

5000 Series Orderpicker Truck



5000-series

5300

5500

5600

TRUCK SPECIFICATIONS 5300/5500/5600 ORDERPICKER

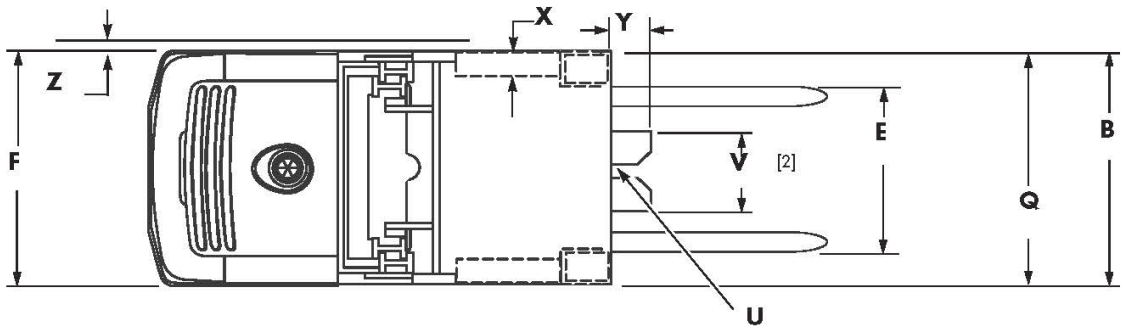
Specifications		In.(mm)	OPC30TT
A	Forks, Bar (Standard) (L x W x T)	In.(mm)	42 x 4 x 1.5 (1067 x 102 x 38)
A	Forks, Lengths (Optional)	In.(mm)	30–96 (762–2438)
B	Baseleg Overall Width (OAW), Standard	In.(mm)	[1]
B	Baseleg Overall Width (OAW), Optional	In.(mm)	[2]
C	Truck Head Length	In.(mm)	74 (1880) [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 OAW	In.(mm)	40 (1016)
G	Grade Clearance	%	13
H	Operator's Comp. Height	In.(mm)	78.1 (1984)
J	Truck Underclearance	In.(mm)	2 (51)
K	Step Height	In.(mm)	7.75 (200)
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)	8.9 (226)
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)	49.4 (1255)
S	Top of Forks to Top of OHG	In.(mm)	85 (2159)
T	Flip-Up Sidegate Height (Standard on 5500/5600, Optional on 5300)	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.

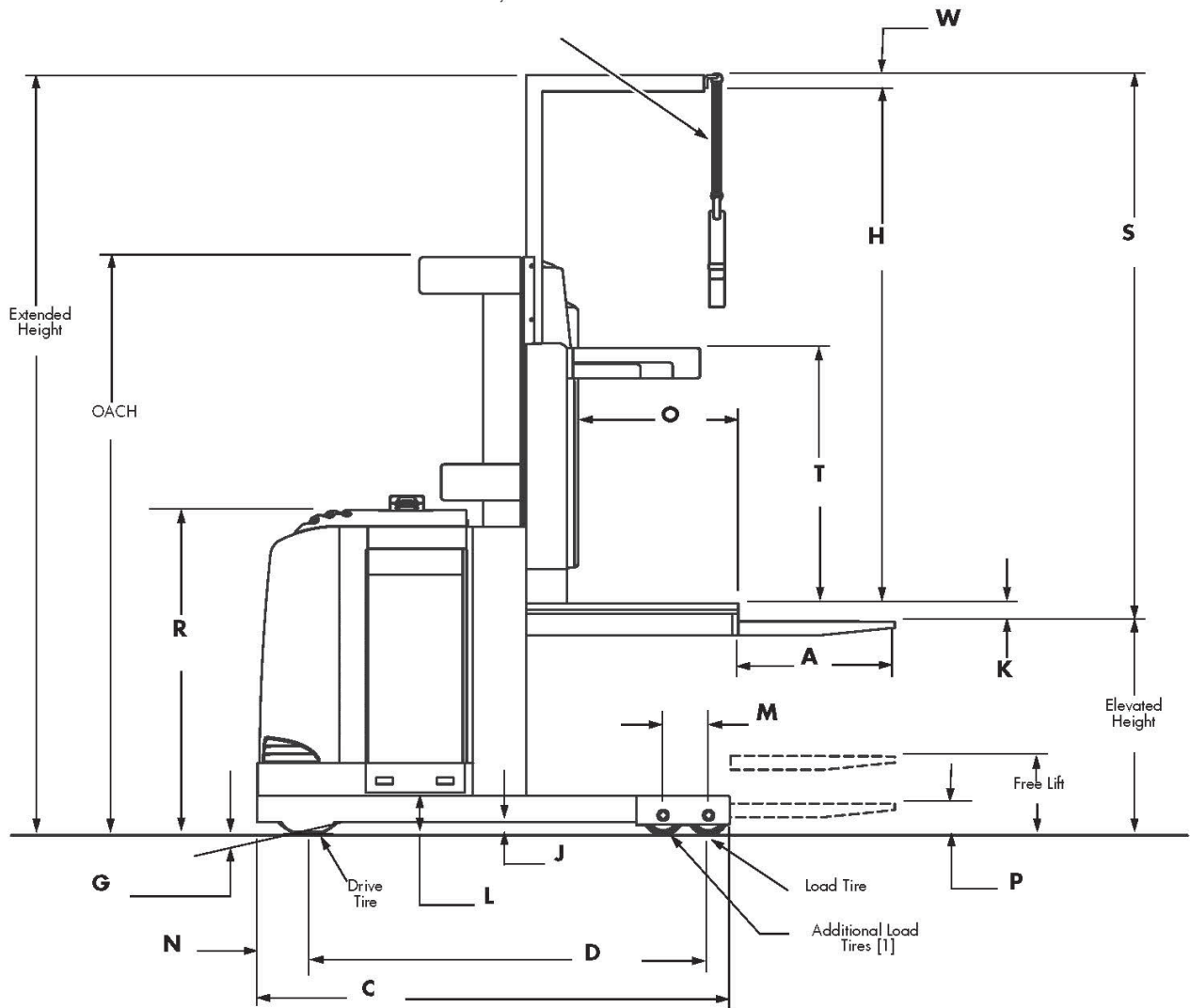
TRUCK SPECIFICATIONS 5300/5500/5600 ORDERPICKER

