

GENERAL SPECIFICATIONS NR035-040DC

GENERAL	1	Manufacturer name		Yale		Yale	
	2	Model		NR035DC		NR040DC	
	3	Wheel base designation *		SWB		SWB	
	4	Rated capacity	lb (kg)	3500 (1588)		4000 (1814)	
	5	Load center, distance	in (mm)	24 (610)		24 (610)	
	6	Power type - electric, diesel, LPG		Electric - 24V	Electric - 36V	Electric - 24V	Electric - 36V
WT.	7	Operator type		Stand		Stand	
	8	Tire type - load/caster/drive		Poly/Poly/Poly		Poly/Poly/Poly	
	9	Wheels, number load/drive (x=driven)		4 / 2 (1x)		4 / 2 (1x)	
	10	Truck weight, without battery (approximate)	lb	5340		5360	
DIMENSIONS	12	Axle loading with assembly retracted ** (front/rear)	lb	6773/4160		7373/4082	
	13	Height, standard lift (TOF)	in (mm)	See mast table			
	14	Height, standard mast lowered (OALH)	in (mm)				
	15	Height, freelif (TOF)	in (mm)				
	16	Height, standard mast extended w/LBR	in (mm)				
	17	Height, top of OHG	in (mm)				
	18	Height, operator clearance	in (mm)				
	19	Mast tilt angle, forward/back	degrees	3 / 4		3 / 4	
	20	Forks, standard (length x width x thickness)	in	1.60 x 3.9 x 42		1.80 x 3.9 x 42	
	21	Headlength to face of forks - all battery compartments ***	in (mm)	See mast table		See mast table	
	22	Outrigger ID	in	34"- 49" (1" increments)		34"- 49" (1" increments)	
	23	Battery compartment size, 12.5" battery compartment - (LxWxH)	in	39.0 x 12.5 x 31.5		39.0 x 12.5 x 31.5	
		Battery compartment size, 14.25" battery compartment - (LxWxH)	in	39.0 x 14.25 x 31.5		39.0 x 14.25 x 31.5	
		Battery compartment size, 16.25" battery compartment - (LxWxH)	in	39.0 x 16.25 x 31.5		39.0 x 16.25 x 31.5	
		Turning radius - minimum outside, 12.5" battery compartment	in	65.67		65.67	
		Turning radius - minimum outside, 14.25" battery compartment	in	65.67		65.67	
		Turning radius - minimum outside, 16.25" battery compartment	in	67.60		67.60	
	25	Aisle width - zero clearance - right angle stack	see chart	See "RAS" table		See "RAS" table	
PERFORMANCE	26	Stability - comply with ANSI		YES		YES	
	Travel speed						
	28	Rearward (chassis first) - empty/RL	mph	6.5/6.5		6.5/6.5	
	29	Forward (forks first) - empty/RL	mph	6.5/6.0 †		6.5/6.0 †	
	Lift Speed						
	31	Empty	ft/min	66	77	66	77
	32	2,000 lb.	ft/min	50	65	50	63
	33	3,000 lb.	ft/min	40	60	43	57
	34	3,500 lb.	ft/min	37	56	40	53
	35	4,000 lb.	ft/min	N/A		35	50
	36	4,500 lb.	ft/min	N/A		N/A	
	37	Lowering speeds, empty	ft/min	85		85	
	38	Lowering speeds, RL	ft/min	85		85	
WHEELS & TIRES	39	Size - front load wheels, standard		5 x 3.9		5 x 3.9	
	41	Size, standard - drive tire/dual casters		13.5 x 5.5 / 7.9 x 2.2		13.5 x 5.5 / 7.9 x 2.2	
	42	Wheelbase - 12.5" battery ccompartment	in	55.6		55.6	
		Wheelbase - 14.25" battery compartment	in	55.6		55.6	
		Wheelbase - 16.25" battery compartment	in	57.6		57.6	
	43	Brakes, service/parking (method of control)		Foot / auto		Foot / auto	
44	Brake, service/parking (method of operation)		Regen / spring apply (electric release)		Regen / spring apply (electric release)		
ELECTRIC	45	Battery type		Lead acid (std), Li-Ion (opt), fuel cell (opt)		Lead acid (std), Li-Ion (opt), fuel cell (opt)	
	46	Traction motor rating (60 minute rating)	hp (kw)	8 (6)	8.9 (6.6)	8 (6)	8.9 (6.6)
	47	Hoist motor rating (5 minute rating)	hp (kw)	11.1 (8.3)	17.7 (13.2)	11.1 (8.3)	17.7 (13.2)
	48	Traction motor control method		Transistor		Transistor	
	49	Hoist motor control method		Transistor		Transistor	
	50	Number of speeds		Infinitely variable		Infinitely variable	

SWB = Short Wheel Base; LWB = Long Wheel Base

RL = rated load

* Short or Long Wheelbase is for Double Reach Only. LWB for Double Reach Masts 278" and below

** Static with Rated Load and Max. Wt. Battery

*** Includes Integral Sideshift, Subtract 1" for Without Sideshift

† Travel Speed is reduced to 6.0mph for loads 2500lbs and greater in the forks leading direction.

NOTE: Performance specifications / ratings are for truck equipped as described under Standard Features.