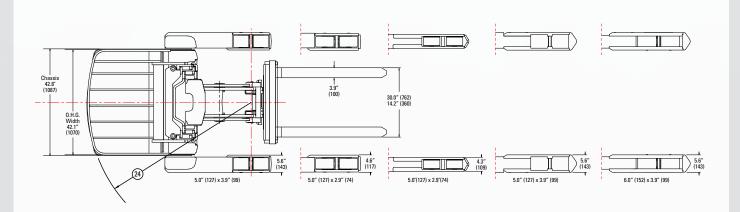
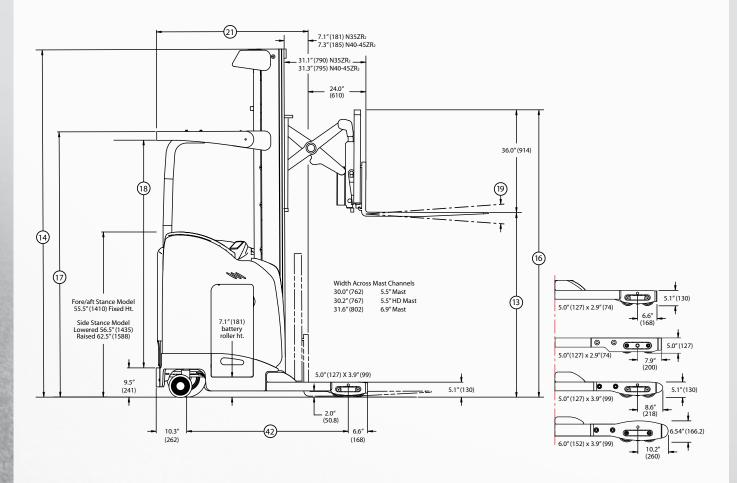




