

3,000 • 3,500 lbs

YALE NTA030-035SB man-up turret trucks incorporate state of the art design, advanced technology, optimal ergonomics design, and superior performance. These trucks are designed to exceed the demands of high density warehousing and are available in three (3) configurations:

- Seat Side Controls without Front Barrier
- Seat Side Controls with Front Barrier
- Center Console Controls with Front Barrier

“Right Fit” Operator’s Compartment is designed to provide optimum comfort and productivity. A full suspension seat with vertical adjustment allows comfortable operation of the truck either sitting or standing. The NTA series design offers maximum clear space in the compartment, providing generous room for entry/exit, order picking, and all truck operations.

The cushioned floor mat provides comfort while operating the truck. Standard fans and lights, along with optional mirrors, enhance operator comfort and visibility.

Seat-side Joystick Controls provide for simultaneous operation of truck functions. The operator can simultaneously control travel, cabin lift/lower, and fork lift/lower. Additionally, a single push button allows synchronized control of fork rotation, centering, and traversing.

The Right Hand Joystick Control provides all travel functions, lift/lower for the main mast, horn, push Off/On button for the wire guidance, and an optional left or traverse stroke override.

The Left Hand Joystick Control provides the traverse/rotate for the auxiliary mast, load handling, forks forward synchronization, and an auxiliary fourth function.

The controls are designed to be used in all operating positions: sitting, leaning, order picking, and driving in the fork trailing direction. The unique joystick pod is mounted with a robust 4-bar linkage to retain the joystick ergonomic orientation in any position. The controls are settable for overall height and reach in relation to seat height, overall width, and orientation of console angle for order picking or standing positions.

Left and right polyurethane armrests are infinitely adjustable for height and width on a single pivot-by-gas spring, adjustable for width by index position, and infinite adjustment for console angle from horizontal to vertical planes by gas spring.

The joysticks are ergonomically oriented toward the operator for natural hand and arm position.

The Frame features a fully welded underside and box section designed to optimize structural rigidity and strength; hence, minimizing frame twist. The rear frame has an upper box section to tie the mast to the rear frame. This helps improve mast rigidity. The frame also features a removable bumper plate section for service access to the drive wheel and other modular components.

AC Motors include traction, main hydraulics, auxiliary hydraulics, and steer. AC motor technology delivers high motor efficiency, powerful acceleration, braking torques, and fast travel speed performance. A speed sensor built into the motor provides feedback to the control system, allowing motor speed and direction to be continuously monitored. A thermal protection system controls the power delivered to the motor.

CANbus Technology streamlines communications between truck systems through one main master controller. Dash display and traction controller are controlled via the CANbus network. A PC interface is provided for Certified Yale technicians to help reduce diagnostic time and properly diagnose mechanical and/or electrical failures. In addition, the CANbus controller reduces wiring by 40% and electrical connections by 25%, resulting in improved reliability and improved visibility through the mast.

Yale Two-stage and Three-stage Masts feature high strength steel construction. Featuring exceptional rigidity, these stiff, heavy-duty tri-form and quad-form masts provide stability up to 55 feet. For optimized performance, Yale NTA-030SB and NTA-035SB trucks provide Smart-Glide™ continuous height sensing, and speed to height to weight control, which increases performance with light loads.

Load Handler consists of the upright section (auxiliary mast) and turret head (rotator, pantograph carriage, slack chains, and forks). The auxiliary mast section connects to the cabin via the upper and lower rack mounts. A large center load roller holds the weight of the structure on the lower rack. Horizontal load rollers on the transmission shaft maintain the correct spacing of the pinion gears to the rack teeth. Eccentric type follower rollers hold the front end tight to the rack and keep it aligned. The hydraulic hoses and electric cable route through a plastic chain over the cabin roof directly to the hydraulic block. This hydraulic block is flange mounted to a hydraulic motor which governs the lateral movement. The hydraulic block divides the flow between the translate and hoist cylinder and the hydraulic block on the turret head. A hydraulic block on the turret head divides the flow between rotate, pantograph, and optional fork spreader. The two hydraulic blocks communicate through a load sensing circuit to intelligently govern the hydraulic functions when combined.

Hydraulics and Motor Compartment
The modular components in the motor compartment include the hydraulic tank, the main electric panel,

two pump-motor assemblies, the main hydraulic block, fans, and the master drive unit assembly. Also located in the compartment are the master drive unit, drive wheel, traction motor, brake, and steer motor.

Each motor controller is mounted directly above the related component. Wiring is hidden to the back and conveniently bundled for simplicity. The main hydraulic block is mounted on a locking pivot to allow full access to the pump motor located behind. The electric panel features switches for remote lift/lower and for translate left/right of the trilateral attachment. The hydraulic block features a manual lowering valve. The hydraulic tank features a large site tube for measuring the oil level. The steer motor features an end head screw to turn manually. An open hood sensor disables traction when the hood is opened.

The hydraulic system also features a pressure side filtration system (with clog indicators) which minimizes contamination in the active hydraulic system.

Auto Deceleration System automatically slows/stops the truck at any height when the throttle is released; minimizing brake usage requirements and reducing associated brake wear costs.

Parking Brake is spring applied and electrically released. It is mounted on top of the drive-motor armature shaft. Service braking is accomplished by plugging the truck which provides an extremely smooth, controlled stop.

