



■ Some of the photos may include optional equipment.

North America only

FORKLIFT TRUCKS **Environmentally - Friendly**

10/13/14/15/18BR-7 AC 20/25BR-7 AC



Head Office (Sales Office)
14th FL., HYUNDAI BLDG. 140-2, KYE-DONG, JONGNO-GU, SEOUL, KOREA 110-793
TEL: (82) (2) 746-4505, 4609 FAX: (82) (2) 746-7444-7445
Americas Operation: Hyundai Construction Equipment Americas, Inc.
6100 ATLANTIC BOULEVARD NORCROSS GA 30071 U.S.A TEL: (1)847-678-823-7802 FAX: (1)847-678-823-7778
Europe Operation: Hyundai Heavy Industries Europe N.V.
VOSSENDAAL 11, 2440 GEEL, BELGIUM TEL: (32) 14-56-2200 FAX: (32) 14-59-3405

PLEASE CONTACT

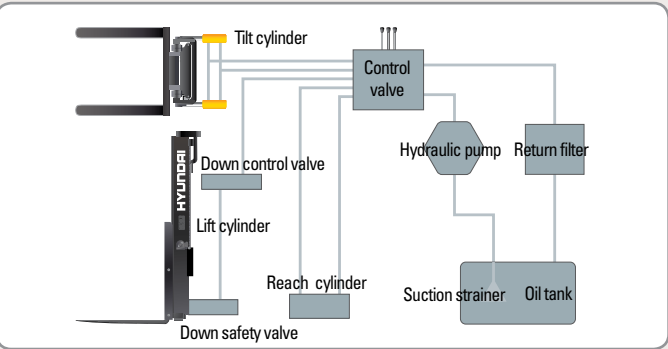
Superior Power & Optimal Performance

Smooth running, efficiently and ergonomically designed, 10/13/14/15/18/20/25BR-7 series are built to meet your needs.



Excellent Gradeability Operation

A powerful drive motor and four wheel configuration provide for exceptional stability and excellent gradeability.



State-of-the-art Hydraulic System

The latest large-capacity hydraulic system reacts quickly during operation and the low noise control valve increases both efficiency and durability.



Minimum Turning Radius

Compact design suitable for narrow aisle operation guarantees work efficiency and maximum space utilization.



■ Some of the photos may include optional equipment.



Electric Power Steering(EPS)

EPS assures effortless steering allowing less fatigue to the operator. Machine performance and battery life are also enhanced.



Accelerator

The accelerator control provides the operator with precise and smooth directional control.



Versatile Reach Stroke

Multi-roller reach assembly provides a smooth, controlled and safe load handling system. Extended reach allows unsurpassed versatility.



Anti Roll Back

When restarting after stop on a slope, an anti-roll back function ensure operational safety.

High Technology ZAPI Controller

The efficient, almost noiseless, 8Khz(high frequency) ZAPI controller provides smooth quite operation and protection for low & high voltage, overheating and fault recording.



Drive Motor & Pump Motor

Efficient Schabmueller AC motor guarantees reliability and a optimized motor design provides low noise levels. Temperature sensor ensures long motor life.



■ Some of the photos may include optional equipment.

Comfortable Operation

A design based on human engineering relieves fatigue and increases operator's efficiency.



Newly Designed Steer Control Handle

A newly designed steering control coupled with our new Electric Power Steering control gives the operator exceptionally smooth and controlled steering for tight spaces.



New High Visibility for Safe Operation

The operator is able to work with increased safety and accuracy due to a wider mast view.



User Friendly Hydraulic Control

Minimal operator effort is required for precise, safe and productive control. As a standard layout is used, the operator learning curve is lessened.



Perfect Fit For Busy Operations

An ergonomically designed operator's compartment enables the driver to select the most comfortable working position for increased productivity.