N30-45ZR₂/ZDR₂ SERIES TECHNICAL GUIDE

N35-45ZR₂ DIMENSIONS





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



	1	Manufacturer Name		Hyster C	Company	Hyster C	Company	Hyster Company		
	2	Model		N35		N40			ZR ₂	
	3	Wheel Base Designation		1400)		VB	1410)	
4	4	Rated Capacity	lb. (kg)	3500	(1500)	4000	,	4500	(2041)	
	5	Load Center, Distance	in (mm)	3300	(1300)	24 (4500	(2041)	
GENERAL	6	Power Type - Electric, Diesel, LPG	111 (111111)			Electric				
l °	7	Operator Type				Sta				
	8	Tire Type - Load/Caster/Drive			Poly / Po		iliu	Poly / Po	oly / Vulk	
	9	Wheels, Number Load/Drive (x=driven)			1019/10	4/2) /1 v)	T Oly / T	ny / vuik	
	10	Truck Weight, without Battery (approximate)	lb.	/0	50	50		F./	00	
¥	11	mack Weight, without battery (approximate)	10.	Front	Rear	Front Rear				
≤	12	Axle Loading - Front/Rear with Assemble Retracted **	lb.	6750	3800	Front 7400	Rear 3700	8400	3800	
	13	Height, Standard Lift (TOF)	in (mm)	0730	3000	7400	3700	0400	3000	
	14	Height, Standard Mast Lowered (OALH)	in (mm)							
	15	Height, Standard Wast Lowered (OALTY) Height, Freelift (TOF)	in (mm)							
	16	Height, Standard Mast Extended w/LBR	in (mm)			See Ma	st Table			
	17	Height, Top of OHG	in (mm)							
	18	Height, Operator Clearance	in (mm)							
	19	Mast Tilt Angle, Forward/Back	degrees°			3,	/ /			
	20	Forks, Standard (Length x Width x Thickness)	in.	1 G v 2	.9 x 42	1.8 x 3		10 v 2	.9 x 42	
DIMENSIONS	21	Headlength to Face of Forks - All Battery Compartments ***	in (mm)	1.0 % 3	.0 / 4/	See Ma		1.0 X 3	.0 / 4/	
SIG	22	Basearm OEC	in (mm)			34"- 49" (1"				
I	23	Battery Compartment Size, 14.5" Battery Compartment - (LxWxH)	in.		20.0 v 1/	1.5 x 31.5	increments)	I N	/A	
旨	23	Battery Compartment Size, 16.5" Battery Compartment - (LXWXH)	in.		33.0 X 12	39.0 x 16	S E v 21 E	I IN	/A	
		Battery Compartment Size, 18.5" Battery Compartment - (LXWXH)	in.		N	/A	J.J X 31.J	20.0 v 10) 5 v 21 5	
		Battery Compartment Size, 10.5" Battery Compartment - (LXWXH)	in.			/A /A		39.0 x 18.5 x 31.5		
	24	Turning Radius - minimum outside, 14.5" Battery Compartment	in.			.74		39.0 x 21.5 x 31.5 N/A		
	24	Turning Radius - minimum outside, 14.5 Battery Compartment Turning Radius - minimum outside, 16.5" Battery Compartment	in.							
		Turning Radius - minimum outside, 18.5" Battery Compartment	in.	67.74 67.90 N/A 69.90						
		Turning Radius - minimum outside, 10.3 Battery Compartment Turning Radius - minimum outside, 21.5" Battery Compartment	in.	N/A 59.90 N/A 72.90						
	25	Aisle Width - Zero Clearance - Right Angle Stack	see chart		IN.	See "RA	S" Tahla	12	.50	
		Stability - Comply with ANSI	See chart							
	27	Travel Speed		Yes Standard Optional Standard Optional Standard					Optional	
	28	Rearward (chassis first) - Empty/RL	mph	7.4/6.5	N/A	7.4/6.5	N/A	7.4/6.5 [†]	8.0/6.5 [†]	
	29	Forward (forks first) - Empty/RL	mph	7.4/6.5	N/A	7.4/6.0	N/A	7.4/5.8 [†]	8.0/5.8 [†]	
Ж	30	Lift Speed	,	Standard	Optional	Standard	Optional	Standard	Optional	
Ĭ	31	Empty	ft./min	100	N/A	100	114	114	130	
Ę	32	2,000 lb.	ft./min	75	N/A	75	86	86	98	
PERFORMANCE	33	3,000 lb.	ft./min	69	N/A	69	78	78	90	
	34	3,500 lb.	ft./min	64	N/A	64	72	72	84	
	35	4,000 lb.	ft./min	N/A	N/A	60	68	68	78	
	36	4,500 lb.	ft./min	N/A	N/A	N/A	N/A	65	74	
	37	Lowering Speeds, Empty	ft./min	9	5	9	5	1)5	
	38	Lowering Speeds, RL	ft./min	9	5	9	5	11	05	
	39	Size - Front Load Wheels, Standard		5 x	3.9	5 x	3.9	5 x	3.9	
	40			Drive	Caster	Drive	Caster	Drive	Caster	
ES ES	41	Size, Standard - Drive Tire/Dual Casters		12.0 x 5.5	7.9 x 2.2	12.0 x 5.5	7.9 x 2.2	13.5 x 5.5	7.9 x 2.2	
Ę	42	Wheelbase - 14.5" Battery Compartment	in.		55	.35		N	/A	
S		Wheelbase - 16.5" Battery Compartment	in.			57	.36			
WHEELS & TIRES		Wheelbase - 18.5" Battery Compartment	in.			/A		59	.37	
₹		Wheelbase - 21.5" Battery Compartment	in.	N/A				62	.36	
		Brakes, Method of Control - Service/Parking								
	44	Brakes, Method of Operation - Service/Parking					Electric Release			
	45	Battery Type				Lead	Acid	,		
ಲ	46	Traction Motor Rating (60 minute rating)	hp (kw)			(5.6)		7.5 (5.6)	8.7 (6.5)	
ELECTRIC	47	Hoist Motor Rating (5 minute rating)	hp (kw)	14.8	(11.0)	14.8 (11.0)	18.0 (13.4)	18.0 (13.4)	20.7 (15.4)	
I H	48	Traction Motor Control Method				Trans				
	49	Hoist Motor Control Method				Trans				
	50	Number of Speeds				Infinitely	Variable			

^{**} Static with Rated Load and Max. Wt. Battery

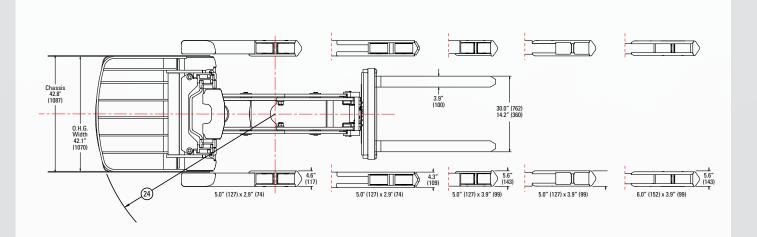
CERTIFICATION: Hyster lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture. Certification of compliance with the applicable ANSI standards appears on the lift truck.