Electronic Power Steering provides low effort. Located on the console, the system provides precise, responsive steering (self-centering at start-up). Motor speed is reduced through a planetary gear box.

Convenience Service Access to all motors and controllers is provided through a one-piece hood, conveniently located in the rear of the truck. Constructed of reinforced steel, the hood can be opened while the truck is in the warehouse aisle. Battery maintenance is also simplified through unobstructed top access.

NTA Load and Drive Tires are made of polyurethane construction. A removable plate provides easy access to the drive tire.

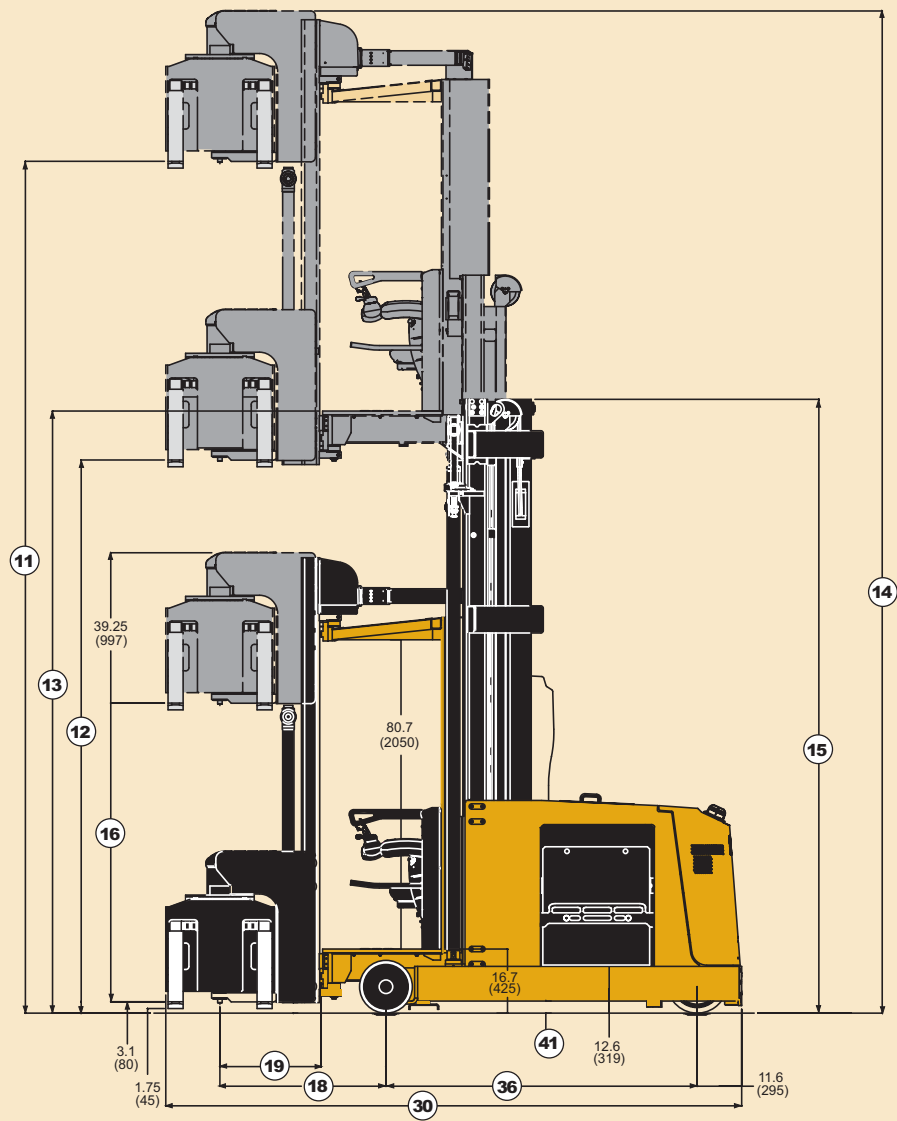
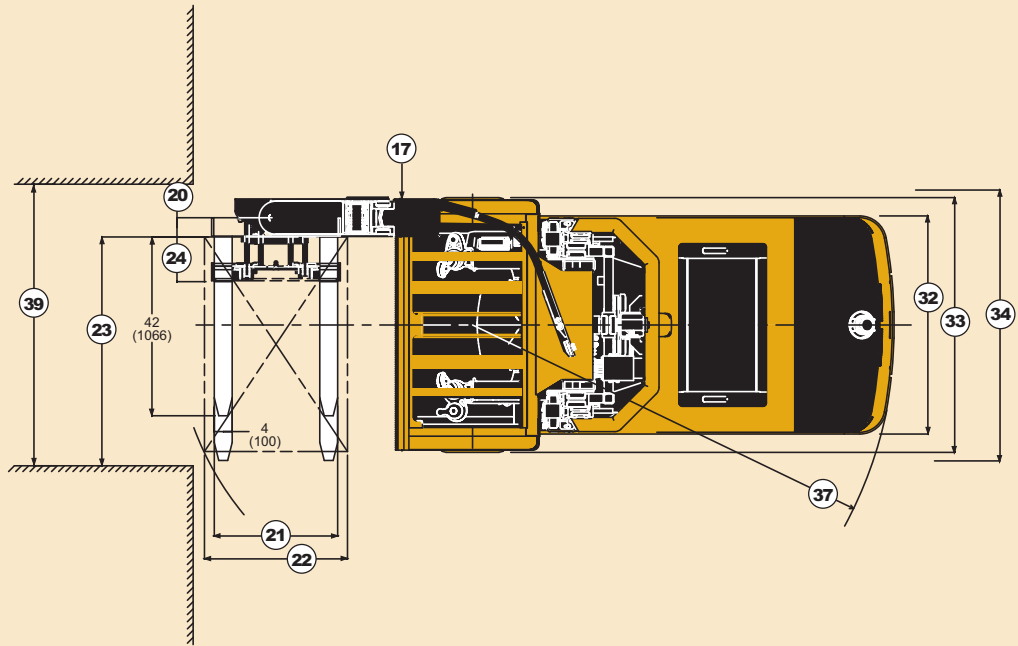
The **NTA** is available with variety of configurations. Optional platforms, outriggers, attachments, and guidance allow customization to the application.