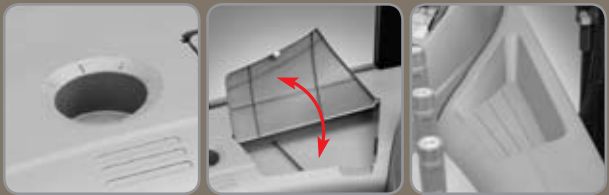


Self - diagnostic LCD Monitor

The LCD monitor has a back-light system to provide a clear view of the system's operation in all environments. The monitor provides information about operation error, system fault, battery level, hour meter plus other various functions.

Cup Holder, Console Box & Storage Space

Additional storage spaces are located inside the operating space for operator's convenience.



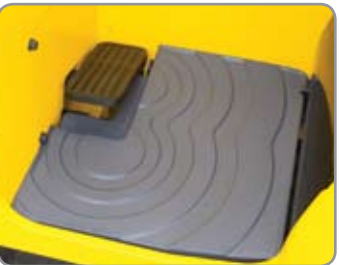
Strong Overhead Guard

The safety overhead guard meets EEC and ANSI regulations and protects the operator during hazardous work.



Operator's Compartment

A large and safe cushion pad is positioned for operator's safety and comfort.



Non Slip Floor Mat

A heavy, vibration dampening, non-slip floor mat reduces operator fatigue and allows for increased productivity.

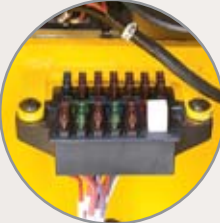


Break Pedal

Smoother breaking is assured by the balanced design of the pedal and maintenance costs are lowered as the cover is easily replaceable.

Durability, Easy Maintenance

An ideal arrangement of component parts ensures easy access and convenience for maintenance.



Concentrated Fuse Box for Easy Inspection



Disc Brake

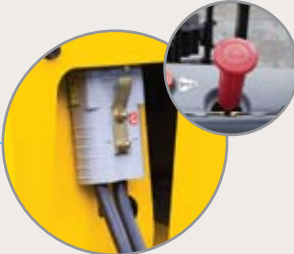
Caliper disc brake increases braking force. Maintenance costs are lowered by easy replaceable brake pad.



EPS (Electric Power Steering) System



Hydraulic Oil Level Gauge



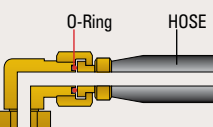
Battery Disconnect Lever & Emergency Switch



Reliable MOSFET Type Controller



Easy Battery Replacement



ORFS (O-Ring Face Seal)

ORFS type hose prevents the leaking of hydraulic oil.



High Visibility Headlights & Rear Work Light



DC-DC Converter

DC-DC converter, satisfied with UL & CE, prevents from short circuit, overload and reverse polarity.

Mast Specification (10BR-7/13BR-7)