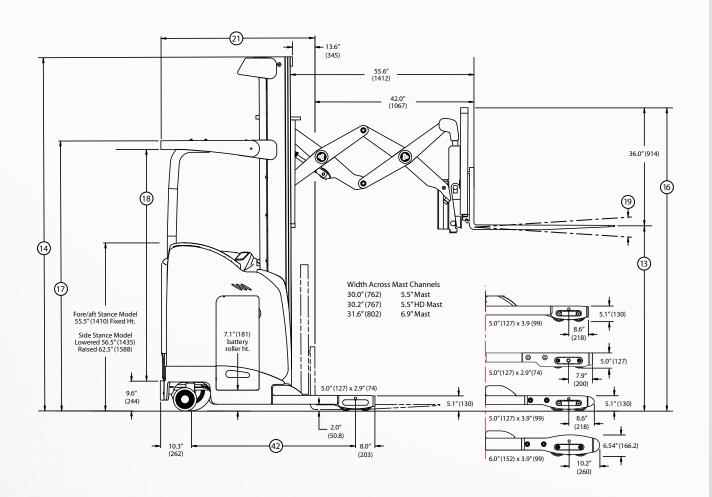
^{***} Add 1" for Sideshift

Travel Speed will be reduced to 6.8 / 5.8 (Empty / Rated Load) with MFHs above 341" in the Rearward and Forward direction. 8.0 mph travel speed is limited to Load up to 2500 lbs. SWB = Short Wheel Base; LWB = Long Wheel Base

NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.

