

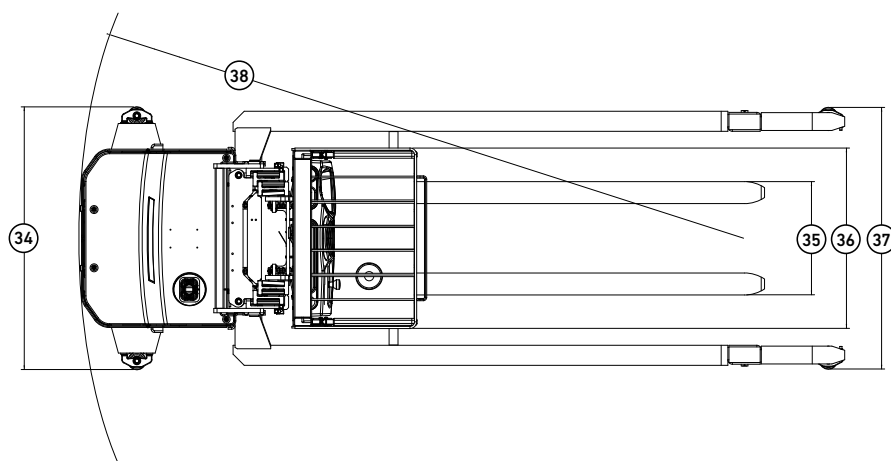
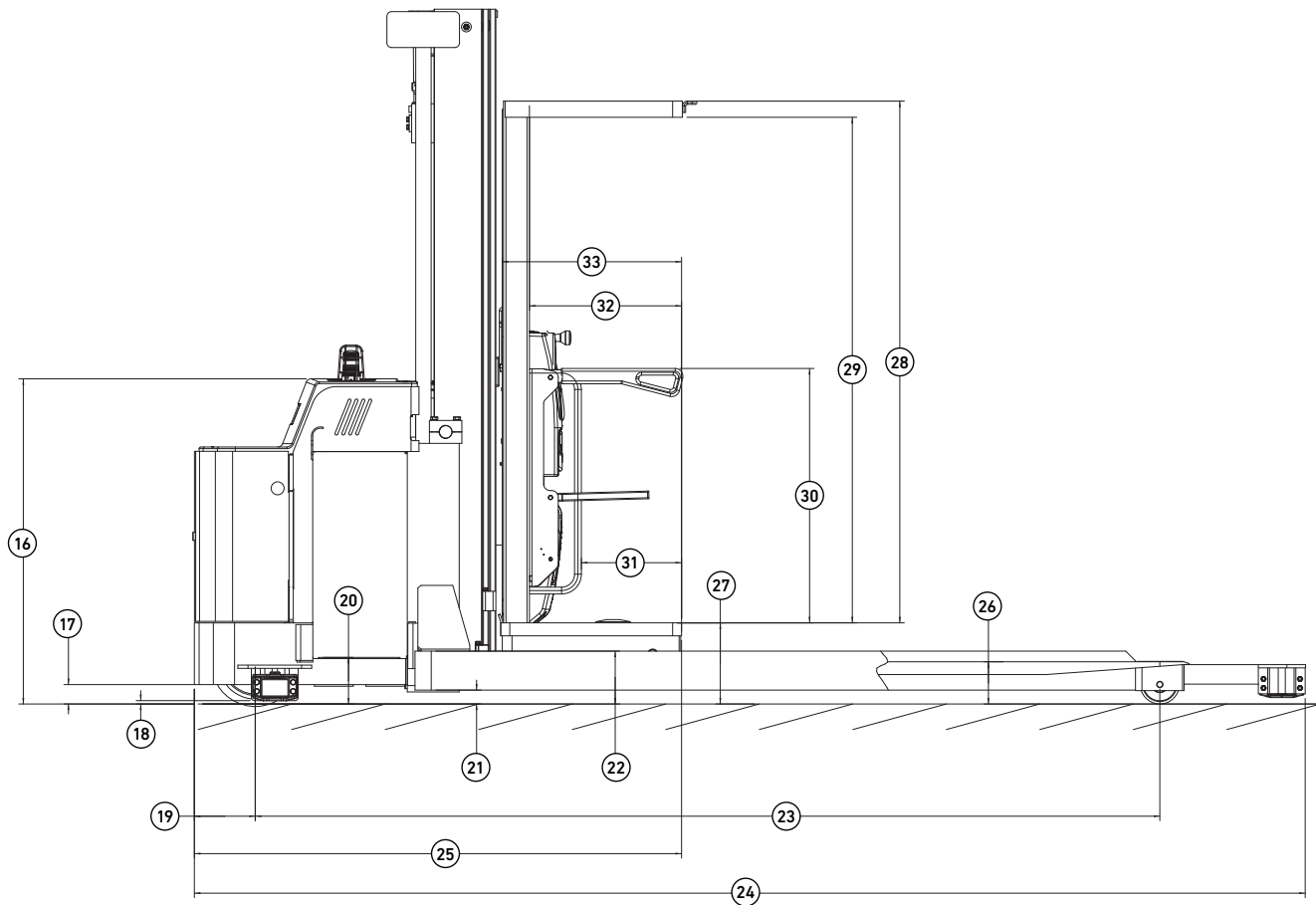


FS 030BF

SPEC SHEET

Medium/high level
furniture order picker

3,000 lbs.