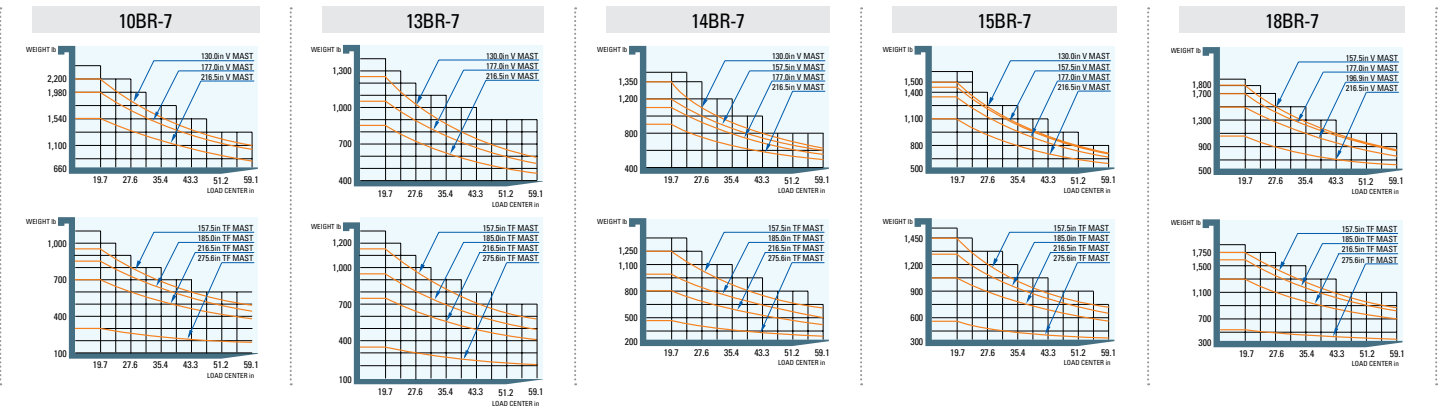
Mast Type		Maximum Fork Height (in)	Overall Height (Lowered) (in)	Overall Height(Extended)(in)		Free Lift Height(in)		Tilt Angle(deg)		Load Capacity at 24in LC(lb)				Truck Weight (Unloaded) (lb)	
				With Load Backrest	Without Load Backrest	With Load Backrest	Without Load Backrest	Fwd	Bwd	Without Side Shift		With Side Shift			
										10/13BR-7	10/13BR-7	10/13BR-7	10/13BR-7	10/13BR-7	10/13BR-7
2 / Stage Limited Free Lift	V250	99.4	68.5	138.8	119.5	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,588	4,608
	V270	107.3	72.5	146.7	127.4	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,610	4,630
	*V300	119.1	78.4	158.5	139.2	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,641	4,663
	V330	130.9	84.3	170.3	151.0	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,676	4,696
	V350	138.8	88.2	178.1	158.9	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,698	4,718
	V370	146.7	92.2	186.0	166.7	14.1	14.1	3	5	2,000	2,500	2,000	2,500	4,735	4,757
	V400	158.5	98.1	197.8	178.5	14.1	14.1	3	5	2,000	2,500	1,940	2,381	4,795	4,815
	V450	178.1	111.9	217.5	198.2	14.1	14.1	3	5	1,984	2,315	1,830	2,160	4,934	4,954
	V500	197.8	121.7	237.2	217.9	14.1	14.1	3	5	1,764	2,094	1,609	1,940	4,989	5,009
	V550	217.5	131.5	256.9	237.6	14.1	14.1	3	5	1,543	1,874	1,389	1,720	5,044	5,064
3 / Stage Full Free Lift	TF370	147.0	71.1	186.7	167.0	31.5	52.6	3	5	2,000	2,500	2,000	2,500	4,974	4,996
	TF400	158.9	75.0	198.5	178.8	35.4	56.5	3	5	2,000	2,500	1,940	2,381	5,020	5,042
	TF430	170.7	79.0	210.3	190.6	39.3	60.4	3	5	1,984	2,425	1,830	2,271	5,066	5,088
	TF450	178.5	82.9	218.2	198.5	43.3	64.4	3	5	1,984	2,205	1,830	2,050	5,106	5,128
	TF470	186.4	84.9	226.1	206.3	45.2	66.3	3	5	1,874	2,094	1,720	1,940	5,132	5,154
	TF500	198.2	88.8	237.9	218.1	49.2	70.3	3	5	1,874	1,984	1,720	1,830	5,179	5,201
	TF550	217.9	96.7	257.6	237.8	57.0	78.1	3	5	1,543	1,653	1,389	1,499	5,315	5,337
	TF600	237.6	104.6	277.2	257.5	64.9	86.0	3	5	1,323	1,433	1,168	1,279	5,401	5,423
	TF650	257.3	112.4	296.9	277.2	72.8	93.9	3	5	1,102	1,213	948	1,058	5,489	5,511
	TF700	277.0	120.3	316.6	296.9	80.7	101.8	3	5	661	772	507	617	5,553	5,575

Mast Specification (14BR-7/15BR-7/18BR-7)