N30-35ZDR₂ DIMENSIONS





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

N30-35ZDR₂ SPECIFICATIONS <

	1	Manufacturer Name		Hyster (Company	Hyster Company		
	2	Model		,	ZDR ₂		ZDR_2	
	3	Wheel Base Designation*		LWB	SWB	LWB	SWB	
L	4	Rated Capacity	lb. (kg)		(1361)		(1588)	
	5	Load Center, Distance	in (mm)	3000		610)	(1000)	
GENERAL	6	Power Type - Electric, Diesel, LPG	111 (111111)		·	- 36 volt		
l °	7	Operator Type				and		
	8	Tire Type - Load/Caster/Drive		Poly / Pa	oly / Vulk		oly / Vulk	
	9	Wheels, Number Load/Drive (x=driven)		1019 / 11	1 -	? (1x)	Jiy / Vuik	
	10	Truck Weight, without Battery (approximate)	lb.	5250	N/A	5250	N/A	
ķ	_	Truck Weight, Without Battery (approximate)	IU.	Front	Rear	Front	Rear	
	11 12	Axle Loading - Front/Rear with Assemble Retracted **	lb.	6300	4050	6700	4250	
				0300	4000	0700	4200	
	13 14	Height, Standard Lift (TOF) Height, Standard Mast Lowered (OALH)	in (mm)					
		Height, Freelift (TOF)	in (mm)					
	15 16	Height, Standard Mast Extended w/LBR	in (mm)		See Ma	st Table		
	17		in (mm)					
		Height, Top of OHG	in (mm)					
	18	Height, Operator Clearance	in (mm)		0	/ /	-	
	19	Mast Tilt Angle, Forward/Back	degrees	100		/ 4	0.040	
DIMENSIONS	20	Forks, Standard (Length x Width x Thickness) Headlength to Face of Forks - All Battery Compartments ***	in.	1.b X 3	3.9 x 42		3.9 x 42	
	21		in (mm)			st Table		
	22	Basearm OEC	in.	00.0 4		increments)	//	
	23	Battery Compartment Size, 14.5" Battery Compartment - (LxWxH)	in.	39.0 X 14	1.5 x 31.5		/A	
		Battery Compartment Size, 16.5" Battery Compartment - (LxWxH)	in.	N		3.5 x 31.5) F 24 F	
		Battery Compartment Size, 18.5" Battery Compartment - (LxWxH)	in.		/A		3.5 x 31.5	
	0.4	Battery Compartment Size, 21.5" Battery Compartment - (LxWxH)	in.		/A I		1.5 x 31.5	
	24	Turning Radius - minimum outside, 14.5" Battery Compartment	in.	70.74	NI /A	N/A	07.00	
		Turning Radius - minimum outside, 16.5" Battery Compartment	in.	72.74	N/A	72.90	67.90	
		Turning Radius - minimum outside, 18.5" Battery Compartment	in.		/A	74.90 77.90	69.90	
	25	Turning Radius - minimum outside, 21.5" Battery Compartment		IV	/A Soc "PA	S" Table	72.90	
	26	Aisle Width - Zero Clearance - Right Angle Stack Stability - Comply with ANSI	see chart			es		
	27	Travel Speed		Standard	Optional	Standard	Optional	
	28	Rearward (chassis first) - Empty/RL	mph	7.4/6.8 †	N/A	7.4/6.8 [†]	8.0/6.8 [†]	
	29	Forward (forks first) - Empty/RL	mph	7.4/6.8 †	N/A	7.4/6.5 [†]	8.0/6.5 [†]	
щ	30	Lift Speed	Прп	Standard	Optional	Standard	Optional	
PERFORMANCE	31	Empty	ft./min	100	114	114	130	
I≩	32	2,000 lb.	ft./min	71	82	82	93	
豆	33	3,000 lb.	ft./min	65		3	85	
置	34	3,500 lb.	ft./min		/A	70	N/A	
	35	4,000 lb.	ft./min			/A		
	36	4,500 lb.	ft./min		N	/A		
	37	Lowering Speeds, Empty	ft./min	g	95	1	05	
	38	Lowering Speeds, RL	ft./min	g	95	1	05	
	39	Size - Front Load Wheels, Standard			5 x	2.9		
	40			Drive	Caster	Drive	Caster	
SES	41	Size, Standard - Drive Tire/Dual Casters		12.0 x 5.5	7.9 x 2.2	13.5 x 5.5	7.9 x 2.2	
WHEELS & TIRES	42	Wheelbase - 14.5" Battery Compartment	in.	60.35		N/A		
SS		Wheelbase - 16.5" Battery Compartment	in.	62.36	N/A	62.36	57.36	
		Wheelbase - 18.5" Battery Compartment	in.	N	/A	64.37	59.37	
Ž		Wheelbase - 21.5" Battery Compartment	in.	N	/A	67.36 62.36		
	43	Brakes, Method of Control - Service/Parking			Fo	oot		
	44	Brakes, Method of Operation - Service/Parking			Apply / Elec	tric Release		
	45	Battery Type			Lead	Acid		
ပ	46	Traction Motor Rating (60 minute rating)	hp (kw)		7.5 (5.6)		8.7 (6.5)	
E	47	Hoist Motor Rating (5 minute rating)	hp (kw)	14.8 (11.0)	18.0 (13.4)	18.0 (13.4)	20.7 (15.4)	
ELECTRIC	48	Traction Motor Control Method				sistor		
"	49	Hoist Motor Control Method				sistor		
	50	Number of Speeds			Infinitely	Variable		

Short or Long Wheelbase is determined by Mast Height

8.0 mph travel speed is limited to Load up to 2500 lbs. SWB = Short Wheel Base; LWB = Long Wheel Base

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.

Static with Rated Load and Max. Wt. Battery

Travel Speed will be reduced to 6.8 / 5.8 (Empty / Rated Load) with MFHs above 341" in the Rearward and Forward direction.

NOTE: Performance specifications / ratings are for truck equipped as described under Standard Equipment in this Technical Guide. Performance specifications are affected by the condition of the vehicle and how it is equipped, as well as by the nature and condition of the operating area. Specifications are subject to change and the proposed application should be discussed with your authorized Hyster Company Dealer.