Circled truck dimensions correspond to the line numbers in the General Specifications chart. Dimensions are listed in inches (millimeters).

GENERAL SPECIFICATIONS - FS030BF

GENERAL	1	Manufacturer		Yale		
	2	Model designation		FS030BF		
	3	Power/voltage		Electric / 24 Volts	Electric / 36 Volts	
	4	Operation type		Stand-up		
	5	Rated capacity		lb. (kg)		
	6	Load center		in. (mm)		
	7	Tire type	Front/rear	load/drive	Poly/Poly	
	8	Wheels (X=driven)		front/rear	2/3/(1X)	
DIMENSIONS	9	Mast – 3-stage (TOF)		in. (mm)		
	10	Operator clearance height		in. (mm)		
	11	Forks	Width/thickness	in. (mm)		
	12	Fork spread	Inside to inside	Minimum/Maximum	in. (mm)	
	13		Outside to outside	Minimum/Maximum	in. (mm)	
	14	Top of fork	Mast lowered	in. (mm)		
	15	Head length, length to face of operator deck		3-Stage	in. (mm)	
	16	Hood height		in. (mm)		
	17	Bumper height		in. (mm)		
	18	Guide roller clearance height		in. (mm)		
	19	Bumper to drive axle		in. (mm)		
	20	Height of battery rollers		in. (mm)		
	21	Base arm clearance		in. (mm)		
	22	Height to top of base arms		in. (mm)		
	23	Wheelbase		in. (mm)		
	24	Frame length		in. (mm)		
	25	Head length		in. (mm)		
	26	Lowered fork height		in. (mm)		
	27	Floor step height		in. (mm)		
	28	Floor to top of overhead guard		in. (mm)		
	29	Floor to underside of overhead guard		in. (mm)		
	30	Handrail height	Fixed/retractable		in. (mm)	
	31	Platform side opening	Fixed rail		in. (mm)	
	32	Platform depth	Inside		in. (mm)	
	33		Overall		in. (mm)	
	34	Frame width		in. (mm)		
	35	Fork width		in. (mm)		
	36	Platform width		in. (mm)		
	37	Overall width		in. (mm)		
				in. (mm)		
				in. (mm)		
				in. (mm)		
	38	Turning radius		in. (mm)		
	39	Height	Standard 3 stage mast lowered		in. (mm)	
	40	Operator platform size	Width/depth		in. (mm)	
	41	Turning radius	Minimum outside		in. (mm)	
42	Stacking aisle, zero clearance w/48" W x 96" L pallet		in. (mm)			
43	Intersecting aisle, equal aisles w/48" W x 96" L pallet		in. (mm)			
PERF.	44	Stability	Comply with ANSI?		Yes	
	45	Travel speed*	NL/RL	mph (km/h)	6.5/6.5 (10.5/10.5)	
	46	Lift speed	NL/RL	ft/min	See performance chart	
WEIGHT	47	Lower speed	NL/RL	ft/min	See performance chart	
	48	Truck weight	Without battery		NL	
	49	Axle loading - drive	Static with max. wt. battery		NL/RL	
WHEELS & TIRES	50	Axle loading - load wheels	Static with max. wt. battery		NL/RL	
	51	Tire size	Drive		in. (mm)	
	52		Load wheel		in. (mm)	
	53	Wheelbase		in. (mm)		
	54	Ground clearance	No load, lowest point		in. (mm)	
55	No load, center wheelbase		in. (mm)			
ELECTRIC	56	Brakes	Method of control	Service/parking		
	57		Method of operation	Service/parking		
	58	Battery	Type		Foot	
	59		Volts		Spring applied/electric released	
	60		Minimum weight		lb. (kg)	
	61	Traction motor control method		AC transistor		
	62	Pump motor control method		Contactor		
63	Number of travel speeds		Infinitely variable			

* Speeds are the same in either direction, with or without rated load. Steer angle <10 degrees.

** Optional with Yale Power Key

Right angle stack and equal intersecting aisle dimensions provided with a 40" wide x 48" long pallet load, allowing zero clearance.