Mast Type		Maximum Fork Height (in)	Overall Height (Lowered) (in)	Overall Height(Extended)(in)		Free Lift Height(in)		Tilt Angle(deg)		Load Capacity at 24in LC(lb)						Truck Weight (Unloaded) (lb)		
				With Load Backrest	Without Load Backrest	With Load Backrest	Without Load Backrest	Fwd	Bwd	Without Side Shift		With Side Shift						
										14/15/18BR-7	14/15/18BR-7	14/15/18BR-7	14/15/18BR-7	14/15/18BR-7	14/15/18BR-7	14BR-7	15BR-7	18BR-7
2 / Stage Limited Free Lift	V250	99.4	68.5	138.8	119.5	14.1	14.1	3	5	2,525	2,750	3,400	2,525	2,750	3,400	4,777	5,037	5,090
	V270	107.3	72.5	146.7	127.4	14.1	14.1	3	5	2,525	2,750	3,400	2,525	2,750	3,400	4,799	5,060	5,112
	*V300	119.1	78.4	158.5	139.2	14.1	14.1	3	5	2,525	2,750	3,400	2,525	2,750	3,400	4,832	5,093	5,146
	V330	130.9	84.3	170.3	151.0	14.1	14.1	3	5	2,525	2,750	3,400	2,425	2,750	3,400	4,866	5,126	5,181
	V350	138.8	88.2	178.1	158.9	14.1	14.1	3	5	2,425	2,750	3,400	2,325	2,700	3,400	4,888	5,150	5,203
	V370	146.7	92.2	186.0	166.7	14.1	14.1	3	5	2,325	2,750	3,400	2,225	2,650	3,350	4,925	5,187	5,240
	V400	158.5	98.1	197.8	178.5	14.1	14.1	3	5	2,225	2,650	3,400	2,125	2,550	3,250	5,007	5,267	5,320
	V450	178.1	111.9	217.5	198.2	14.1	14.1	3	5	2,000	2,425	3,250	1,900	2,325	3,150	5,143	5,406	5,459
	V500	197.8	121.7	237.2	217.9	14.1	14.1	3	5	1,825	2,275	2,750	1,725	2,175	2,650	5,201	5,461	5,514
	V550	217.5	131.5	256.9	237.6	14.1	14.1	3	5	1,600	2,050	1,925	1,500	1,950	1,825	5,256	5,516	5,569
3 / Stage Full Free Lift	TF370	147.0	71.1	186.7	167.0	31.5	52.6	3	5	2,425	2,750	3,400	2,325	2,650	3,300	5,212	5,472	5,527
	TF400	158.9	75.0	198.5	178.8	35.4	56.5	3	5	2,300	2,650	3,350	2,200	2,550	3,250	5,258	5,518	5,573
	TF430	170.7	79.0	210.3	190.6	39.3	60.4	3	5	2,100	2,575	3,175	2,000	2,475	3,075	5,304	5,564	5,619
	TF450	178.5	82.9	218.2	198.5	43.3	64.4	3	5	2,000	2,425	3,075	1,900	2,325	2,975	5,346	5,606	5,659
	TF470	186.4	84.9	226.1	206.3	45.2	66.3	3	5	1,800	2,375	2,975	1,700	2,275	2,875	5,370	5,631	5,686
	TF500	198.2	88.8	237.9	218.1	49.2	70.3	3	5	1,675	2,225	2,850	1,575	2,125	2,750	5,417	5,677	5,732
	TF550	217.9	96.7	257.6	237.8	57.0	78.1	3	5	1,450	1,925	2,300	1,350	1,825	2,200	5,562	5,822	5,875
	TF600	237.6	104.6	277.2	257.5	64.9	86.0	3	5	1,300	1,675	1,925	1,200	1,575	1,825	5,646	5,906	5,961
	TF650	257.3	112.4	296.9	277.2	72.8	93.9	3	5	1,125	1,475	1,650	1,025	1,375	1,550	5,734	5,994	6,047
	TF700	277.0	120.3	316.6	296.9	80.7	101.8	3	5	925	1,125	1,125	825	1,025	1,025	5,798	6,058	6,113

