

5000 SERIES ORDERPICKER TRUCK

SPECIFICATION SHEET



For International Use Only

RAYMOND

MOVE MORE PRODUCT FASTER

The Raymond 5000 Series trucks are designed to boost productivity. With our exclusive ACR System™ you'll get a faster, smoother operation, increased travel and lift speeds and easier load handling so you can move more product per shift. Specially designed ergonomic controls increase efficiency. A variety of other features improve your operators' comfort and security, including excellent visibility, our exclusive wire guidance system and programmable speeds to suit different operators and applications.

- Exclusive ACR System delivers faster, smooth operation with less downtime and lower total cost of ownership
- intelliguide™ frees operators from steering responsibilities in very narrow aisles
- Auto-steer centering with electronic power steering reduces risk of damage to trucks, product and racks
- Variable lift/lower controls provide smooth, precise lift and lower motion for the platform
- Programmable performance easily accommodates operator skill levels and other variables with custom configuration
- Flip-up sidegates provide large picking window and increase operator efficiency



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TRUCK SPECIFICATIONS 5200 ORDERPICKER

DIMENSIONS AND GENERAL INFORMATION			
		Model 5200	
A	Forks, Bar (Std.) (L x W x T)	in. (mm)	42 x 4 x 1.5 (1067 x 102 x 38)
A	Forks, Lengths (Opt.)	in. (mm)	33, 36, 48 (762, 914, 1219)
B	Baseleg OAW (Std.)	in. (mm)	40 (1016)
C	Truck Head Length	in. (mm)	72.5 (1842)
D	Truck Wheelbase	in. (mm)	60 (1524)
E	Fork Adjustment (OAW)	in. (mm)	24 [1] or 26 or 28 (610 or 660 or 711)
F	Power Unit and Baseleg OAW	in. (mm)	40 (1016)
G	Grade Clearance	%	13
H	Operator's Comp. Height	in. (mm)	78.5 (1994)
J	Truck Underclearance	in. (mm)	2 (51)
K	Step Height	in. (mm)	4.5 (114)
L	Battery Roller Height	in. (mm)	7 (178)
M	Overhead Guard Thickness	in. (mm)	2 (51)
N	Bumper to Drive Tire Center	in. (mm)	8 (203)
O	Operator Platform Length	in. (mm)	28.5 (724)
P	Lowered Fork Height	in. (mm)	3.25 (83)
Q	Operator Platform Width	in. (mm)	39 (991)
R	Power Unit Height	in. (mm)	47 (1194)
S	Top of Forks to Top of OHG	in. (mm)	85 (2159)
T	Sidegate Height	in. (mm)	40 (1016)
U	Pallet Clamp Stringer	in. (mm)	2 (51)
V	Baseleg Width	in. (mm)	4 (102)
W	Side Clearance (Rail or Wire Guided)	in. (mm)	Side Clearance specifications vary by truck and guidance type.