Options

- Electronic-wire Guidance
- Rail Guidance
- Low-profile Rail Guidance
- Rear-view Mirrors
- RF Terminal Hook-up and Bracket
- Freezer Conditioning
- Platform Widths and Attachments
- Fork Positioner
- Smart Steer Self-centering System
- Load Weight Sensing
- Freezer Cab
- Shuttle Table



Truck shown with optional equipment



GENERAL	1	Manufacturer	Manufacturer's Name			Ya	
	2	Model	Manufacturer's Designation			NTAO	
	3	Operator Type	Sit/Stand			Man-up Turret - Sit	
	4	Model Configuration	Wheel Base Designation			Short Wheel Base	
	5	Capacity	Load Capacity		lb. (kg)	3000 (1360)	
	6	Load Center	Distance		in. (mm)	24 (610)	
	7	Power type	Electric			Electric - 48 volt	
	8	Tire Type	Cushion (C), Pneumatic (P)	Load/Drive		Cushion	
	9	Wheels	Number (x=drive)	Load/Drive		2/1x	
	10	Mast Type				Tri-Form	
DIMENSIONS	11	Mast	Mast, max. lift height, both masts (Top of forks)		in. (mm)	See Chart	
	12		Mast, max. lift height, main mast (Top of forks)		in. (mm)	See Chart	
	13		Mast, maximum height, Raised Operator Platform		in. (mm)	See Chart	
	14		Mast, maximum overall extended height		in. (mm)	See Chart	
	15		Mast, overall lower height		in. (mm)	See Chart	
	16		Auxiliary Mast lift height (Top of forks)		in. (mm)	See Chart	
	17	Attachment	Traverse Frame Widths		in. (mm)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	
	18		Distance, Rotatotor C/L to load wheel C/L	2-stg/3-stg	in. (mm)	43.3/46.3 (1101/1177)	
	19		Pivot Boom Length		in. (mm)	26.4 (670)	
	20		Pivot Boom Thickness		in. (mm)	8.3 (210)	
	21		Fork Carriage Width		in. (mm)	28.3 (720)	
	22		Fork Spread Adjustment (outside-outside dimension)	min/max	in. (mm)	20/28.3 (508/720)	
	23		Traverse Stroke		in. (mm)	40/46.8/52.7/57.7 (990/1190/1340/1490)	
	24	Reach Carriage Stroke (pantograph)		in. (mm)	4/5/6/8/10 (102/127/152/203/254)		
	25	Cab	Cab Width		in. (mm)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	
	26		Cab Depth (front of cab to operator seat back)		in. (mm)	34.2 (870)	
	27	Forks	Thickness x Width x Length	std. forks	in. (mm)	1.75 x 4 x 42 (45 x 100 x 1066)	
	28		Type			Pin	
	29	Truck Length	Headlength (chassis length to face of traverse frame)	2-stg / 3-stg	in. (mm)	105/108 (2669/2745)	
	30		Overall truck length with tucked forks (no load)	2-stg / 3-stg	in. (mm)	145.6/148.6 (3698/3774)	
	31		Length to Face of Forks (forks forward)	2-stg / 3-stg	in. (mm)	135.6/138.6 (3444/3520)	
	32	Overall Dimensions	Frame Width		in. (mm)	48 (1220)	
	33		Basewidth (width across load wheels)		in. (mm)	48/56/62/68 (1220/1425/1575/1725)	
	34		Width Across Guide Rollers		in. (mm)	50.2/58/64/69.9 (1275/1475/1625/1775)	
	35		Top of fork - mast lowered		in. (mm)	3.1 (80)	
	36	Wheelbase			in. (mm)	76.5 (1943)	
	37	Turning Radius	Minimum Turning Radius		in. (mm)	88.5 (2250)	
	38	Transfer Aisle	Minimum transfer aisle with tucked load	2-stg / 3-stg	in. (mm)	Contact Sales	
	39	Aisle Width	With pallet on forks	2-stg / 3-stg	in. (mm)	Contact Sales	
	40	Ground Clearance	Lowest Point (No Load)		in. (mm)	1.75 (45)	
	41		Center of wheelbase (No Load)		in. (mm)	2.9 (75)	
	PERFORMANCE	42	Total Approx. Weight	Standard Truck (with Battery)		lb. (kg)	14740 (6701)
		43	Axle Loading	Static w/rated load and standard mast (standard truck)	Load/Drive	lb. (kg)	12922/4679 (5874/2127)
		44	Speed - Travel	Travel Speed Rated Load/No Load		mph	6.5/6.5
		45	Lift Speed	Main Mast Rated Load/No Load		fpm	65/83
		46		Auxiliary Mast Rated Load/No Load		fpm	69/77
		47	Lower Speed	Main Mast Rated Load/No Load		fpm	98/98
		48		Auxiliary Mast Rated Load/No Load		fpm	79/77
		49	Attachment Speed	Traverse Speed Rated Load/No Load		in. per sec.	7.5/7.9
		50		Rotate Speed (full 180 deg. rotation)	max speed	sec.	6
		51	Gradeability	Maximum gradeability with Rated Load		%	6
52		Brakes	Service Brakes			Electric/Mechanical	
53	Method of Operation				Plugging		
WHEELS	54	Tire Type		Load/Drive		Polyurethane	
	55	Wheels	Number (x=drive)	Load/Drive		2/1x	
	56	Tire Size	Load Wheels	Load	in. (mm)	13.78 x 5.5 (350x140)	
	57	Tire Size	Drive Wheel	Drive	in. (mm)	15.75 x 6.3 (400x160)	
ELECTRIC	58	Battery	Battery Type			Lead Acid	
	59		Volts/Max Ampere Hrs		V/AH	48/1085	
	60		Weight, minimum		lb. (kg)	2700 (1227)	
	61		Connector style on truck			Blue SB 350	
	62		Recommended Battery Lead length and connector position			30" position B	
	63		Battery Sizes (with optional spacer groups)	L/W	in.	44.2 x 20.8	
	64			in.	38.7 x 23.8		
	65			in.	-		
	66	Electric Motors	Drive Motor Rating (60 Min. Rating)		kw	7.5	
	67		Hoist Motor Rating (25% Duty Cycle Rating)		kw	2 x 12	
	68		Drive Motor Control				AC - MOSFET
	69		Hoist Motor Control				AC - MOSFET