> MAST DIMENSIONS

N35-40ZF	N35-40ZR₂/N30ZDR₂ MAST DIMENSIONS (5.5" STANDARD DUTY)												
Max. Fork Height	Overall Lowered	Overall Height (Mast Extended) Highest	Free-Lift	Overhead Guard Height	Operator	Head L	ength (Leng	th to Face of Forks)					
(TOF)	Ht.	Point w/36" LBR	(TOF)	to Top	Clearance	14.5	B.C.	16.5	B.C.				
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	Single Reach	Double Reach	Single Reach	Double Reach				
	3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST												
191 (4851)	87 (2210)	230 (5842)	48 (1219)	86.5 (2197)	75.3 (1913)	52.12	58.02	54.12	60.02				
203 (5156)	91 (2311)	242 (6147)	52 (1321)	90.5 (2299)	79.3 (2014)	52.12	58.02	54.12	60.02				
212 (5385)	95 (2413)	251 (6375)	56 (1422)	94.5 (2400)	83.3 (2116)	52.12	58.02	54.12	60.02				
227 (5766)	101 (2565)	266 (6756)	62 (1575)	91 (2311)	79.8 (2027)	52.12	58.02	54.12	60.02				
242 (6147)	107 (2718)	281 (7137)	68 (1727)	91 (2311)	79.8 (2027)	52.12	58.02	54.12	60.02				
251 (6375)	110 (2794)	290 (7366)	71 (1803)	91 (2311)	79.8 (2027)	52.12	58.02	54.12	60.02				
272 (6909)	119 (3023)	311 (7899)	80 (2032)	91 (2311)	79.8 (2027)	52.12	58.02	54.12	60.02				

N45ZR ₂ /N	I35ZDR₂	MAST DIMENSI	ONS (5.5"	HEAVY DU	TY)			N45ZR₂/N35ZDR₂ MAST DIMENSIONS (5.5" HEAVY DUTY)												
Max. Fork Height	Overall	Overall Height (Mast Extended) Highest	Free-Lift	Overhead Guard Height	Operator	Head Length (Length to Face of Forks)														
(TOF)	Lowered Ht.	Point w/36" LBR	(TOF)	to Top	Clearance	16.5	B.C.	18.5′	B.C.	21.5′	B.C.									
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	Single Reach	Double Reach	Single Reach	Double Reach	Single Reach	Double Reach									
			3-STA	GE FULL FREE	·LIFT (FFL) VI	ISTA™ MA	ST													
212 (5385)	95 (2413)	251 (6375)	56 (1422)	94.5 (2400)	83.3 (2116)	57.47	63.38	59.47	65.38	62.47	68.38									
224 (5690)	101 (2565)	263 (6680)	62 (1575)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									
239 (6071)	107 (2718)	278 (7061)	68 (1727)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									
245 (6223)	110 (2794)	284 (7214)	71 (1803)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									
266 (6756)	119 (3023)	305 (7747)	80 (2032)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									
278 (7061)	125 (3175)	317 (8052)	86 (2184)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									
293 (7442)	131 (3327)	332 (8433)	92 (2337)	91 (2311)	79.8 (2027)	57.47	63.38	59.47	65.38	62.47	68.38									

N45ZR ₂ /N	I35ZDR₂	MAST DIMENSI	ONS (6.9")							
Max. Fork Height	Overall Lowered	Overall Height (Mast Extended) Highest	Free-Lift	Overhead Guard Height	Operator	Head Length (Length to Face of Forks)					
(TOF)	Ht.	Point w/36" LBR	(TOF)	to Top	Clearance	16.5"	B.C.	18.5"	B.C.	21.5" B.C.	
in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	Single Reach	Double Reach	Single Reach	Double Reach	Single Reach	Double Reach
	3-STAGE FULL FREE-LIFT (FFL) VISTA™ MAST										
272 (6909)	119 (3023)	311 (7899)	80 (2032)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
287 (7290)	125 (3175)	326 (8280)	86 (2184)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
302 (7671)	131 (3327)	341 (8661)	92 (2337)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
320 (8128)	138 (3505)	359 (9119)	99 (2515)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
332 (8433)	143 (3632)	371 (9423)	104 (2642)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
341 (8661)	146 (3708)	380 (9652)	107 (2718)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
368 (9347)	157 (3988)	407 (10338)	118 (2997)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
401 (10185)	170 (4318)	440 (11176)	131 (3327)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50
422 (10719)	179 (4547)	461 (11709)	140 (3556)	91 (2311)	79.8 (2027)	57.59	63.50	59.60	65.50	62.59	68.50

RIGHT ANGLE STACKING / BATTERY SPECIFICATIONS <



RIGHT ANGLE AISLE STACKING

Note: These are "Zero Clearance" aisles and require an additional 6" or more to be added to provide for easier maneuvering.