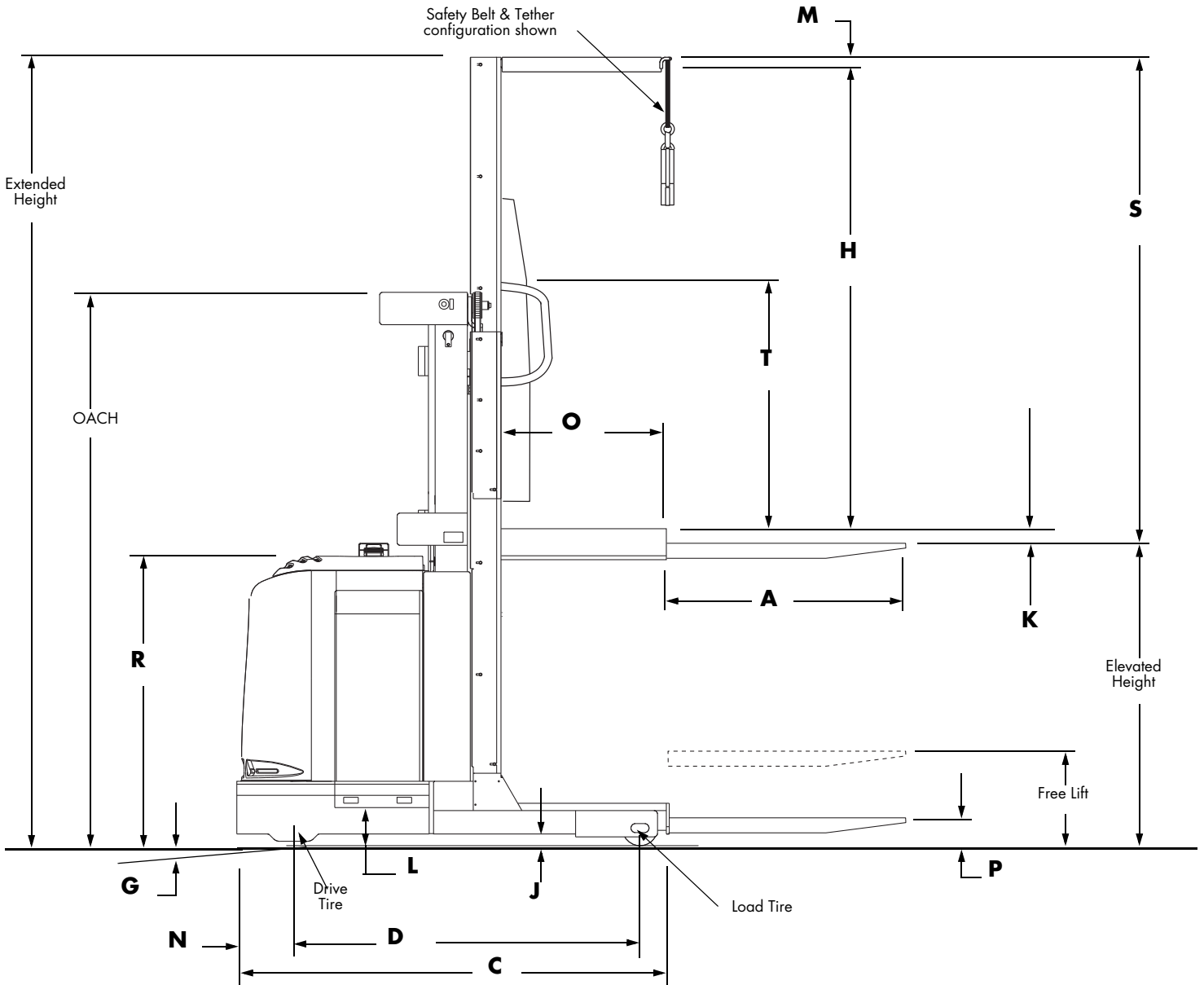
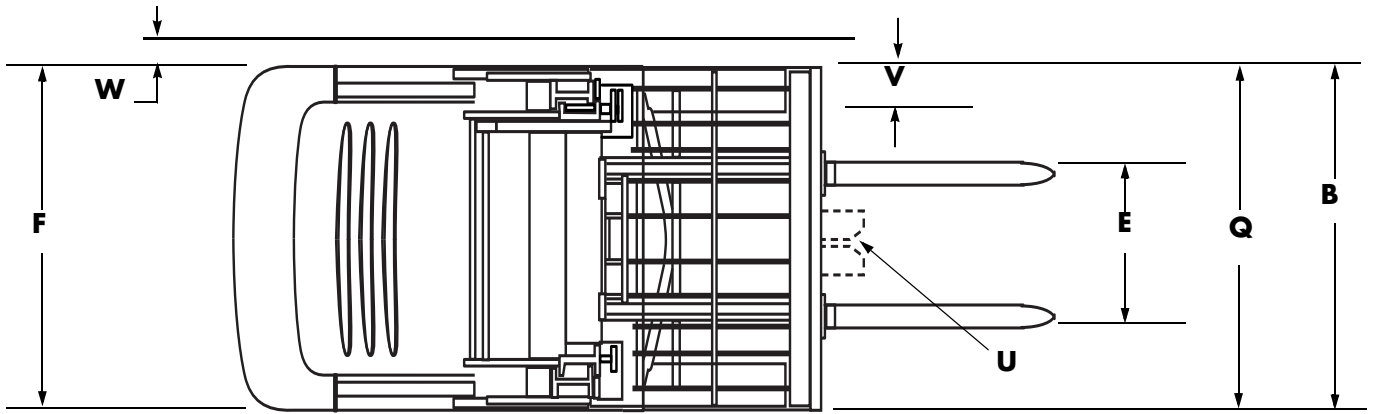
Notes:
[1] Standard setting when truck leaves the factory.