Model	Yale				1
30SB	NTA035SB				2
or stand operation	Man-up Turret - Sit or stand operation				3
Long Wheel Base	Short Wheel Base	Medium Wheel Base	Long Wheel Base		4
3000 (1360)	3500 (1590)	3500 (1590)	3500 (1590)		5
24 (610)	24 (610)	24 (610)	24 (610)		6
Electric - 48 volt	Electric - 72 volt	Electric - 72 volt	Electric - 72 volt		7
Cushion	Cushion	Cushion	Cushion		8
2/1x	2/1x	2/1x	2/1x		9
Tri-Form	Tri-Form	Quad-Form	Quad-Form		10
See Chart	See Chart	See Chart	See Chart		11
See Chart	See Chart	See Chart	See Chart		12
See Chart	See Chart	See Chart	See Chart		13
See Chart	See Chart	See Chart	See Chart		14
See Chart	See Chart	See Chart	See Chart		15
See Chart	See Chart	See Chart	See Chart		16
47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)		17
43.3/46.3 (1101/1177)	43.3/46.3 (1101/1177)	43.3/49.3 (1101/1251)	43.3/49.3 (1101/1251)		18
26.4 (670)	26.4 (670)	26.4 (670)	26.4 (670)		19
8.3 (210)	8.3 (210)	8.3 (210)	8.3 (210)		20
28.3 (720)	28.3 (720)	28.3 (720)	28.3 (720)		21
20/28.3 (508/720)	20/28.3 (508/720)	20/28.3 (508/720)	20/28.3 (508/720)		22
40/46.8/52.7/57.7 (990/1190/1340/1490)	40/46.8/52.7/57.7 (990/1190/1340/1490)	40/46.8/52.7/57.7 (990/1190/1340/1490)	40/46.8/52.7/57.7 (990/1190/1340/1490)		23
4/5/6/8/10 (102/127/152/203/254)	4/5/6/8/10 (102/127/152/203/254)	4/5/6/8/10 (102/127/152/203/254)	4/5/6/8/10 (102/127/152/203/254)		24
47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)	47.2/55.1/61/66.9 (1200/1400/1550/1700)		25
34.2 (870)	34.2 (870)	34.2 (870)	34.2 (870)		26
1.75 x 4 x 42 (45 x 100 x 1066)	1.75 x 4 x 42 (45 x 100 x 1066)	1.75 x 4 x 42 (45 x 100 x 1066)	1.75 x 4 x 42 (45 x 100 x 1066)		27
Pin	Pin	Pin	Pin		28
109.8/112.8 (2789/2865)	109.8/112.8 (2789/2865)	114.9/120.8 (2919/3069)	122.6/128.5 (3114/3264)		29
150.3/153.3 (3818/3894)	150.3/153.3 (3818/3894)	155.4/161.3 (3948/4098)	163.1/168 (4143/4293)		30
					31
48 (1220)	48 (1220)	48 (1220)	48 (1220)		32
48/56/62/68 (1220/1425/1575/1725)	48/56/62/68 (1220/1425/1575/1725)	48/56/62/68 (1220/1425/1575/1725)	48/56/62/68 (1220/1425/1575/1725)		33
50.2/58/64/69.9 (1275/1475/1625/1775)	50.2/58/64/69.9 (1275/1475/1625/1775)	50.2/58/64/69.9 (1275/1475/1625/1775)	50.2/58/64/69.9 (1275/1475/1625/1775)		34
3.1 (80)	3.1 (80)	3.1 (80)	3.1 (80)		35
81.2 (2063)	81.2 (2063)	86.3 (2193)	94 (2388)		36
93.3 (2370)	93.3 (2370)	98.2 (2495)	105.7 (2685)		37
Contact Sales	Contact Sales	Contact Sales	Contact Sales		38
Contact Sales	Contact Sales	Contact Sales	Contact Sales		39
1.75 (45)	1.75 (45)	1.75 (45)	1.75 (45)		40
2.9 (75)	2.9 (75)	2.9 (75)	2.9 (75)		41
15475 (7034)	15744 (7170)	16907 (7685)	17426 (7921)		42
13332/5002 (6060/2274)	13913/5161 (6324/2346)	14491/5716 (6587/2598)	14738/5988 (6699/2722)		43
6.5/6.5	6.5/6.5	6.5/6.5	6.5/6.5		44
65/83	69/79	69/79	69/79		45
69/77	69/77	69/77	69/77		46
98/98	118/118	118/118	118/118		47
79/77	79/77	79/77	79/77		48
7.5/7.9	7.5/7.9	7.5/7.9	7.5/7.9		49
6	6	6	6		50
6	6	6	6		51
Electric/Mechanical	Electric/Mechanical	Electric/Mechanical	Electric/Mechanical		52
Plugging	Plugging	Plugging	Plugging		53
Polyurethane	Polyurethane	Polyurethane	Polyurethane		54
2/1x	2/1x	2/1x	2/1x		55
13.78 x 5.5 (350x140)	13.78 x 5.5 (350 x 140)	13.78 x 5.5 (350 x 140)	13.78 x 5.5 (350 x 140)		56
16 x 7 (406x178)	16 x 7 (406 x 178)	16 x 7 (406 x 178)	16 x 7 (406 x 178)		57
Lead Acid	Lead Acid	Lead Acid	Lead Acid		58
48/1240	72/775	72/930	72/1240		59
2772 (1260)	3168 (1440)	3723 (1692)	3762 (1710)		60
Blue SB 350	Green SB 350	Green SB 350	Green SB 350		61
30" position B	30" position B	30" position B	30" position B		62
38.7 x 23.6	38.3 x 13.5 (2x - 36V Battery)	38.1 x 15.8 (2x - 36V Battery)	38.3 x 17.9 (2x - 36V Battery)		63
38.4 x 26.8	37.9 x 14.0 (2x - 36V Battery)	37.9 x 15.5 (2x - 36V Battery)	38.7 x 20.4 (2x - 36V Battery)		64
38.7 x 27	38.3 x 26.7 (Single 72V Battery)	-	38.3 x 20.1 (2x - 36V Battery)		65
7.5	7.5	7.5	7.5		66
2 x 12	2 x 15	2 x 15	2 x 15		67
AC - MOSFET	AC - MOSFET	AC - MOSFET	AC - MOSFET		68
AC - MOSFET	AC - MOSFET	AC - MOSFET	AC - MOSFET		69

