

PASSPORT[®] Vertical Platform Lift (VPL) Technical Specifications

STRAIGHT PLATFORM

PL52SP3651 – 52" (w/ Standard Straight Platform)

Weight (Tower/Platform/Net)	: 193 / 174 / 367 lbs.
Tower Height (Overall)	: 76-1/8"
Platform Assembly Height (Max.)	: 97-3/4"
Platform Useable Size	: 50-3/4" x 36"
Lifting Height (Landing-to-Landing)	: 52″
Overall Footprint (Ramp Deployed)	: 75" x 55-7/8"

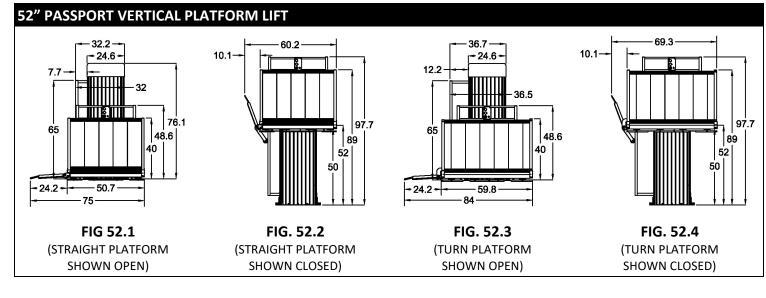
TURN PLATFORM

PL52TP3860 – 52" (w/ Standard Turn Platform)		
Weight (Tower/Platform/Net)	: 193 / 184 / 377 lbs.	
Tower Height (Overall)	: 76-1/8"	
Platform Assembly Height (Max.)	: 97-3/4"	
Platform Useable Size	: 57-3/4" x 37-1/8"	
Lifting Height (Landing-to-Landing)	: 52"	
Overall Footprint (Ramp Deployed)	:84" x 55-7/8"	

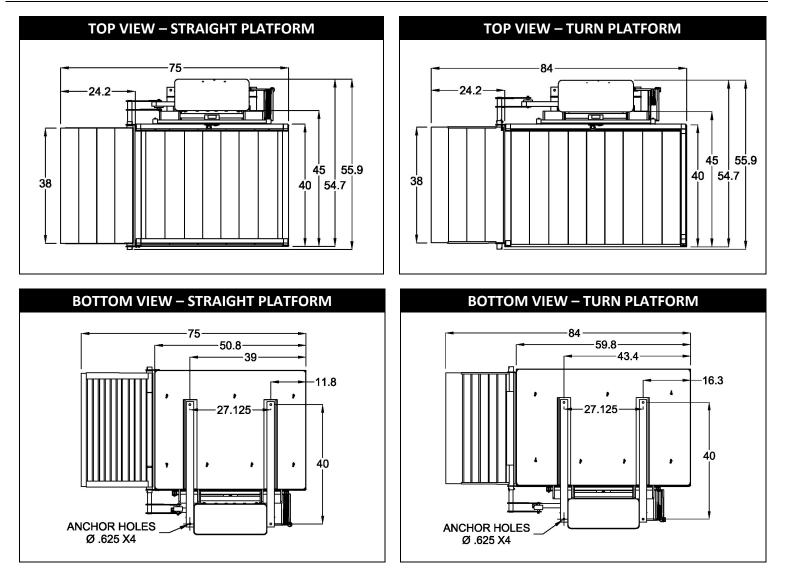
PERFORMANCE STDS: B44.1 / ASME A17.5 Ed.6, ASME 18.1-2017 Ed.7(Sec.5) MAXIMUM RATED LOAD: 750 lbs. Never exceed Maximum Rated Load PLATFORM CAPACITY: Two passengers (one occupant with mobility device, plus one caregiver) DRIVE CIRCUIT ELECTRCAL: 24 VDC supplied by two 12 VDC-12 Ah sealed lead-acid batteries; DRIVE CIRCUIT ELECTRCAL: 24 VDC supplied by two 12 VDC-12 Ah sealed lead-acid batteries; ONTROL CIRCUIT VOLTAGE: 12 VDC AC INPUT: 120 VAC, 6 amps AC POWER CORD LENGTH: 12' PINAR DRIVE: 24 VDC worm drive motor; .58 hp; 28.1 reduction ratic; 95 rpm output speed rating FINAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze nut and bronze safety backup nut FINAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze nut and bronze safety backup nut FINAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze nut and bronze safety backup nut FINAL DRIVE SAFETY CIRCUIT Final limit Switch deactivates drive motor should Upper Limit Switch fail DRIVE GONTROL: 24 VDC reversing relay: 12 VDC control liput; 30-amp and reset circuit breaker BRAKING: 12 VDC; separate, continuous, low pressure large mushroom-head control switches for "UP/OOWN" operation; onboard LED indicator lights, including diagnostis for quick and easy reference; user adjustable contr	CONSTRUCTION & OPERATIONAL	CONSTRUCTION & OPERATIONAL STANDARDS		
PLATFORM CAPACITY: Two passengers (one occupant with mobility device, plus one caregiver) DRIVE CIRCUIT ELECTRICAL: 24 VDC supplied by two 12 VDC-12 Ah sealed lead-acid batteries; DRIVE CIRCUIT BATTERY CHARGER: Onboard 2-amp smart charger CONTROL CIRCUIT VOLTAGE: 12 VDC AC POWER CORD LINGTH: 12' PRIMARY DRIVE: 12 VDC worm drive motor; .58 hp; 28:1 reduction ratio; 96 rpm output speed rating FINAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze safety backup nut INAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze mut and bronze safety backup nut INAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze mut and bronze safety backup nut INAL DRIVE: 1'' diameter Hi-lead* drive screw with bronze mut and bronze safety backup nut INAL DRIVE SAFETY CIRCUIT Final Limit Switch deactivates drive motor should Upper Limit Switch fail DRIVE MOTOR CONTROL: 24 VDC reversing relay: 12 VDC control input; 30-amp auto reset circuit breaker BRAKING: Worm drive gear motor 12 VDC; separate, continuous, low pressure large mushroom-head control switches for "UP/DOWN" operation; onboard LED indicator lights, including diagnostics for quick and easy reference; user adjustable control box; keyed operation EMERGENCY STOP: Red, sealed, 1.5'' diameter mushroom-head, push button <th>PERFORMANCE STDS:</th> <th>B44.1 / ASME A17.5 Ed.6, ASME 18.1-2017 Ed.7(Sec 5)</th>	PERFORMANCE STDS:	B44.1 / ASME A17.5 Ed.6, ASME 18.1-2017 Ed.7(Sec 5)		
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PLATFORM CONSTRUCTION: filler panels filler panels Formed aluminum safety pan with obstruction detection circuit, designed to stop lift upon contact with an obstacle under platform; takes less than 15 lbs. of pressure to activate safety pan obstruction detection circuit GUARD RAMP: Self-actuating; 24" EMERGENCY LOWERING: Manual hand-crank UPPER AND LOWER LIMIT SWITCHES: Upper/lower and primary/secondary limit switch trigger locations are adjustable via movable WEIGHT OF TOP LANDING GATE: 50 lbs. CONCRETE PAD ATTACHMENT: Anchor-ready 6000 Series Aluminum legs MOUNTING SURFACE: A level (F _F 30-35, F _L 20-25), ≥ 3,500 psi reinforced concrete pad with a 4" minimum thickness DRIVE SCREW LUBRICATION: DUPONT™ White Lithium Grease w/TEFLON® Fluoropolymer Aerosol (or equivalent)	CARRIAGE CONSTRUCTION:	Welded aluminum; 1.9" MDS nylon 6/6 rollers; UHMW rub strip way guides		
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MOUNTING SURFACE:A level (F_F 30-35, F_L 20-25), \geq 3,500 psi reinforced concrete pad with a 4" minimum thicknessDRIVE SCREW LUBRICATION:DUPONT TM White Lithium Grease w/TEFLON* Fluoropolymer Aerosol (or equivalent)	WEIGHT OF TOP LANDING GATE:	50 lbs.		
DRIVE SCREW LUBRICATION: DUPONT [™] White Lithium Grease w/TEFLON [®] Fluoropolymer Aerosol (or equivalent)	CONCRETE PAD ATTACHMENT:	Anchor-ready 6000 Series Aluminum legs		
DRIVE SCREW LUBRICATION: DUPONT [™] White Lithium Grease w/TEFLON [®] Fluoropolymer Aerosol (or equivalent)	MOUNTING SURFACE:	A level (F _F 30-35, F _L 20-25), \geq 3,500 psi reinforced concrete pad with a 4" minimum thickness		
	DRIVE SCREW LUBRICATION:	DUPONT [™] White Lithium Grease w/TEFLON [®] Fluoropolymer Aerosol (or equivalent)		
	WARRANTY:	2-Year Limited (visit www.ezaccess.com for complete warranty details)		