DIMENSIONS AND GENERAL INFORMATION (CONT'D)			
Power Unit		24 Volt, Single Drive	
Max. Cap. @ 24 in. [600 mm] Load Center	lb. (kg)	3,000 (1361)	
Operator's Compartment		Stand-Up	
Drive Tire, 1 Poly, Dia. x W	in. (mm)	12 x 5 (305 x 127)	
Load Tire, 2 Poly, Dia. x W	in. (mm)	6 x 3.625 (152 x 92)	
Gradability	%	[1]	
Turning Radius	in. (mm)	72 (1829)	
Mast		2-Stage Mast	3-Stage Mast
Maximum Elevated Height	in. (mm)	241 (6121)	240 (6096)

Notes:
[1] The orderpicker is designed for level floor operation only. It is capable of being driven in a fully lowered, unloaded condition on a maximum 100 ft. (30.5 m) long ramp with a maximum incline of 6%



DIAGRAM



TRUCK SPECIFICATIONS 5400/5500/5600 ORDERPICKER

DIMENSIONS AND GENERAL INFORMATION			
			OPC30TT
A	Forks, Bar (Standard) (L x W x T)	in. (mm)	42 x 4 x 1.5 (1067 x 102 x 38)
A	Forks, Lengths (Optional)	in. (mm)	30, 36, 48 (762, 914, 1219)
B	Baseleg Overall Width (OAW), Standard	in. (mm)	[1]
B	Baseleg Overall Width (OAW), Optional	in. (mm)	[2]
C	Truck Head Length	in. (mm)	74 (1880) [3]
D	Truck Wheelbase	in. (mm)	60 (1524)
E	Fork Adjustment (OAW)	in. (mm)	24 [4] or 26 or 28 (610 or 660 or 711)
F	Power Unit and Baseleg OAW	in. (mm)	40 (1016)
G	Grade Clearance	%	13
H	Operator's Comp. Height	in. (mm)	78.5 (1994)
J	Truck Underclearance	in. (mm)	2 (51)
K	Step Height	in. (mm)	4.5 (114)
L	Battery Roller Height	in. (mm)	7 (178)
M	CL to CL Load Wheel	in. (mm)	7 (178)
N	Bumper to Drive Tire Center	in. (mm)	8 (203)
O	Operator Platform Length	in. (mm)	28.5 (724)
P	Lowered Fork Height	in. (mm)	3.25 (83)
Q	Operator Platform Width	in. (mm)	39 (991)
R	Power Unit Height	in. (mm)	47 (1194)
S	Top of Forks to Top of OHG	in. (mm)	85 (2159)
T	Flip-Up Sidegate Height	in. (mm)	40 (1016)
U	Pallet Clamp Stringer Thickness	in. (mm)	1.25 - 2 in. (32 - 51)
V	Pallet Clamp OAW	in. (mm)	14.5 (368)
W	Overhead Guard Thickness	in. (mm)	2 (51)
X	Baseleg Width	in. (mm)	4 (102)
Y	Pallet Clamp Depth	in. (mm)	11 (279)
Z	Side Clearance (Rail or Wire Guided)	in. (mm)	Side Clearance specifications vary by truck and guidance type.

Notes:

[1] For El. Ht. below 300 in. (7620 mm): 40 in. (1016 mm) is Standard Baseleg OAW.
For El. Ht. 300 in. (7620 mm): 44 in. (1117 mm) is Standard Baseleg OAW.
For El. Ht. 315 in. (8001 mm): 48 in. (1219 mm) is Standard Baseleg OAW.
For El. Ht. 330 in. (8382 mm), 348 in. (8839 mm), and 390 in. (9906 mm): 56 in. (1422 mm) is Standard Baseleg OAW.