GENERAL

DIMENSIONS

WT.

PERFORMANCE

WHEELS

ELECTRIC

NTA030SB - SHORT WHEEL BASE, NTA030SB - LONG WHEEL BASE & NTA035SB - SHORT WHEEL BASE						
2 STAGE TRIFORM MAST DIMENSIONS - TYPICAL CONFIGURATIONS						
Total Lift Height (Top of Forks)	Overall Lowered Height	Overall Extended Height	Main Lift Maximum Fork Height	Aux Mast Lift Height (FL)	Operator Orderpicking Height	Operator Platform Height Max
232.3 (5900)	118.1 (3000)	271.1 (6887)	148.0 (3760)	84.3 (2140)	220 (5588)	160.8 (4085)
255.9 (6500)	129.5 (3290)	294.8 (7487)	171.6 (4360)	84.3 (2140)	244 (6198)	184.4 (4685)
279.5 (7100)	141.3 (3590)	318.4 (8087)	195.3 (4960)	84.3 (2140)	268 (6807)	208.1 (5285)
302.4 (7680)	141.3 (3590)	341.2 (8667)	195.3 (4960)	107.1 (2720)	268 (6807)	208.1 (5285)
302.1 (7700)	153.1 (3890)	342.0 (8687)	218.9 (5560)	84.3 (2140)	291 (7391)	231.7 (5885)
326.8 (8300)	164.9 (4190)	365.6 (9287)	242.5 (6160)	84.3 (2140)	315 (8001)	255.3 (6485)
337.0 (8560)	153.1 (3890)	375.9 (9547)	218.9 (5560)	118.1 (3000)	291 (7391)	231.7 (5885)
350.4 (8900)	176.8 (4490)	389.3 (9887)	266.1 (6760)	84.3 (2140)	339 (8611)	278.9 (7085)
360.6 (9160)	164.9 (4190)	399.5 (10147)	242.5 (6160)	118.1 (3000)	315 (8001)	255.3 (6485)
374.0 (9500)	188.6 (4790)	412.9 (10487)	289.8 (7360)	84.3 (2140)	362 (9195)	302.6 (7685)
381.9 (9700)	192.5 (4890)	420.7 (10687)	297.6 (7560)	84.3 (2140)	370 (9398)	310.4 (7885)
384.3 (9760)	176.8 (4490)	423.1 (10747)	266.1 (6760)	118.1 (3000)	339 (8611)	278.9 (7085)
396.9 (10080)	206.3 (5240)	435.7 (11067)	312.6 (7940)	84.3 (2140)	385 (9779)	325.4 (8265)
407.9 (10360)	188.6 (4790)	446.7 (11347)	289.8 (7360)	118.1 (3000)	362 (9195)	302.6 (7685)
Mast sizes below are only available on NTA030SB - Long Wheel Base and NTA035SB - Short Wheel Base						
408.7 (10380)	212.2 (5390)	447.5 (11367)	324.4 (8240)	84.3 (2140)	397 (10084)	337.2 (8565)
415.7 (10560)	192.5 (4890)	454.6 (11547)	297.6 (7560)	118.1 (3000)	370 (9398)	310.4 (7885)
420.5 (10680)	218.1 (5540)	459.3 (11667)	336.2 (8540)	84.3 (2140)	409 (10389)	349.0 (8865)
430.7 (10940)	206.3 (5240)	469.6 (11927)	312.6 (7940)	118.1 (3000)	385 (9779)	325.4 (8265)
436.2 (11080)	226.0 (5740)	475.1 (12067)	352.0 (8940)	84.3 (2140)	424 (10770)	364.8 (9265)
442.5 (11240)	212.2 (5390)	481.4 (12227)	324.4 (8240)	118.1 (3000)	397 (10084)	337.2 (8565)
454.3 (11540)	218.1 (5540)	493.2 (12527)	336.2 (8540)	118.1 (3000)	409 (10389)	349.0 (8865)
455.9 (11580)	235.8 (5990)	494.8 (12567)	371.7 (9440)	84.3 (2140)	444 (11278)	384.4 (9765)
463.8 (11780)	239.8 (6090)	502.6 (12767)	379.5 (9640)	84.3 (2140)	452 (11481)	392.3 (9965)
470.0 (11940)	226.0 (5740)	508.9 (12927)	352.0 (8940)	118.1 (3000)	424 (10770)	364.8 (9265)