N35/40ZR ₂											
Truck with 14.5" Battery Compartment and 42" ID											
	3 Stage - 4" Between Loads										
	Pallet Width (inches)										
		36	40	44	48						
Pallet	36	85	85	85	85						
Length (inches)	40	87	87	86	86						
	44	92	91	91	90						
	48	96	96	95	95						

Add 2" for 16.5" Battery Compartment Add 1" for Sideshift

N45ZR ₂										
Truck with 16.5" Battery Compartment and 42" ID										
3 Stage - 4" Between Loads										
	Pallet Width (inches)									
		36	40	44	48					
Pallet	36	88	88	87	87					
Length (inches)	40	93	92	92	91					
	44	97	97	96	96					
	48	102	101	101	100					

Add 2" for 18.5" Battery Compartment Add 5" for 21.5" Battery Compartment Add 1" for Sideshift

N30ZDR ₂											
Truck with 14.5" Battery Compartment and 42" ID											
3 Stage - 4" Between Loads											
	Pallet Width (inches)										
		36	40	44	48						
Pallet Length	36	90	90	90	90						
(inches)	40	91	91	91	91						
	44	95	94	94	93						
	48	99	99	98	98						

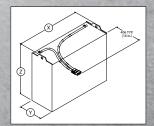
Add 2" for 16.5" Battery Compartment Sideshift is Standard on Double Reach

	- LOAD'	WIDTH -
	SPACING	LOAD LENGTH
ZERO CLEARANCE AISLE WIDTH		RIGHT ANGLE STACKING AISLE LAYOUT

N35ZDI	N35ZDR ₂										
Truck with 16.5" Battery Compartment and 42" ID											
	3 Stage - 4" Between Loads										
	Pallet Width (inches)										
		36	40	44	48						
Pallet	36	92	91	91	91						
Length (inches)	40	96	96	95	94						
	44	101	100	100	99						
	48	105	105	104	104						

Add 2" for 18.5" Battery Compartment Add 5" for 21.5" Battery Compartment Sideshift is Standard on Double Reach

BATTERY A	BATTERY AND COMPARTMENT SPECIFICATIONS													
Battery Specifications														
Battery	_	Max	imum			Minimum	Maximum							
Compartment	partment Voltage		6 Hr Rate		"X" Max.		"Y" Max.		Max.	Batt. Wt.	Batt. Wt.			
Size	Johnson	AH	KWH	in	(mm)	in	(mm)	in	(mm)	lb (kg)	lb (kg)			
14.5"	36	775	27.2	38.8	(985)	14.25	(362)	31.0	(788)	1600 (726)	2100 (953)			
16.5"	36	930	32.6	38.8	(985)	16.25	(413)	31.0	(788)	1850 (839)	2350 (1066)			
18.5"	36	1085	38.1	38.8	(985)	18.25	(464)	31.0	(788)	2200 (998)	2800 (1270)			
21.5"	36	1240	43.5	38.8	(985)	21.25	(540)	31.0	(788)	2500 (1134)	3100 (1406)			



Battery Compartment is designed to accommodate standard wet cell batteries with fixed lifting eyes and no cover. Contact Applications Engineering to verify compatibility / fit when using maintenance free, covered or non-standard batteries. Battery Connector: 24V - Red; 36V - Gray; Position "B", Lead Length 16" Manufacturers Standard Cable Size Not to Exceed 4/0 AWG

