



4700 Series Lift Trucks

The right truck...
the right fit.

Give your operators more comfort and confidence with the new 4700 Series four-wheel electric lift trucks from Raymond. The 4700 Series is easy to use, more maneuverable, and more responsive than any truck in its class.

Your operators will become productive fast and stay productive longer. They'll appreciate the comfortable operating position, adjustable seat and steering wheel, and easy-to-reach, intuitive controls. And our exclusive *ACR System*[™] increases productivity with faster, smoother operation, more torque, better acceleration and less downtime.

Get these 4700 Series advantages:

- A smaller footprint truck that lifts up to 6,000 lbs.
- A roomy, comfortable operator's compartment that makes operators feel more confident and productive
- A tight turning radius and better right angle stacking ability
- Raymond's *ACR System*[™] with AC drive and lift motors for more performance and lower maintenance costs
- Sealed, oil-cooled disc brakes that need less frequent service
- A long list of standard features that are optional on other brand trucks

RAYMOND
Above. And beyond.[®]

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Standard features on 4700 Series trucks.

Standard features on all 4700 Series trucks

- The *ACR System* for faster, smoother operation and less maintenance
- AC drive and lift motors
- Programmable performance to suit most any application
- Tilt steering wheel to fit almost any operator
- Semisuspension, adjustable seat for more comfort and productivity
- Open view mast design for exceptional visibility
- 48" load backrest for better load stability
- Smooth hydraulics for more precise load control
- Side removal battery access to save time
- Integral sideshift
- Brake lights and taillights
- Grab bar to assist entry and exit
- Owner and Operator Manuals
- Deadman seat switch
- 36 Volt (48 Volt configurable)

Standard features on Models C30, C40 and C50HM

- Unique steering geometry for greater agility, and a tighter turning radius
- Dual AC drive motors for better performance
- Oil-cooled disc brakes for lower operating costs and less downtime



Specifications—4700 Series

DIMENSIONS							
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT
Load Capacity (24" L.C.)	lb.	3000	4000	5000	5000	5000	6000
Brakes		Hydraulic Oil-cooled Disc Brakes			Hydraulic		
A Maximum Fork El. Ht.	in.	188	188	189	189	189	186
B Mast Lowered Height	in.	83	83	84	84	84	83
C Mast Extended Height	in.	236	236	237	237	237	234
D Free Lift	in.	35			35		
E Load Distance*	in.	15.9	15.9	16	16.7	16.7	17.6
F Wheelbase	in.	48			52	54.5	54.5
G Fork Size (L x W x T)	in.	42 x 3.9 x 1.8			42 x 3.9 x 1.8	42 x 3.9 x 1.8	42 x 4.9 x 1.8
H Length to Fork Face	in.	75.9	77.6	81.2	82	85.4	88
I Overhead Guard Height	in.	88.5			90		
J Tilt Range (Forward/Backward)	in.	5 / 6			5 / 6		
K Outside Turning Radius	in.	62.3	63.7	66.9	72.8	75.6	77.4
L Basic Right angle Stacking Aisle Width**	in.	126.2	127.6	130.9	137.5	140.3	143
M Overall Width	in.	39.4	40.7	40.7	43.8	43.8	44.9
N Carriage Width	in.	35.5			35.5	35.5	43.5
O Tread/Track Width	Front	in.	34.0	35.7	35.7	35.8	35.8
	Rear	in.	34.0			34.0	