475.6 (12080)	245.7 (6240)	514.4 (13067)	391.3 (9940)	84.3 (2140)	464 (11786)	404.1 (10265)
489.8 (12440)	235.8 (5990)	528.6 (13427)	371.7 (9440)	118.1 (3000)	444 (11278)	384.4 (9765)
491.3 (12480)	253.5 (6440)	530.2 (13467)	407.1 (10340)	84.3 (2140)	479 (12167)	419.9 (10665)
497.6 (12640)	239.8 (6090)	536.5 (13627)	379.5 (9640)	118.1 (3000)	452 (11481)	392.3 (9965)
509.4 (12940)	245.7 (6240)	548.3 (13927)	391.3 (9940)	118.1 (3000)	464 (11786)	404.1 (10265)
525.2 (13340)	253.5 (6440)	564.1 (14327)	407.1 (10340)	118.1 (3000)	479 (12167)	419.9 (10665)

If additional "Total Lift" or "Operator Pick Height" is required for your application, contact your local Yale Dealer for assistance.

NTA030SB - SHORT WHEEL BASE, NTA030 - LONG WHEEL BASE & NTA035SB - SHORT WHEEL BASE						
3 STAGE TRIFORM MAST DIMENSIONS - TYPICAL CONFIGURATIONS						
Total Lift Height (Top of Forks)	Overall Lowered Height	Overall Extended Height	Main Lift Maximum Fork Height	Aux Mast Lift Height (FL)	Operator Orderpicking Height	Operator Platform Height Max
227.9 (5790)	118.1 (3000)	266.8 (6777)	143.7 (3650)	84.3 (2140)	216 (5486)	156.5 (3975)
250.8 (6370)	141.1 (3585)	289.6 (7357)	143.7 (3650)	107.1 (2720)	216 (5486)	156.5 (3975)
280.3 (7120)	141.1 (3585)	319.2 (8107)	173.2 (4400)	107.1 (2720)	246 (6248)	186.0 (4725)
320.9 (8150)	152.2 (3865)	359.7 (9137)	202.8 (5150)	118.1 (3000)	275 (6985)	215.6 (5475)
350.4 (8900)	152.2 (3865)	389.3 (9887)	232.3 (5900)	118.1 (3000)	305 (7747)	245.1 (6225)
368.9 (9370)	141.1 (3585)	407.8 (10357)	261.8 (6650)	107.1 (2720)	334 (8484)	274.6 (6975)
375.6 (9540)	147.2 (3740)	414.4 (10527)	291.3 (7400)	84.3 (2140)	364 (9246)	304.1 (7725)
405.1 (10290)	157.1 (3990)	444.0 (11277)	320.9 (8150)	84.3 (2140)	393 (9982)	333.7 (8475)
409.5 (10400)	152.2 (3865)	448.3 (11387)	291.3 (7400)	118.1 (3000)	364 (9246)	304.1 (7725)
Mast sizes below are only available on NTA030SB - Long Wheel Base and NTA035SB - Short Wheel Base						
434.6 (11040)	166.9 (4240)	473.5 (12027)	350.4 (8900)	84.3 (2140)	423 (10744)	363.2 (9225)
439.0 (11150)	157.1 (3990)	477.8 (12137)	320.9 (8150)	118.1 (3000)	393 (9982)	333.7 (8475)
464.2 (11790)	176.8 (4490)	503.0 (12777)	379.9 (9650)	84.3 (2140)	452 (11481)	392.7 (9975)
468.5 (11900)	166.9 (4240)	507.4 (12887)	350.4 (8900)	118.1 (3000)	423 (10744)	363.2 (9225)
493.7 (12540)	186.6 (4740)	532.6 (13527)	409.4 (10400)	84.3 (2140)	482 (12243)	422.2 (10725)
498.0 (12650)	176.8 (4490)	536.9 (13637)	379.9 (9650)	118.1 (3000)	452 (11481)	392.7 (9975)
527.6 (13400)	186.6 (4740)	566.4 (14387)	409.4 (10400)	118.1 (3000)	482 (12243)	422.2 (10725)