STANDARD EQUIPMENT

- Fore / Aft Stance Operator Controls
- 36 Volt Battery (Includes 350 Amp Gray Battery Connector)
- 91" / 203" / 52" 3 Stage Full Free Lift Mast (Standard on N30ZDR₂, N35ZR₂ and N40ZR₂)
- 95" / 212" / 56" 3 Stage Full Free Lift Mast (Standard on N35ZDR2 and N45ZR2)
- Single Reach Mast (24" Extend) with 33.5" Wide Class II Hook Type Carriage (Standard on N35-45ZR₂)
- . Double Reach (42" Extend) with 33.5" Wide Class II Hook Type Carriage (Standard on N30-35ZDR₂)
- Integral Sideshift with 7" Travel (Standard on N30-35ZDR $_2$) Forks: 1.6" x 3.9" x 42" (40 mm x 100 mm) Class II Hook Type (Standard on N35ZR2 and N30-35ZDR2)
- Forks: 1.8" x 3.9" x 42" (45 mm x 100 mm) Class II Hook Type (Standard on N40ZR₂ and N45ZR₂)
- 5" x 3.9" Poly Articulating Tandem Load Wheels High Load Compound (Standard on N35-45ZR₂)
- 5" x 2.9" Poly Articulating Tandem Load Wheels High Load Compound (Standard on N30-35ZDR₂)
- AC Traction, Lift / Lower and Steering
- Low Step Height
- Transistor Controller with Regenerative Braking
- i3 Technology™
- Power Lowering (unloaded) and Regenerative Lowering (Loaded)
- Programmable Traction Speed and Acceleration
- · Electric Power Steering
- Polyurethane Drive Tire 12.0" x 5.5" (Standard on N30ZDR₂, N35ZR₂, and N40ZR₂)
- Polyurethane Drive Tire 13.5" x 5.5" (Standard on N35ZDR $_{2}$ and
- · Dual Articulating Polyurethane Caster Wheels
- **Power Disconnect**
- Kev Start
- 36" High Load Backrest Extension
- Sealed Battery Rollers
- Tilting Carriage (3° Fwd, 4° Back)
- Padded Operator Compartment
- Rear Post Operator Protection
- Operator's Overhead Guard
- Low Profile Anti-Fatique Floormat
- Control Handle with Simultaneous Hydraulic Functions
- Graphic LCD Multi-Function Smart Display with:
 - Back lighting
 - Bar Graphic Battery Discharge Indicator and Lift Interrupt
 - Hour Meter; Truck, Traction and Hoist Pump
 - Performance Mode selection and Indication with lift interrupt
 - LED Status Indicators with symbols
 - Programmable Performance Modes
 - User passwords and Operator logs with history
 - Steer Wheel Angle Graphic Indication
 - Truck Inspection Check List
 - Truck Speed Indication in MPH or KPH
- Electronic Horn
- Static Discharge Strap
- · Operator's Manual
- · UL Classification

OPTIONAL EQUIPMENT

- Side-Stance Operator Controls
- Reverse Steering
- Forward Stance with Aft Travel Control Handle (allows selection of Fore/Aft automotive steer mode with drive tire centering through the dash service menu)
- Steered Caster Electric
- **Keyless Start**
- **Battery Stand**
- **Battery Puller**
- Cooler/Freezer Construction (Operating Temperatures 0°F
- SubZero Freezer Construction (Operating Temperatures -40°F to 120°F)
- SubZero Freezer with Heated Floor and Control Handle (Operating Temperatures -40°F to 120°F)
- **UL Classification EE**
- Load Wheels with Greaseable Bearings
- Bolt-on Wheel Box for use with 5" x 3.9", 6" x 3.9", and 5" x 2.9" load wheels
- Tapered Basearm
- **Poly Siped Drive Tires**
- Poly X-Groove Drive Tires
- Various Fork Lengths
- Auto Fork Leveling
- Fork Height Display
- Fork Camera
- Fork Laser Level Line
- **Shelf Height Selector**
- 48" High Load Backrest Extension
- Rear Operator Compartment Door
- Back-up and Motion Alarm
- Amber Strobe Light
- Operator Desktop Light
- **Dual Headlight**
- Rear Worklight
- High Speed Lift and Travel
- Operator Overhead Fan
- Load Weight Display
- Reduced Travel Speed with Carriage Extended
- **RF Terminal Bracket**
- RF Handheld Scanner Holder
- Impact Monitor
- Parts Manual



Hyster Company P.O. Box 7006 Greenville, North Carolina 27835-7006 Part No. N30-45ZR/ZDR/TG 8/2017 Litho in U.S.A.

Visit us online at www.hyster.com or call us at 1-800-HYSTER-1.

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