* STANDARD

Load Capacity



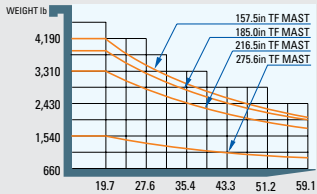
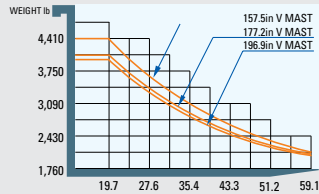
Mast Specification (20BR-7/25BR-7)

Mast Type		Maximum Fork Height (in)		Overall Height (Lowered) (in)		Overall Height(Extended)(in)				Free Lift Height(in)				Tilt Angle(deg)		Load Capacity at 24in LC(lb)				Truck Weight (Unloaded) (lb)	
		20BR-7	25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	20/25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	20BR-7	25BR-7	
2 / Stage Limited Free Lift	V250	98.6	98.6	69.9	69.9	139.0	139.0	116.9	116.9	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,785	6,239
	V270	106.5	106.5	73.8	73.8	146.9	146.9	124.8	124.8	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,813	6,268
	*V300	118.3	118.3	79.7	79.7	158.7	158.7	136.6	136.6	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,858	6,310
	V330	130.1	130.1	85.6	85.6	170.5	170.5	148.4	148.4	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,899	6,351
	V350	138.0	138.0	89.6	89.6	178.3	178.3	156.3	156.3	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,926	6,380
	V370	145.9	145.9	95.5	95.5	186.2	186.2	153.9	153.9	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,850	4,925	5,968	6,422
	V400	157.7	157.7	101.4	101.4	198.0	198.0	176.0	176.0	16.3	16.3	16.3	16.3	3	5	3,850	4,925	3,725	4,825	6,041	6,495
	V430	169.5	169.5	107.3	107.3	209.8	209.8	187.8	187.8	16.3	16.3	16.3	16.3	3	5	3,725	4,750	3,625	4,650	6,149	6,603
	V450	177.4	177.4	113.2	113.2	217.7	217.7	195.7	195.7	16.3	16.3	16.3	16.3	3	5	3,550	4,650	3,450	4,550	6,208	6,662
	V470	185.2	185.2	117.1	117.1	225.6	225.6	203.5	203.5	16.3	16.3	16.3	16.3	3	5	3,550	4,525	3,450	4,425	6,235	6,689
3 / Stage Full Free Lift	V500	197.0	197.0	123.0	123.0	237.4	237.4	215.4	215.4	16.3	16.3	16.3	16.3	3	5	3,450	4,425	3,350	4,325	6,276	6,731
	TF370	145.9	145.9	71.9	71.9	186.2	186.2	171.6	171.6	31.5	31.5	46.1	46.1	3	5	3,800	4,925	3,700	4,825	6,517	6,971
	TF400	157.7	157.7	75.8	75.8	198.0	198.0	183.4	183.4	35.4	35.4	50.1	50.1	3	5	3,625	4,850	3,525	4,750	6,563	7,015
	TF430	169.5	169.5	79.7	79.7	209.8	209.8	195.2	195.2	39.4	39.4	54.0	54.0	3	5	3,525	4,650	3,425	4,550	6,607	7,061
	TF450	177.4	177.4	83.7	83.7	217.7	217.7	203.1	203.1	43.3	43.3	58.0	58.0	3	5	3,400	4,650	3,300	4,550	6,647	7,101
	TF470	185.2	185.2	85.6	85.6	225.6	225.6	210.9	210.9	45.3	45.3	59.9	59.9	3	5	3,300	4,325	3,200	4,225	6,671	7,123
	TF500	197.0	197.0	89.6	89.6	237.4	237.4	222.8	222.8	49.2	49.2	63.9	63.9	3	5	3,175	4,125	3,075	4,025	6,713	7,167
	TF550	216.7	216.7	97.4	97.4	257.1	257.1	242.4	242.4	57.1	57.1	71.7	71.7	3	5	2,850	3,850	2,750	3,750	6,892	7,346
	TF600	236.4	236.4	105.3	105.3	276.8	276.8	262.1	262.1	65.0	65.0	79.6	79.6	3	5	2,425	3,625	2,325	3,525	6,978	7,432
	TF650	256.1	256.1	113.2	113.2	296.5	296.5	281.8	281.8	72.8	72.8	87.5	87.5	3	5	2,200	2,750	2,100	2,650	7,066	7,520
TF700	275.8	275.8	121.1	121.1	316.1	316.1	301.5	301.5	80.7	80.7	95.4	95.4	3	5	1,475	1,925	1,375	1,825	7,149	7,604	
TF750	295.5	295.5	127.0	127.0	335.8	335.8	321.2	321.2	86.6	86.6	101.3	101.3	3	5	772	1,375	672	1,275	7,705	7,705	