If additional "Total Lift" or "Operator Pick Height" is required for your application, contact your local Yale Dealer for assistance.

Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Consult your Yale Industrial Truck Dealer if any of the information shown is critical to your application. Specifications are subject to change without notice.

This truck meets all design specifications of ANSI B56.1 Safety Standard for Powered Industrial Trucks at the time of manufacture. Classified by Underwriters' Laboratories,

Inc. as to fire hazard only for type "E" and optional "EE" for industrial trucks.

Yale® Industrial Trucks are equipped with certain safety devices as standard equipment. For example, all high lift trucks are furnished with a load backrest extension and high lift sit down rider trucks with an operator's restraint. When remote elevating control is specified, and operator's work platform is supplied.

Yale will supply only trucks equipped with required safety devices and strongly urges that these trucks be operated with the safety devices supplied.

Yale will not assume any liability for injuries or damage arising from or caused by the removal of any safety devices from any of its products.

NTA035SB - MWB & NTA035SB - LONG WHEEL BASE						
2 STAGE QUADFORM MAST DIMENSIONS - TYPICAL CONFIGURATIONS						
Total Lift Height (Top of Forks)	Overall Lowered Height	Overall Extended Height	Main Lift Maximum Fork Height	Aux Mast Lift Height (FL)	Operator Orderpicking Height	Operator Platform Height Max
219.7 (5580)	118.1 (3000)	258.5 (6567)	135.4 (3440)	84.3 (2140)	208 (5283)	148.2 (3765)
239.4 (6080)	127.6 (3240)	278.2 (7067)	155.1 (3940)	84.3 (2140)	227 (5766)	167.9 (4265)
259.1 (6580)	137.4 (3490)	297.9 (7567)	174.8 (4440)	84.3 (2140)	247 (6274)	187.6 (4765)
281.9 (7160)	141.1 (3585)	320.7 (8147)	174.8 (4440)	107.1 (2720)	247 (6274)	187.6 (4765)
301.6 (7660)	147.2 (3740)	340.4 (8647)	194.5 (4940)	107.1 (2720)	267 (6782)	207.3 (5265)
318.1 (8080)	166.9 (4240)	357.0 (9067)	233.9 (5940)	84.3 (2140)	306 (7772)	246.7 (6265)
332.3 (8440)	157.1 (3990)	371.1 (9427)	214.2 (5440)	118.1 (3000)	287 (7290)	227.0 (5765)
340.9 (8660)	166.9 (4240)	397.8 (9647)	233.9 (5940)	107.1 (2720)	306 (7772)	246.7 (6265)
360.6 (9160)	176.8 (4490)	399.5 (10147)	253.5 (6440)	107.1 (2720)	326 (8280)	266.3 (6765)
371.7 (9440)	176.8 (4490)	410.5 (10427)	253.5 (6440)	118.1 (3000)	326 (8280)	266.3 (6765)
380.3 (9660)	186.6 (4740)	419.2 (10647)	273.2 (6940)	107.1 (2720)	346 (8788)	286.0 (7265)
391.3 (9940)	186.6 (4740)	430.2 (10927)	273.2 (6940)	118.1 (3000)	346 (8788)	286.0 (7265)
400.0 (10160)	196.5 (4990)	439.9 (11147)	292.9 (7740)	107.1 (2720)	365 (9271)	305.7 (7765)
408.7 (10380)	212.2 (5390)	447.5 (11367)	324.4 (8240)	84.3 (2140)	397 (10084)	337.2 (8565)
411.0 (10440)	196.5 (4990)	449.9 (11427)	292.9 (7740)	118.1 (3000)	365 (9271)	305.7 (7765)
419.7 (10660)	226.3 (5240)	458.5 (11647)	312.6 (7940)	107.1 (2720)	385 (9779)	325.4 (8265)
431.5 (10960)	212.2 (5390)	470.4 (11947)	324.4 (8240)	107.1 (2720)	397 (10084)	337.2 (8565)
442.5 (11240)	212.2 (5390)	481.4 (12227)	324.4 (8240)	118.1 (3000)	397 (10084)	337.2 (8565)
459.1 (11660)	226.0 (5740)	497.9 (12647)	352.0 (8940)	107.1 (2720)	424 (10770)	364.8 (9265)
470.1 (11940)	226.0 (5740)	508.9 (12927)	352.0 (8940)	118.1 (3000)	424 (10770)	364.8 (9265)
478.7 (12160)	235.8 (5990)	517.6 (13147)	371.6 (9440)	107.1 (2720)	444 (11278)	384.4 (9765)
489.8 (12440)	235.8 (5990)	528.6 (13427)	371.6 (9440)	118.1 (3000)	444 (11278)	384.4 (9765)
509.4 (12940)	245.7 (6240)	548.3 (13927)	391.3 (9940)	118.1 (3000)	464 (11786)	404.1 (10265)
Masts Below are available on NTA035SB - Long Wheel Base Only						
514.2 (13060)	253.5 (6440)	553.0 (14047)	407.1 (10340)	107.1 (2720)	479 (12167)	419.9 (10665)
525.2 (13340)	253.5 (6440)	564.1 (14327)	407.1 (10340)	118.1 (3000)	479 (12167)	419.9 (10665)