Model		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, 1 Poly, Dia. x W	In.(mm)	12 x 5 (305 x 127)	
Load Tire, Poly, Dia. x W (2) OPC30TT [1]	In.(mm)	6 x 3.625 (152 x 92)	
Gradability	%	[1]	
Turning Radius	In. (mm)	72 (1829) (Varies by configuration)	
Mast		2-Stage Mast	3-Stage Mast
Maximum Elevated Mast Height - 5300	In. (mm)	241 (6121)	240 (6096)
Maximum Elevated Mast Height - 5500	In. (mm)	-	366 (9296)
Maximum Elevated Mast Height - 5600	In. (mm)	-	390 (9906)

NOTES: [1] Four load wheels on OPC30TT with fork heights above 241 in. 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%.



Full Body Harness and Tether



Notes:

- [1] With fork heights above 241 in. (6121 mm) standard on Models 5500 and 5600.
- [2] The top of the damp is level with the top fork surface. Clamp thickness is 1.5 in. (38 mm).

Mast Specifications	OACH [1]	Elevated Height [2]	Extended Height [2]	Free Lift	Truck Weight without Battery
Model	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lb.(kg)
5300 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)
5300 OPC30TT	88.5 (2248)	189 (4800)	274 (6960)	3 (76)	4,780 (2170)
	95 (2413)	210 (5334)	295 (7493)	10 (254)	5,065 (2300)
	107 (2718)	240 (6096)	325 (8255)	22 (559)	5,615 (2549)
NOTES: [1] Tolerance = ±0.5 in. (±13 mm). [2] Tolerance = +2.5/-0.5 in. (+64/-13 mm).					

Mast Specifications	OACH [1]	Elevated Height [2]	Extended Height [2]	Free Lift	Truck Weight without Battery [3]
Model	in. (mm)	in. (mm)	in. (mm)	in. (mm)	lb.(kg)
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 5300 24 Volt	Model 5500 24 Volt	Model 5600 36 Volt
Travel Speed				
Unloaded/Lowered	mph (km/h)	6.5 (10.4)	6.5 (10.4)	6.5 (10.4)
Loaded/Lowered		6.5 (10.4)	6.5 (10.4)	6.5 (10.4)
Lift Speed				
Unloaded [1]	fpm (m/s)	45 (0.15)	90 (0.46)	115 (0.58)
Loaded [1]	fpm (m/s)	33 (0.17)	57 (0.28)	80 (0.41)
Lower Speed				
Unloaded [1]	fpm (m/s)	70 (0.35)	82 (0.42)	82 (0.42)
Loaded [1]	fpm (m/s)	92 (0.46)	92 (0.46)	92 (0.46)
Horsepower				
Rated Horsepower (Drive)		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 at height available with the Performance Package Option.				