Weights and dimensions are approximate and subject to change. Installing contractor to verify dimensional information prior to installation.

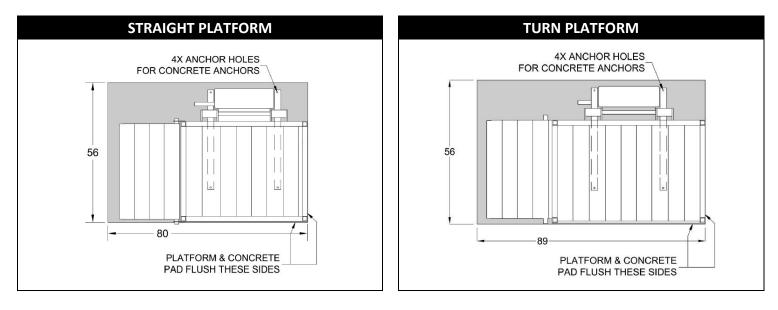
ELEVATION VIEW DIMENSIONS



PLATFORM DIMENSIONS (TOP & BOTTOM VIEW)

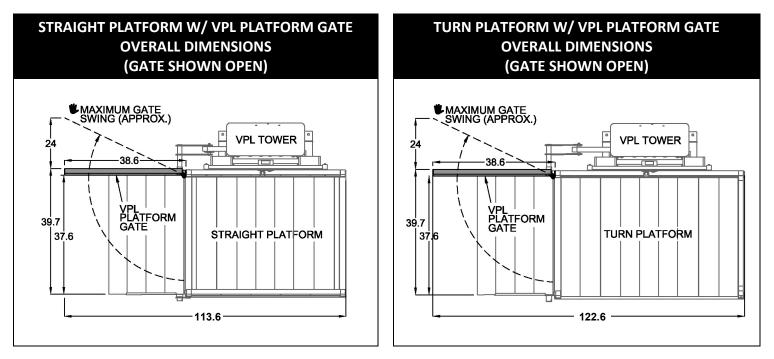


♥ Turn platform dimensions can be used universally for straight or turn.



PLATFORM GATE DIMENSIONS

- A PLATFORM GATE DOES NOT LATCH (GATE HINGES ARE SPRING LOADED).
- ENSURE MAXIMUM GATE SWING IS CONSIDERED DURING INSTALLATION AND USAGE EVALUATIONS. GATE SWING SHOWN BELOW IS APPROXIMATE; INSTALLING CONTRACTOR TO FIELD-VERIFY GATE SWING DIMENSIONS.



TOP LANDING GATE DIMENSIONS