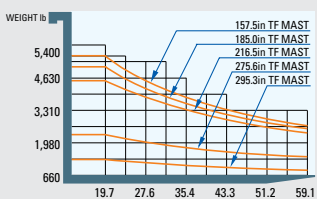
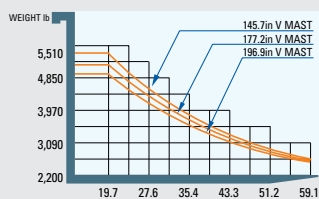
* STANDARD

Load Capacity

20BR-7



25BR-7



Optional Items

• MAST

(V-Mast)
10/13/14/15/18BR-7 : V250, V270, V330, V350, V370, V400, V450, V500, V550
20/25BR-7 : V250, V270, V330, V350, V370, V400, V430, V450, V470, V500
(TF-Mast)
10/13/14/15/18/20BR-7 : TF370, TF400, TF430, TF450, TF470, TF500, TF550, TF600, TF650, TF700
25BR-7 : TF370, TF400, TF430, TF450, TF470, TF500, TF550, TF600, TF650, TF700, TF750

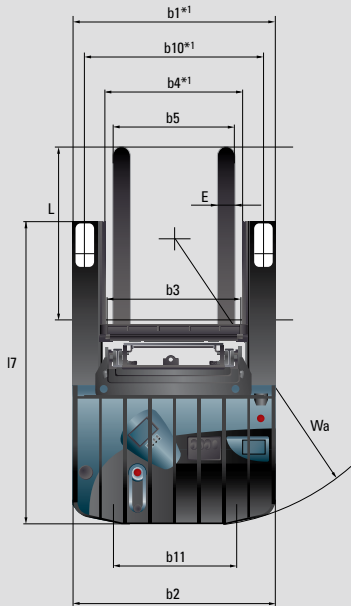
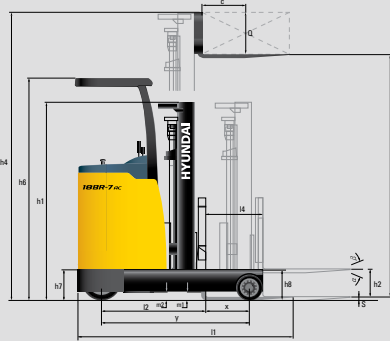
• FORK (in)

10/13/14/15/18BR-7 : 29.5 / 33.5 / 41.3 / 47.2 / 53.1 / 59.1
20/25BR-7 : 35.4 / 39.4 / 47.2 / 53.1 / 59.1 / 65.0 / 70.9
• TIRE
10/13/14/15/18BR-7
OPTION1 : All Urethane
OPTION2 : All Rubber
Non-marking
20/25BR-7
OPTION1 : All Urethane
Non-marking

• Side Shift

• Steering : Reverse
• MCV : 4-SP00L
• Lever Arrang : A,R,T,L
• Beacon Lamp (Color : Amber / Red / Blue)
• COLD STORAGE