* Center of wheel to face of forks
 ** With 48" long load

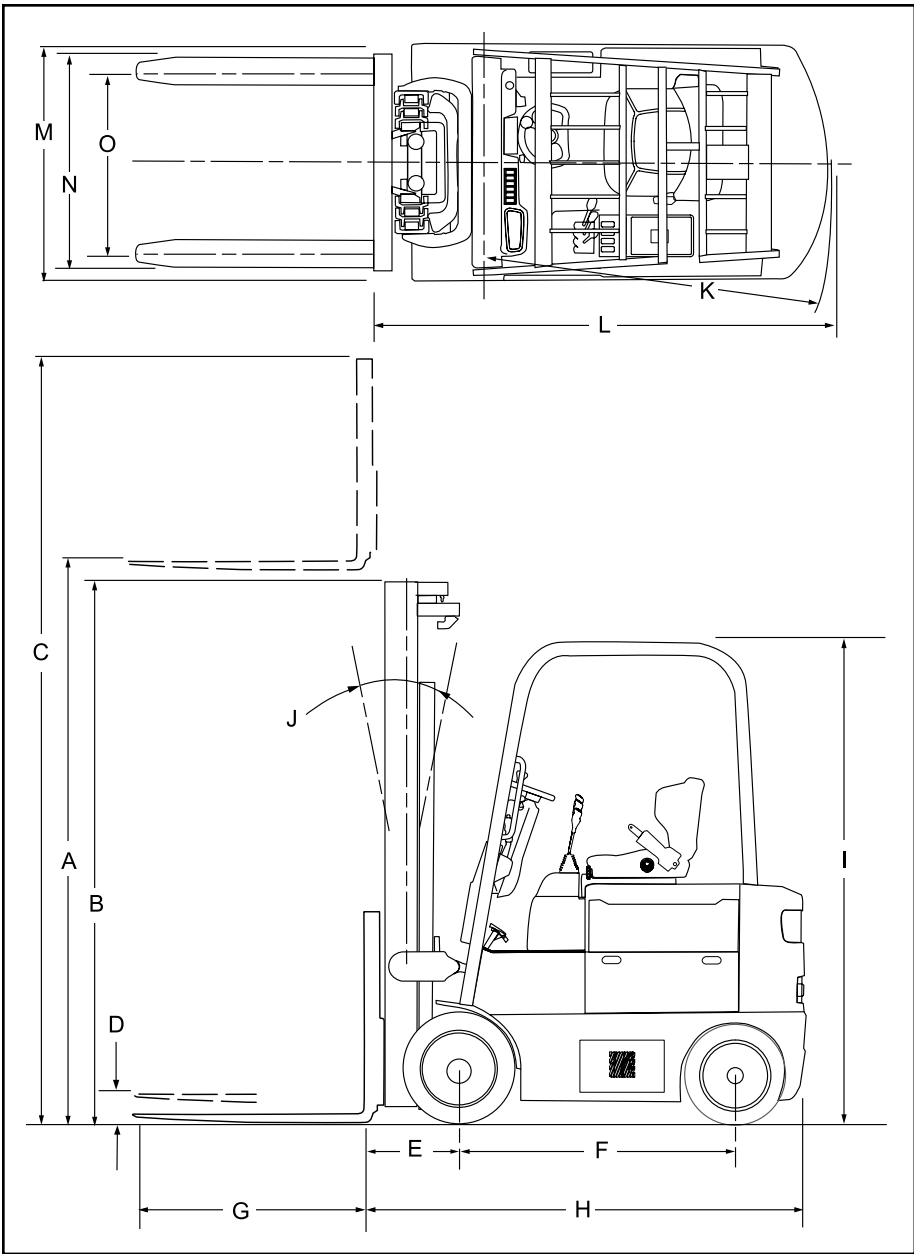
PERFORMANCE SPECIFICATIONS								
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT	
Maximum Travel Speed Forward/Reverse	Loaded	36V	8.0			8.4	8.4	8.1
	Loaded	48V	10.0	10.0	9.3	9.9	9.9	9.6
	Empty	36V	8.7			8.7		
	Empty	48V	10.2	10.2	9.6	10.3		
Lift Speed	Loaded	36V / 48V	fpm	59 / 69	55 / 67	53 / 65	53 / 67	53 / 65
	Empty	36V / 48V	fpm	89 / 106	89 / 106	89 / 96	89 / 96	85 / 91
Lowering Speed	Loaded		fpm	94			94	
	Empty		fpm	75			75	
Maximum Drawbar Pull	Loaded		lb.					
	Empty		lb.					
Maximum Gradeability	Loaded	36V	%	20	17.5	17.5	20	
	Loaded	48V	%	20	17.5	17.5	20	
	Empty	36V	%	25			25	
	Empty	48V	%	25			25	