[2] For El. Ht. below 300 in. (7620 mm): 44 in. (1117 mm), and 48 in. (1219 mm) are Optional Baseleg OAW.
For El. Ht. 300 in. (7620 mm): 48 in. (1219 mm) is Optional Baseleg OAW.
For El. Ht. 315 in. (8001 mm): 56 in. (1422 mm) is Optional Baseleg OAW.

[3] 76 in. (1930 mm) at greater than 315 in. (8001 mm) Elevated Height.

[4] Standard setting on trucks where the truck is shipped standing.

DIMENSIONS AND GENERAL INFORMATION (CONT'D)		
		OPC30TT
Power Unit		24 Volt/36 Volt, Single Drive
Max. Cap. @ 24 in. (600 mm) Load Center	lb. (kg)	3,000 (1361)
Operator's Compartment		Stand-Up
Drive Tire, Soft Poly, Dia. x W	in. (mm)	12 x 5 (305 x 127)
Load Tire, Poly, Dia. x W (2) w/Hi-Pro OPC30TT [1]	in. (mm)	6 x 3.625 (152 x 92)
Gradability	%	[2]
Turning Radius	in. (mm)	72 (1829)
Mast Type		3-Stage
Maximum Elevated Mast Height	in. (mm)	390 (9906)

Notes:

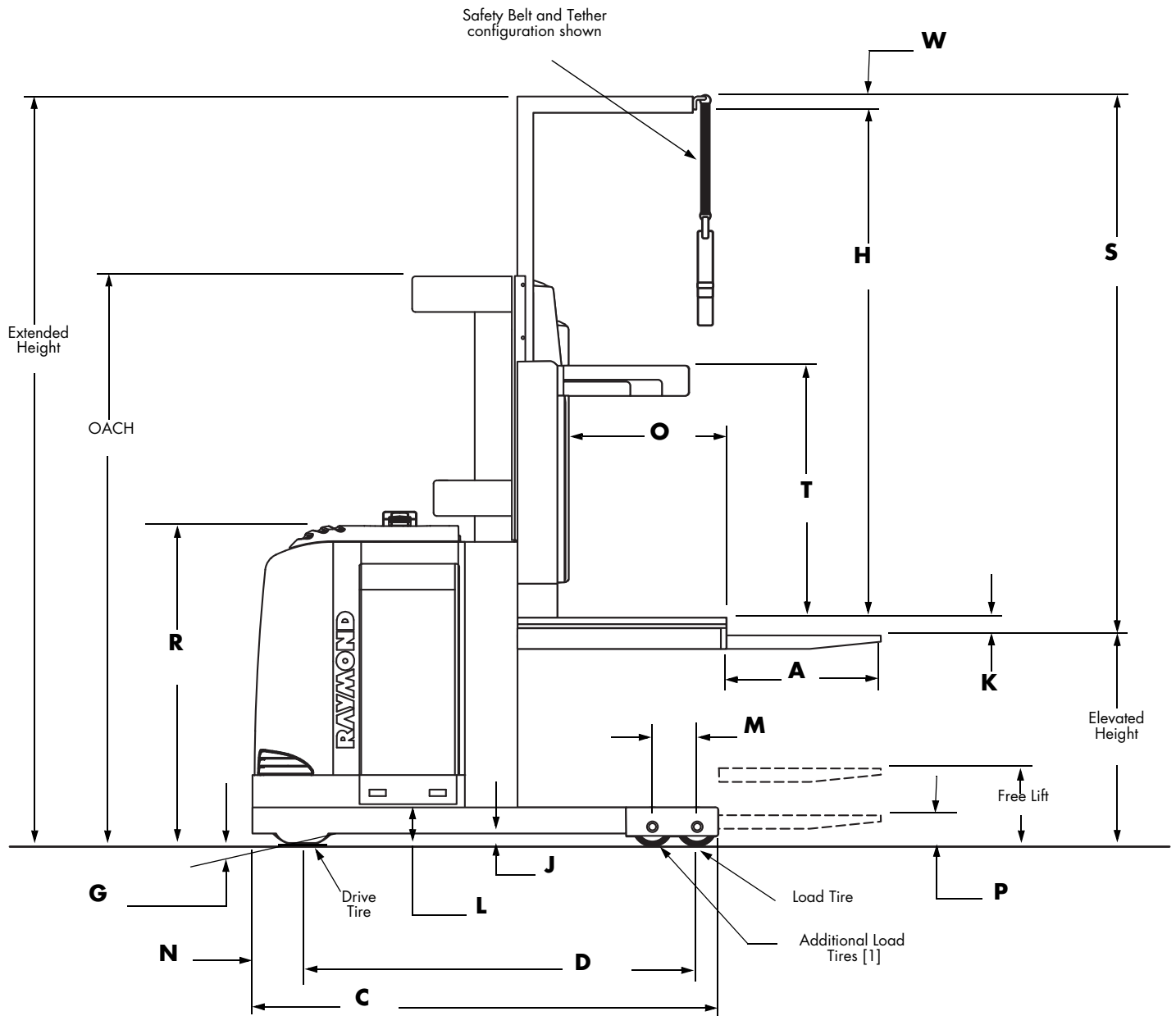
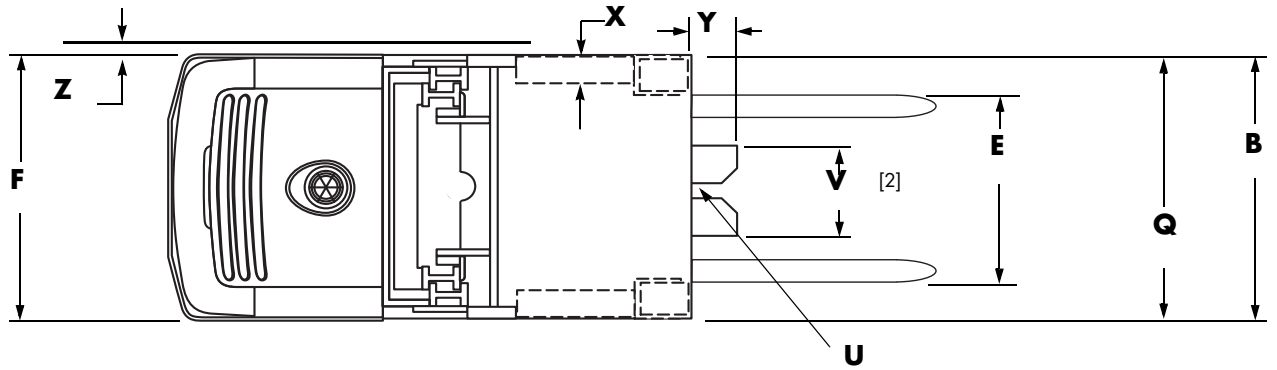
[1] Four load wheels on OPC30TT with fork heights above 241 in. or if ordering Option Code 331 (Hi-Pro) on Model 5400 and standard on Models 5500 and 5600.