Battery Specifications		MODEL 5300 24 VOLT	MODEL 5500 24 VOLT	MODEL 5600 36 VOLT
Ampere-hour, Min./Max.		450/1085	450/1085	600/775
Battery Connector Type		SB-350	SB-350	SB-350
Battery Connector Color		Red	Red	Gray
Lead Location		Position C	Position C	Position C
Lead Length	In.(mm)	18 – 20 (457 – 508)	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)	31 x 13 x 30.88 (787 x 330 x 784)
Battery Compartment Size (Steel-to-Steel) (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)	31 x 13 x 30.88 (787 x 330 x 784)
Battery Weight, Maximum	lb.(kg)	2,000 (907)	2,000 (907)	2,000 (907)
Battery Weight, Minimum	lb.(kg)	920 (418)	920 (418) or 1,600 above 241" El. Ht. (726 above 6121 mm El. Ht.)	1,600 (726)

Optional Battery Specifications	MODEL 5300 24 VOLT OPTIONAL WIDTH 14.3 COMPARTMENT	MODEL 5600 36 VOLT OPTIONAL WIDTH 16.3 COMPARTMENT	MODEL 5600 36 VOLT OPTIONAL WIDTH 18.3 COMPARTMENT	MODEL 5600 36 VOLT OPTIONAL WIDTH 21.0 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)
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)
Battery Compartment Size (Steel-to-Steel) (L x W x H)	In.(mm)	36.38 x 14.5 x 30.88 (924 x 368 x 784) [2][3]	38.38 x 16.50 x 30.88 (975 x 419 x 784)	38.38 x 18.50 x 30.88 (975 x 470 x 784)
Battery Weight, Maximum	lb.(kg)	2,000 (907)	2,300 (1043)	2,600 (1179)
Battery Weight, Minimum	lb.(kg)	1600 (726)	2,000 (907)	2,600 (1179)

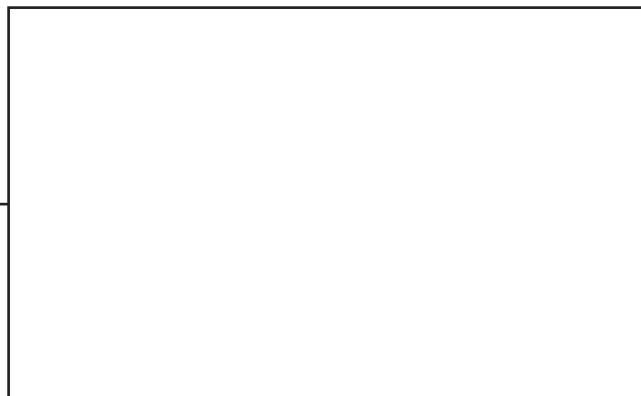
NOTES: [1] Maximum amps 775 with UL Label, Type "E" or UL Label, Type "EE".
[2] A battery cover is not required with this truck.
[3] Horizontal motions of battery must not exceed 0.50 in. (12.7 mm). Attach restraint to compartment as required.

Standard Equipment

- 24 Volt (Models 5300 and 5500)
- 36 Volt (Model 5600 only)
- Battery Discharge Indicator with Lift Interrupt
- Battery Gates, Adjustable
- Battery Rollers, Corrosion Resistant
- Brake, Electronic Disc
- Clipboard (Model 5500 and 5600 only)
- Configure Mode with Password Protection
- Deadman Pedal, Large, Round Flush-Mounted
- Drive, AC
- Ergonomically Advanced Simultaneous Function Control Handle with Integral Lift/Lower Control
- Fall Protection System: Full Body Harness and Tether
- Floor Mat, Cushioned, Bubble-Style
- Hour Meters: Key Hours, Deadman Activated, Time Spent Lifting, Distance Traveled
- Lift, AC Microprocessor-Controller (Model 5500 and 5600 only)
- Lift, DC (Model 5300 only)
- Lift Deceleration Near Full Elevation (All Model 5500 and Model 5600 trucks)
- Maintenance Minder™ Tool
- 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
- Sidegate, Fixed Loop (Model 5300)
- Sidegates, Flip-up (Model 5500 and 5600 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) (Model 5500 and 5600 only)
- Tether Bar Hook-up, Full Length (450 lb. rating)
- The ACR System™
- Thermal Limiting
- Tractor cover, high impact
- UL "E" Type UL Construction
- Warranties, Asset Protection
 - Standard Warranty Coverage
 - Structural Extended Warranty

Available Options

- Advanced intellispeed™ (Models 5500 and 5600)
- 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 (Models 5500 and 5600)
- Wire Guidance



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