UNDERCLEARANCE							
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT
Center of Wheelbase	in.	3.54			3.54		

TRUCK WEIGHTS								
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT	
Truck Weights		7572	8884	9770	10650	10813	11775	
Gross Weight Without Battery	lb.	4850	4850	4850	5380	5380	6330	
Weight Distribution w/ Std Battery	Front-loaded	lb.	9200	11098	12709	13776	13983	15923
	Rear-loaded	lb.	1373	1786	2061	1874	1830	1852
	Front-empty	lb.	3615	3461	3245	4513	5103	5216
	Rear-empty	lb.	3957	5423	6525	6137	5710	6559

ATTACHMENT							
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT
Attachment Operating Hydraulic Pressure	psi	1886			1886		

TIRES							
		4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT
Type (Front/Rear)		Cushion/Cushion			Cushion/Cushion		
Size (ODxWxD)	Drive	18 x 7 x 12.12	12 x 7 x 15	21 x 7 x 15	21 x 8 x 15	12 x 8 x 15	21 x 9 x 15
	Steer	16 x 5 x 11.25	16 x 5 x 11.25	16 x 6 x 11.25	18 x 6 x 12.2	18 x 6 x 12.2	18 x 6 x 12.12



Model 4700 C30
3,000-lb. capacity



Model 4700 C40
4,000-lb. capacity



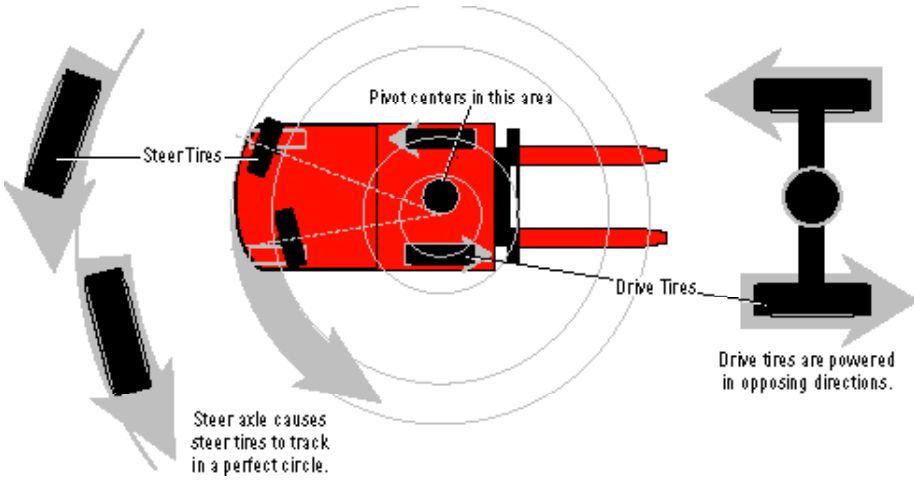
Model 4700 C50HM
5,000-lb. capacity



Model 4700 C50
5,000-lb. capacity



Model 4700 C60
6,000-lb. capacity



Optional features on 4700 Series trucks.

Options available for 4700 Series trucks

- Fingertip hydraulic controls for high-shuttle operations
- Bidirectional pedals for high-shuttle operations
- Semisuspension cloth seat for added comfort
- Variety of tires, including SuperElastic tires for limited outdoor applications
- UL (E) and (EE) labels
- Cold storage conditioning
- Multiple overhead guard configurations, including drive-in rack
- Multiple mast tilt configurations
- Array of work lights
- Battery rollers
- Backup and travel alarms