[2] The orderpicker is designed for level floor operation only. It is capable of being driven in a fully lowered, unloaded condition on a maximum 100 ft. ramp with a maximum incline of 6%.



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DIAGRAM



Notes:

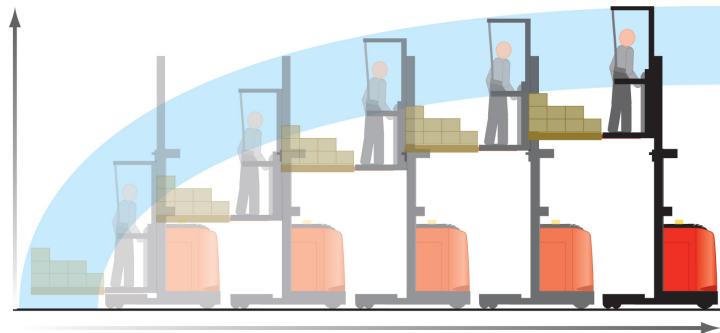
[1] With fork heights above 241 in. (6121 mm) or when ordering Option Code 331 on Model 5400 and standard on Models 5500 and 5600.

[2] The top of the clamp is level with the top fork surface. Clamp thickness is 1.5 in. (38 mm).

TRUCK SPECIFICATIONS 5000 SERIES ORDERPICKER

MAST SPECIFICATIONS					
Model	OACH [1]	Elevated Height [2]	Extended Height [2]	Free Lift	Truck Weight without Battery
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lb. (kg)
5200 OPC30T	88.5 (2248)	123 (3124)	208 (5283)	—	4,650 (2111)
	95 (2413)	137 (3480)	222 (5639)	—	4,680 (2125)
	107 (2718)	161 (4089)	246 (6248)	—	4,730 (2147)
	127 (3226)	201 (5105)	286 (7264)	—	4,814 (2186)
	147 (3734)	241 (6121)	326 (8280)	—	4,898 (2224)
5200 OPC30TT	88.5 (2248)	189 (4800)	274 (6960)	3 (76)	5,270 (2393)
	95 (2413)	210 (5334)	295 (7493)	10 (254)	5,300 (2406)
	107 (2718)	240 (6096)	325 (8255)	22 (559)	5,350 (2430)

Notes:
 [1] Tolerance = ±0.5 in. (±13 mm).
 [2] Tolerance = +2.5/-0.5 in. (+64/-13 mm).



MAST SPECIFICATIONS (CONT'D)					
Model	OACH [1]	Elevated Height [2]	Extended Height [2]	Free Lift	Truck Weight without Battery [3]
	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lb. (kg)
5400/5500/5600 OPC30TT	88 (2235)	189 (4800)	274 (6960)	3 (76)	4780 (2170)
	95 (2413)	210 (5334)	295 (7493)	10 (254)	5065 (2300)
	107 (2718)	240 (6096)	325 (8255)	22 (559)	5615 (2549)
	118 (2997)	273 (6934)	358 (9093)	33 (838)	5910 (2683)
	127 (3226)	300 (7620)	385 (9779)	42 (1067)	6100 (2769)
	132 (3353)	315 (8001)	400 (10,160)	47 (1194)	6235 (2831)
	141 (3581)	330 (8382)	415 (10,541)	56 (1422)	6439 (2923)
	147 (3734)	348 (8839)	433 (10,998)	62 (1575)	6684 (3035)
	153 (3886)	366 (9296)	451 (11,455)	68 (1727)	6930 (3146)
	161 (4089)	390 (9906)	475 (12,065)	76 (1930)	7260 (3293)
	123 (3124)	272 (6909)	358 (9093)	38 (965)	5950 (2699)
	136 (3454)	300 (7620)	385 (9779)	51 (1295)	6275 (2846)
	144 (3658)	315 (8001)	400 (10,160)	59 (1498)	6550 (2971)
	159 (4039)	330 (8382)	415 (10,541)	74 (838)	6750 (3062)
	165 (4191)	348 (8839)	433 (10,998)	80 (2032)	6850 (3107)
	171 (4343)	366 (9296)	451 (11,455)	86 (2184)	7050 (3198)

Notes:
 [1] Tolerance = +/-0.5 in. (+/-13 mm).
 [2] Tolerance = +2.5/-0.5 in. (+64/-13 mm).
 [3] Shipping weight is 10 to 13% greater for crated trucks.

PERFORMANCE SPECIFICATIONS						
Battery Type		Model 5200 24 Volt [2][3]	Model 5400 24 Volt	Model 5400 24 Volt with Hi-Pro	Model 5500 24 Volt with Hi-Pro	Model 5600 36 Volt with Hi-Pro
Travel Speed						
Unloaded/Lowered	mph (km/h)	6.0 (9.66)	6.5 (10.4)	6.5 (10.4)	6.5 (10.4)	6.5 (10.4)
Loaded/Lowered		5.5 (8.8)	6.5 (10.4)	6.5 (10.4)	6.5 (10.4)	6.5 (10.4)
Lift Speed						
Unloaded [1]	fpm (m/s)	40 (0.20)	45 (0.15)	73 (0.37)	82 (0.42)	90 (0.45)
Loaded [1]	fpm (m/s)	32 (0.16)	33 (0.17)	43 (0.22)	43 (0.22)	57 (0.28)
Lower Speed						
Unloaded [1]	fpm (m/s)	70 (0.35)	70 (0.35)	70 (0.35)	70 (0.35)	70 (0.35)
Loaded [1]	fpm (m/s)	84 (0.42)	92 (0.46)	92 (0.46)	92 (0.46)	92 (0.46)
Horsepower						
Rated Horsepower (Drive)			6.3	6.3	6.3	7.0

Notes:
 [1] Maximum speed attainable, after break-in period, varies with truck weight, rolling resistance, mast height, options, and battery condition. If these specifications are critical, consult the factory regarding the proposed application.
 [2] Travel speeds are for tractor-first travel direction.
 [3] Additional speeds available with the Performance Package Option.