If additional "Total Lift" or "Operator Pick Height" is required for your application, contact your local Yale Dealer for assistance.

NTA035SB - MWB & NTA035SB - LONG WHEEL BASE						
3 STAGE QUADFORM MAST DIMENSIONS - TYPICAL CONFIGURATIONS						
Total Lift Height (Top of Forks)	Overall Lowered Height	Overall Extended Height	Main Lift Maximum Fork Height	Aux Mast Lift Height (FL)	Operator Orderpicking Height	Operator Platform Height Max
279.9 (7110)	118.1 (3000)	318.8 (8097)	195.7 (4970)	84.3 (2140)	268 (6807)	208.5 (5295)
309.4 (7860)	127.6 (3240)	348.3 (8847)	225.2 (5720)	84.3 (2140)	298 (7569)	238.0 (6045)
313.8 (7970)	152.2 (3865)	352.6 (8957)	195.7 (4970)	118.1 (3000)	268 (6807)	208.5 (5295)
332.3 (8440)	141.1 (3585)	371.1 (9427)	225.2 (5720)	107.1 (2720)	298 (7569)	238.0 (6045)
343.3 (8720)	152.2 (3865)	382.2 (9707)	225.2 (5720)	118.1 (3000)	298 (7569)	238.0 (6045)
361.8 (9190)	141.1 (3585)	400.7 (10177)	254.7 (6470)	107.1 (2720)	327 (8306)	267.5 (6795)
372.8 (9470)	152.2 (3865)	411.7 (10457)	254.7 (6470)	118.1 (3000)	327 (8306)	267.5 (6795)
391.3 (9940)	147.2 (3740)	430.2 (10927)	284.3 (7220)	107.1 (2720)	357 (9068)	297.0 (7545)
402.4 (10220)	152.2 (3865)	441.2 (11207)	284.3 (7220)	118.1 (3000)	357 (9068)	297.0 (7545)
420.9 (10690)	157.1 (3990)	459.7 (11677)	313.8 (7970)	107.1 (2720)	386 (9804)	326.6 (8295)
427.6 (10860)	166.9 (4240)	466.4 (11847)	343.3 (8720)	84.3 (2140)	416 (10566)	356.1 (9045)
431.9 (10970)	157.1 (3990)	470.7 (11957)	313.8 (7970)	118.1 (3000)	386 (9804)	326.6 (8295)
450.4 (11440)	166.9 (4240)	489.3 (12427)	343.3 (8720)	107.1 (2720)	416 (10566)	356.1 (9045)
461.4 (11720)	166.9 (4240)	500.3 (12707)	343.3 (8720)	118.1 (3000)	416 (10566)	356.1 (9045)
479.9 (12190)	176.8 (4490)	518.8 (13177)	372.8 (9470)	107.1 (2720)	445 (11303)	385.6 (9795)
490.9 (12470)	176.8 (4490)	529.8 (13457)	372.8 (9470)	118.1 (3000)	445 (11303)	385.6 (9795)
509.4 (12940)	186.6 (4740)	548.3 (13927)	402.4 (10220)	107.1 (2720)	475 (12065)	415.2 (10545)
516.1 (13110)	196.5 (4990)	555.0 (14097)	431.9 (10970)	84.3 (2140)	504 (12802)	444.7 (11295)
520.5 (13220)	186.6 (4740)	559.3 (14207)	402.4 (10220)	118.1 (3000)	475 (12065)	415.2 (10545)
539.0 (13690)	196.5 (4990)	577.8 (14677)	431.9 (10970)	107.1 (2720)	504 (12802)	444.7 (11295)
545.7 (13860)	206.3 (5240)	584.5 (14847)	461.4 (11720)	84.3 (2140)	534 (13564)	474.2 (12045)
550.0 (13970)	196.5 (4990)	588.9 (14957)	431.9 (10970)	118.1 (3000)	504 (12802)	444.7 (11295)
Mast below are available only on NTA035SB - Long Wheel Base						
568.5 (14440)	206.3 (5240)	607.4 (15427)	461.4 (11720)	107.1 (2720)	534 (13564)	474.2 (12045)
579.5 (14720)	206.3 (5240)	618.4 (15707)	461.4 (11720)	118.1 (3000)	534 (13564)	474.2 (12045)
Masts below are special order with NTA035SB - Long Wheel Base only - Dimensions are approximately (inches).						
581	219	620	496	84	569	509
591	211	631	473	118	546	486
603	215	642	485	118	558	498
615	222	655	508	107	581	521
627	226	667	520	107	593	533
634	236	674	549	84	622	562
651	234	690	544	107	617	557
668	236	707	549	118	622	562

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