecting a door as optional equipment.

(3) Level 1 Telemetry is standard on the units with 84 months Communication Fee included, Level 2 and Level 3 are optional, including additional Communication Timing Limits.



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