Dimension



Specification

■ Identification

1.1	Manufacturer	HYUNDAI	HYUNDAI	HYUNDAI	HYUNDAI	HYUNDAI	HYUNDAI	HYUNDAI
1.2	Manufacturer's type designation	10BR-7	13BR-7	14BR-7	15BR-7	18BR-7	20BR-7	25BR-7
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas, manual	electric	electric	electric	electric	electric	electric	electric
1.4	Type of operation:hand, pedestrian, standing, seated, order-picker	standing	standing	standing	standing	standing	standing	standing
1.5	Load capacity / rated load	Q (t)	1	1.25	1.35	1.5	1.8	2
1.6	Load center distance	c(in)	20	20	20	20	20	0
1.8	Load distance, center of load wheel to fork face	x(in)	5.9	7.3	10.8	12.0	19.3	24.3
1.9	Wheelbase	y(in)	43.9	45.3	49.2	51.8	59.1	66.9

■ Weights

2.1	Service weight (Inc. battery)	lb	4,760	4,859	4,894	5,258	5,307	5,904
2.3	Axle loading, Fork retracted, Unloaded (Load end / Drive end)	lb	1,748 / 3,012	1,731 / 3,128	1,768 / 3,126	1,856 / 3,402	1,680 / 3,627	2,048 / 3,856
2.4	Axle loading, Fork extended, Loaded (Load end / Drive end)	lb	5,706 / 1,259	6,554 / 1,060	6,848 / 1,021	7,366 / 1,199	8,407 / 1,230	9,169 / 1,144
2.5	Axle loading, Fork retracted, Loaded (Load end / Drive end)	lb	4,645 / 2,319	5,243 / 2,372	5,280 / 2,390	5,653 / 2,912	5,675 / 3,600	6,702 / 3,613

■ Wheels,Chassis

3.1	Tires:solid rubber, superelastic, pneumatic, polyurethane (Load/Drive/Caster)	P-Ure/Rub/Rub	P-Ure/Rub/Rub	P-Ure/Rub/Rub	P-Ure/Rub/Rub	P-Ure/Rub/Rub	P-Ure/Rub/Rub	P-Ure/Rub/Rub
3.2	Tires size, Load (Φ x width)	in	Φ10 x 4	Φ10 x 4	Φ10 x 4	Φ10 x 4	Φ10 x 4	Φ10.5 x 4.5
3.3	Tires size, Drive (Φ x width)	in	Φ12 x 5.7	Φ12 x 5.7	Φ12 x 5.7	Φ12 x 5.7	Φ12 x 5.7	Φ15 x 5.6
3.4	Tires size, Caster (Φ x width)	in	Φ7 x 2.9	Φ7 x 2.9	Φ7 x 2.9	Φ7 x 2.9	Φ7 x 2.9	Φ8 x 3
3.5	Wheels number : load x drive (driven wheel) x caster		2 x 1 x 2	2 x 1 x 2	2 x 1 x 2	2 x 1 x 2	2 x 1 x 2	2 x 1 x 2
3.6	Track width, Load end	b10*(in)	38.2	38.2	38.2	38.2	38.2	41.7
3.7	Track width, Drive end	b11(in)	24.1	24.1	24.1	24.1	24.1	27.1