BATTERY SPECIFICATIONS - FS030BF

Number of cells	Cell size	Plates per cell	Capacity 6 hr rate	Battery dimensions			Weight
				"X" (length)	"Y" (width)	"Z" (height)	
			amp hr (kwh)	in. (mm)	in. (mm)	in. (mm)	lb. (kg)
12	125	17	1000 (23.4)	38.1 (969)	13.5 (342)	30.6 (776)	1818 (825)
12	140	17	1120 (26.2)	38.1 (969)	13.5 (342)	30.6 (776)	1851 (840)
12	155	17	1240 (29.0)	38.1 (969)	13.5 (342)	30.6 (776)	1860 (844)
18	125	11	625 (21.9)	38.1 (967)	13.3 (339)	30.6 (776)	1800 (816)
18	140	11	700 (24.6)	38.1 (967)	13.3 (339)	30.6 (776)	1849 (839)
18	155	11	775 (27.2)	38.1 (967)	13.3 (339)	30.6 (776)	1859 (843)

Battery compartment length is measured from front to rear. Battery compartment width is measured across truck.
 SB350 Amp "red" connector, cable position B, cable length 16" (405mm). Maximum cable gauge 1/0 AWG
 Battery with lid will NOT fit in battery compartment. Battery weight range 1500 - 2000 lbs.
 Amp hour capacity min / max - 24 volt truck 960 / 1240. 36 volt truck 600 / 775.

MAST PERFORMANCE - FS030BF

	Lifting speed		Lowering speed	
	Empty	Rated load†	Empty	Rated load†
	ft/min (m/s)	ft/min (m/s)	ft/min (m/s)	ft/min (m/s)
24V DC	67 (0.340)	45 (0.229)	80 (0.406)	80 (0.406)
36V DC	78 (0.396)	63 (0.320)	80 (0.406)	80 (0.406)

† Rated load figures are based on 1500 lb. load (680 kg) and a 48" load center.
 NOTE: Performance specifications are for truck with standard equipment. Performance 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. If these specifications are critical, the proposed application should be discussed with your dealer.

TRAVEL SPEEDS (24V & 36V) - FS030BF

Fork height	Steer angle <10°	Steer angle >10°
in. (mm)	mph (kph)	mph (kph)
0 (0)	6.5 (10.5)	6.5 (10.5)
24 (610)	6.5 (10.5)	3.0 (4.8)
60 (1524)	6.0 (9.7)	2.7 (4.4)
116 (2946)	4.7 (7.5)	2.3 (3.6)
150 (3810)	3.9 (6.2)	2.0 (3.2)
195 (4953)	2.8 (4.5)	1.6 (2.6)
250 (6350)	1.5 (2.4)	1.2 (1.9)
272 (6909)	1.0 (1.6)	1.0 (1.6)
>272 (6909)	No travel*	No travel*

NOTE: Speed limits are for trucks at operating temperature with fully charged battery. Speeds are the same in either direction, with or without rated load.
 For lift heights between 24.0" (610 mm) and 272.0" (6909 mm), traction speed is reduced when steering angle exceeds 10°.
 * Travel above 272.0" (6909 mm) fork height requires a high level traction option. Capacity reduction required.
 Contact your local dealer for additional information.

MAST DIMENSIONS - FS030BF

	Maximum fork height (TOF)	Overall lowered height	Overall extended height
	in. (mm)	in. (mm)	in. (mm)
3-Stage (6.9")	240 (6096)	107 (2718)	327 (8306)
	270 (6858)	119 (3023)	357 (9068)
	300 (7620)	131 (3325)	387 (9830)
	330 (8382)	143 (3632)	417 (10592)
	360 (9144)	155 (3937)	447 (11354)

Lift heights over 360" (9144 mm) maximum fork height may require reduced capacity depending upon OEC dimensions.