Mast and Battery Specifications

MAST SPECIFICATIONS					
Model	OACH	Elevated Height	Extended Height w/Load Backrest	Free Lift	Truck Weight w/o Battery
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lb. (kg)
4700C30 TF / 4700C40 TF / 4700C50HM TF	82 (2083)*	128 (3251)	176 (4470)	34 (864)	TBA
	87 (2210)	138 (3505)	186 (4724)	39 (991)	TBA
4700C30 TT / 4700C40 TT	83 (2108)	188 (4775)	236 (5994)	35 (889)	TBA
	88 (2235)	201 (5105)	249 (6325)	40 (1016)	TBA
	93.5 (2375)	217 (5512)	265 (6731)	46 (1168)	TBA
	101 (2565)	237 (6020)	285 (7239)	53 (1346)	TBA
4700C30 QM / 4700C40 QM / 4700C50HM QM	78.5 (1994)	222.5 (5652)	270.5 (6871)	31 (787)	TBA
	83 (2108)	240.5 (6109)	288.5 (7328)	35 (889)	TBA
	89 (2261)	258.5 (6566)	306.5 (7785)	41 (1041)	TBA
	93.5 (2375) **	270.5 (6871)	318.5 (8090)	46 (1168)	TBA
4700C50 TF / 4700C60 TF	87 (2210)	129 (3277)	177 (4496)	39 (991)	TBA
4700C50 TT / 4700C50L TT / 4700C50HM TT	84 (2134)	189 (4800)	237 (6120)	35 (889)	TBA
	88 (2235)	200 (5080)	248 (6299)	40 (1016)	TBA
	93.5 (2374)	216 (5486)	264 (6706)	46 (1168)	TBA
	101 (2565)	237 (6020)	285 (7239)	53 (1346)	TBA
4700C50 QM / 4700C50L QM	77 (1956)	216.5 (5499)	264.5 (6718)	29 (737)	TBA
	83 (2108)	240.5 (6109)	288.5 (7328)	35 (889)	TBA
	89 (2261)	258.5 (6566)	306.5 (7785)	41 (1041)	TBA
	95 (2413)	276.5 (7023)	324.5 (8242)	47 (1194)	TBA
	107 (2718)	312.5 (7938)	360.5 (9157)	59 (1499)	TBA
4700C60 TF	87 (2210)	129 (3277)	177 (4496)	39 (991)	TBA
4700C60 TT	83 (2108)	186 (4724)	234 (5944)	35 (889)	TBA
	88 (2235)	200 (5080)	248 (6299)	40 (1016)	TBA
	93.5 (2375)	216.5 (5486)	264 (6706)	46 (1168)	TBA
	101 (2565)	237 (6020)	285 (7239)	53 (1346)	TBA
4700C60 QM	77 (1956)	200.5 (5093)	248.5 (6312)	29 (737)	TBA
	83 (2108)	224.5 (5702)	272.5 (6922)	35 (889)	TBA
	89 (2261)	245.5 (6236)	293.5 (7455)	41 (1041)	TBA
	95 (2413)	260.5 (6617)	308.5 (7836)	47 (1194)	TBA
	107 (2718)	290.5 (7379)	338.5 (8598)	59 (1499)	TBA

* Not available on C40 and C50HM.

** Not available on C30.

BATTERY COMPARTMENT DIMENSIONS											
				4700C30 TF, TT	4700C40 TF, TT	4700C50HM TF, TT	4700C50 TF, TT	4700C50L TF, TT	4700C60 TF, TT		
Power Type				Lead Acid Battery							
Width				in.	27.9	27.9	27.9	27.9	33.75	33.75	
Length				in.	35.55	38.69	38.69	39.4	39.4	39.4	
Height				in.	22.81	22.81	22.81	22.81	22.81	22.81	
Battery	Voltage/Capacity	STD	36V / 48V	AH							
	(6-hour Rating)	High	36V / 48V	AH	900 / 700	900 / 700	1400 / 1100	1400 / 1100	1400 / 1100	1400 / 1100	
	Min. Weight		36V / 48V	lb.	1800	2450	2450	2450	3100	3100	
	Max. Weight		36V / 48V	lb.	2300	3000	3000	3000	3970	3700	
Electric Motors	Drive			kW	4.5			16.6			
	Load Handling (Hyd.)		36V / 48V	kW	10			10			
Control Type	Drive				MOSFET Invertor						
	Load Handling (Hyd.)				MOSFET Invertor						
	Power Steering				MOSFET Invertor						



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Above. And beyond.®

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