■ Basic Dimensions

4.1	Tilt angle, Mast / fork carriage (forward / backward)	degrees	3 / 5	3 / 5	3 / 5	3 / 5	3 / 5	3 / 5
4.2	Lowered mast height	h1 (in)	78.4	78.4	78.4	78.4	78.4	79.7
4.3	Free lift	h2 (in)	14.1	14.1	14.1	14.1	14.1	16.3
4.4	Lift height	h3 (in)	118.1	118.1	118.1	118.1	118.1	118.1
4.5	Extended mast height	h4 (in)	158.5	158.5	158.5	158.5	158.5	158.7
4.7	Overhead load guard (cab) height	h6 (in)	89.0	89.0	89.0	89.0	90.4	90.4
4.8	Seat height	h7 (in)	12.8	12.9	12.8	12.8	12.8	13.6
4.19	Overall length (Reach In, With Fork)	l1 (in)	83.1	83.1	83.5	84.8	84.8	93.4
4.20	Length to face of forks (Reach In)	l2 (in)	47.6	47.6	48.0	49.4	49.4	52.1
4.21	Overall width (Load end / Drive end)	b1*/b2 (in)	42.0	42.0	42.0	42.0	42.0	47.0
4.22	Fork dimensions (hook type)	s/e/(in)	35.4x3.9x1.4	35.4x3.9x1.4	35.4x3.9x1.4	35.4x3.9x1.4	35.4x3.9x1.4	41.3x3.9x1.8
4.23	Fork carriage ISO 2328, class / type A,B		II, A	II, A	II, A	II, A	II, A	II, A
4.24	Fork-carriage width	b3 (in)	40.1	40.1	40.1	40.1	40.1	43.0
4.25	Overall fork width	b5 (in)	28.9	28.9	28.9	28.9	28.9	28.4
4.26	Distance between support arms / loading surface	b4*(in)	30.4	30.4	30.4	30.4	30.4	33.0
4.28	Reach distance	l4 (in)	13.0	14.4	17.7	18.9	26.2	31.8
4.31	Ground clearance, loaded, under mast	m1(in)	4.2	4.2	4.2	4.2	5.1	5.1
4.32	Ground clearance, centre of wheelbase	m2(in)	3.3	3.3	2.8	2.8	2.8	3.0
4.33	Aisle width for pallets 1,000 x 1,200 crossways	Ast(in)	104.9	105.2	105.8	107.2	108.8	111.3
4.34	Aisle width for pallets 800 x 1,200 lengthways	Ast(in)	108.2	108.3	108.4	109.7	109.8	113.0
4.35	Turning radius	Wa(in)	56.1	57.5	60.8	63.2	69.9	78.1
4.37	Length across wheel arms	l7(in)	58.9	60.2	64.2	66.7	74.0	81.9

■ Performance Data

5.1	Travel speed (loaded / unloaded)	mile/h	7.1	7.1	6.8	6.8	6.8	7.5
5.2	Lift speed (loaded / unloaded)	m/s	63 / 98	59 / 98	69 / 108	67 / 108	63 / 108	59 / 93
5.3	Lowering speed (loaded / unloaded)	m/s	98 / 89	98 / 89	98 / 89	98 / 89	98 / 89	98 / 89
5.7	Max gradient performance, S2 3min (loaded / unloaded)	%	21 / 18	18 / 19	30 / 16	29 / 16	26 / 15	18 / 16
5.9	Acceleration time, 10m over (loaded / unloaded)	sec	-	-	5.5	5.6	5.9	5.1
5.10	Service brake		DISC	DISC	DISC	DISC	DISC	DISC

■ E-Motor

6.1	Drive motor, rating S2= 60min	hp	5.9	5.9	9.1	9.1	9.1	9.1	9.1
6.2	Lift motor, rating at S3=15% (S2 5min)	hp	21.2	21.2	21.2	21.2	21.2	21.2	21.2
6.3	Battery acc. to DIN 43531/ 35/ 36 A, B, C, no		no	no	no	no	no	no	no
6.4	Battery voltage, nominal capacity K5	V/Ah	48/ 198	48/ 198	48/ 210	48/ 280	48/ 280	48/ 300	48/ 300
6.5	Battery weight (min)	lb	816	816	838	1,058	1,058	1,102	1,102
	Battery dimensions L/ W/ H	in	39.1x10.6x22.9	39.1x10.6x22.9	39.1x11.8x22.9	39.1x14.9x22.9	39.1x14.9x22.9	39.1x14.9x22.9	39.1x14.9x22.9