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BATTERY SPECIFICATIONS						
Battery		MODEL 5200 24 VOLT	MODEL 5400 24 VOLT	MODEL 5400 24 VOLT WITH HI-PRO	MODEL 5500 24 VOLT WITH HI-PRO	MODEL 5600 36 VOLT
Ampere-hour, Min./Max.		450/1085	450/1085	450/1085	450/1085	600/775
Battery Connector Type		SB-350	SB-350	SB-350	SB-350	SB-350
Battery Connector Color		Red	Red	Red	Red	Gray
Lead Location		Position C	Position C	Position C	Position C	Position C
Lead Length	in. (mm)	18 – 20 (457 – 508)	18 – 20 (457 – 508)	12 (305)	12 (305)	12 (305)
Max. Usable Compartment Size (L x W x H)	in. (mm)	31 x 13 x 30.88 (787 x 330 x 784)	31 x 13 x 30.88 (787 x 330 x 784)	36.38 x 14.12 x 30.88 (924 x 358 x 784)	36.38 x 14.12 x 30.88 (924 x 358 x 784)	38.38 x 13.69 x 30.88 (975 x 340 x 784)
Battery Weight, Maximum	lb. (kg)	2,000 (907)	2,000 (907)	2,000 (907)	2,000 (907)	2,000 (907)
Battery Weight, Minimum	lb. (kg)	920 (418)	920 (418)	920 (418) or 1,600 above 241" El. Ht. (726 above 6121 mm El. Ht.)	920 (418) or 1,600 above 241" El. Ht. (726 above 6121 mm El. Ht.)	1,600 (726)

Optional Larger Battery Compartment					
Battery		MODEL 5200 24 VOLT	MODEL 5600 36 VOLT OPTIONAL WIDTH 16.12 COMPARTMENT	MODEL 5600 36 VOLT OPTIONAL WIDTH 18.12 COMPARTMENT	MODEL 5600 36 VOLT OPTIONAL WIDTH 21.12 COMPARTMENT
Ampere-hour, Min./Max.		450/1085	600/930 [1]	600/1240	600/1240
Battery Connector Type		SB-350	SB-350	SB-350	SB-350
Battery Connector Color		Red	Gray	Gray	Gray
Lead Location		Position C	Position C	Position C	Position C
Lead Length	in. (mm)	12 (305)	12 (305)	12 (305)	12 (305)
Max. Usable Compartment Size (L x W x H)	in. (mm)	36.38 x 14.12 x 30.88 (924 x 358 x 784) [2][3]	38.38 x 16.12 x 30.88 (975 x 409 x 784)	38.38 x 18.12 x 30.88 (975 x 460 x 784)	38.38 x 21.12 x 30.88 (975 x 536 x 784)
Battery Weight, Maximum	lb. (kg)	2,000 (907)	2,300 (1043)	2,600 (1179)	2,900 (1315)
Battery Weight, Minimum	lb. (kg)	1600 (726)	2,000 (907)	2,300 (1043)	2,600 (1179)
Notes:					
[1] Maximum amps 775 with UL Label, Type "E" or UL Label, Type "EE".					
[2] A battery cover is not required with this truck.					
[3] Horizontal motions of battery must not exceed 0.50 in. (12.7 mm). Attach restraint to compartment as required.					