FEATURES LIST - FS030BF

PERFORMANCE	STD	OPT	OPERATION CONTINUED	STD	OPT
24 Volt AC electrical system	●		Slack chain indication	●	
AC transistor control	●		Battery power disconnect button	●	
AC traction motor	●		Operator convenience station with storage areas, trash bin, beverage & clipboard holders	●	
DC controlled hydraulics	●		Full body harness and operator tether	●	
On demand electric power steering	●		Battery compartment corrosive resistant steel rollers	●	
AC steer motor	●		Retractable platform side gates with cushioning and lift / traction cutout interlock	●	
Auto deceleration system (ADS) with regenerative braking	●		Electric horn	●	
Ergonomically advanced multi-function control handle with rotational adjustment and single speed lift/lower	●		Static discharge strap	●	
4 Operator selectable, programmable performance modes	●		Battery stand	●	
Smart-glide continuous height sensing	●		Battery puller	●	
Side guide rollers	●		38" Inside dimension (open end clearance)		●
36 Volt AC electrical system		●	48" outside dimension (base width)		●
AC transistorized hydraulic control		●	27.5" Deep x 48" wide		●
Side guide rollers (48.25" and 55" OAW)		●	27.5" Deep x 54" wide		●
High level traction above 212" with restricted steer		●	27.5" Deep x 60" wide		●
DRIVE	STD	OPT	Safety glass shield		●
13.5" x 5.5" Superior XL-AC (901 compound)	●		Fixed hoop side rails		●
6.0" x 3.0" Single load wheel - high load compound	●		Stability casters		●
Steer wheel angle graphic indication	●		Line driver		●
8" x 2.5" Dual polyurethane caster wheels	●		Keyless - toggle switch		●
3.0" x 2.75" Polyurethane guide rollers	●		Retractable operator tether with full body harness or medium body belt		●
13.5" x 5.5" Polyurethane (601 compound)		●	Audible alarms self adjusting 82-102 db(A)		
13.5" x 5.35" Polyurethane - X grooved (601 compound)		●	- Back-up alarm - reverse direction activation		●
13" x 5.5" Molded NDIIthane (non marking)		●	- Motion alarm - forward and reverse direction activation		
LIFT	STD	OPT	- Motion alarm - continuous operation with key-on		
195" MFH / 89" OALH 3-stage anti-rattle mast	●		DC to DC converter - 25 amps / 300 watts @ 12 volts		●
Lift limit with or without push button override		●	Smart steer		●
Lowering limit with push button override		●	Battery connector SB-350 gray		●
HANDLING	STD	OPT	Yale Reliant™		●
Heavy duty pallet clamp - automatically engaged / foot released	●		APPEARANCE	STD	OPT
78" Long x 2" thick x 5" wide standard taper pin type forks	●		2-Part poly YALE gold paint	●	
84" Long x 2" thick x 5" wide standard taper pin type forks		●	CONSTRUCTION	STD	OPT
Heavy duty automatic pallet clamp with opening range from 1/2" to 6"		●	Standard application / environmental construction	●	
ERGONOMICS	STD	OPT	UL classification type "E"	●	
Shock dampening operator's compartment floor mat	●		UL classification type "EE"		●
Non-adjustable verticle console	●		SubZERO freezer package - operating temperatures range: -20° to +120° F		●
6" Vertical adjustable operator console		●	VISIBILITY	STD	OPT
2 Speed upper body fan - console mounted		●	Cantilever style overhead guard	●	
OPERATION	STD	OPT	Wire mesh screen operator guard	●	
Battery connector SB-350 red	●		Amber LED strobe - continuous operation with key-on	●	
40.0" Wide X 27.5" deep operator platform	●		- Dome light and 2 speed fan package mounted on top of overhead guard		●
39.0" L x 14.6" W x 31.5" H battery compartment	●		- Dome light, 2 speed fan and halogen glass lens spot light package		●
175 Amp red, position B - 16" lead length battery connector	●		- Dome light, 2 speed fan and LED plastic lens spot light package		●
32" Inside dimension (open end clearance)	●		- 2 LED plastic lens spot lights mounted under overhead guard		●
41" outside dimension (base width) outriggers	●		ENERGY SYSTEM	STD	OPT
Key switch start	●		Lead acid	●	
Multi-turn steering	●		Yale Power Key		●
Electric park brake - automatically engaged / foot released	●		SUPPLEMENTAL	STD	OPT
Single hydraulic pump and motor	●		Operating manual and labels - english	●	
Controller area network (CANbus) communications	●		12 Month / unlimited hours full truck warranty	●	
Graphic LCD multi-function smart display with back lighting	●		3 Years/ 6,000 hour powertrain warranty	●	
Hour meters; truck, traction and hoist pump	●		Lifetime frame warranty	●	
Bar graphic battery discharge indicator	●		Parts manual - printed or CD		●
Low battery lift interrupt	●		5 Year 10,000 hour part a comprehensive parts and labor warranty		●
Performance mode selection and indication	●		5 Year 10,000 hour part b powertrain parts and labor no deduct warranty		●
LED status indicators with symbols	●				
User passwords and operator logs with history	●				
Truck inspection check list	●				
Truck speed indication in MPH or KPH	●				

About Yale



Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today's demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

MATERIALS HANDLING FOR:

Third-party logistics (3PL)

Auto parts distribution

Beverage

Cold & frozen foods

Food distribution

Food processing

Furniture & furnishings

Government

Health & pharma

Home centers & durables


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CERTIFICATION: Yale 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. Classified by Underwriters' Laboratories, Inc.