STANDARD EQUIPMENT

24 Volt (Models 5200, 5400 and 5500)
36 Volt (Model 5600 only)
Battery Discharge Indicator with Lift Interrupt
Battery Gates, Adjustable
Battery Rollers, Corrosion Resistant
Brake, Electronic Disc
Built-in Regen Capability
Clipboard
Configure Mode with Password Protection
Deadman Pedal, Large, Round Flush-Mounted
Drive, AC
Drive, DC (Model 5200 only)
Ergonomically Advanced Simultaneous Function
Control Handle with Integral Lift/Lower Control
Fall Protection System: Body Belt or Full Body Harness
and Tether
Floor Mat, Cushioned, Bubble-Style
Hi-Pro (Standard on Model 5400 trucks above 241 in. and
all Model 5500 and Model 5600 trucks)
Hour Meters: Key Hours, Deadman Activated,
Time Spent Lifting, Distance Traveled
Lift, AC Microprocessor-Controller (Models 5500 and
5600 only)
Lift, DC (Models 5200 and 5400 only)
Lift Deceleration Near Full Elevation
(Standard on Model 5400 trucks above 315 in.
and all Model 5500 and Model 5600 trucks)
Maintenance Minder™ Tool (Models 5400, 5500 and 5600)
Mast, Anti-Rattle
Mast Clear-View
Mast, Lowering Deceleration

Mast Speed Variable Lift/Lower
Mast, Spring Suspension System
Mast Staging System
(See Specific Truck Mast Footnotes For Some Exclusions)
Operator's Display (Battery Discharge, Steer Indicator,
Clock Calendar, and Selectable Display)
OSHA and ANSI/ITSDF Compliance
Pallet Clamp (1.25 to 2 in.)
Parking Brake, Automatic Engaging
Pencil Tray, Operator Hand Rest, and Storage
Space for Supplies
Power-up and Run Diagnostics
Programmable Performance
Raymond® Red Finish with Black Mast
Real Time Coded Fault Detection
Regenerative Braking
Separate Lift, Travel, and Steer Motors
Sidegates, Flip-up (Models 5400, 5500 and 5600)
Single Load Wheels (Model 5200 only)
Solid State Limit Switches
Steering, Automatic Centering at Start-Up
Steering Indicator in Operator Compartment
Steering, Electronic Power
Tandem Load Wheels (Std. on 24 volt trucks above 241 in.,
all 36 volt trucks, and all trucks with Hi-Pro option)
Tether Bar Hook-up, Full Length (450 lb. rating)
The ACR System™ (Models 5400, 5500 and 5600)
Thermal Limiting
Tractor Cover, High Impact
UL Type "E" Construction

AVAILABLE OPTIONS

Advanced intellispeed™
Audible Alarms
Fork Lengths – 36" (914 mm), 48" (1219 mm),
84" (2134 mm), 96" (2438 mm), (42" [1067 mm] Std.)
Furniture Straddle Baselegs
Glass Mast Guard
Keyless On/Off
Lift and Lower Limit Switches
Lights

Operator Platforms – 39" (991 mm), 44" (1118 mm),
47" (1194 mm), 51" (1295 mm), 55" (1397 mm),
59" (1499 mm), 63" (1600 mm), 67" (1702 mm),
(39" [991 mm] Std.)
Pallet Clamps for 5" (127 mm) Stringer Width
Power Hook-up/On-Board Terminal
Sidegate Power Disconnect Switch
UL Type "EE" Construction
Wire Guidance

NOTE: Not all options and standard equipment are available for the 5200. Consult with your Raymond authorized Sales and Service Center for additional options which may have application to your operating environment.

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RUN BETTER. MANAGE SMARTER.

At Raymond, our aim is to deliver the utmost quality and to work for continuous improvement every day, in every aspect of our business. We are proud of what we build. We are proud of the level of service we provide to keep our customers' business up and running. We take pride in our commitment to our customers through our end-to-end approach in helping them find smarter, more efficient, and more effective solutions.

We value the trust that Raymond has earned through decades of proven performance and hands-on innovation. Since the patenting of the first hand-pallet truck to the invention of the reach truck to our pioneering work in narrow aisle operations and beyond, Raymond has led the way in providing customers with the tools and expertise to improve their business.

IF YOU'RE LOOKING FOR A PARTNER WITH THE TOOLS AND EXPERIENCE TO HELP YOU RUN BETTER AND MANAGE SMARTER, LET'S TALK.

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