

PRODUCT SPECIFICATIONS SHEET

Model: Highlander II VPL400-VPL1400

Document Information: 13/09/19 PN: MKT-000126 Rev A

Vertical Platform Lift

Maximum Capacity ¹	750 lb (340.2 kg)
Maximum Lifting Height	VPL400: 53" (134.6 cm) VPL600: 77" (195.6 cm) VPL800: 101" (256.5 cm) VPL1000: 125" (317.5 cm) VPL1200: 149" (378.5 cm) VPL1400: 171" (434.3 cm)
Power Source ¹	¾ hp 90V Fully Sealed DC Motor
Motor Speed ¹	4,160 RPM
Motor Rating ¹	Intermittent Duty, Class H
Gear Reduction ¹	Gearbox at 26:1
Maximum Duty Cycle (trips/hr)	VPL400: 30 VPL600: 20 VPL800: 15 VPL1000: 12 VPL1200: 10 VPL1400: 8
Required Power ¹	115V AC
Motor Brake ¹	Electric and Mechanical Holding
Optional Battery Backup ¹	Integrated Uninterruptable Power Supply (UPS)
UPS Option, Minimum Battery Capacity	VPL400-VPL600: 2, 12 AH batteries VPL800-VPL1000: 4, 12 AH batteries VPL1200-VPL1400: 2, 35 AH batteries
Drive System ¹	1" diameter ACME Screw
Overspeed Brake ¹	Yes
Lift Speed ¹	10 FPM (Feet per Minute)
Standard Platform Size (Inside)	VPL400-VPL600: 36" W x 48" L x 36" H (91.4 x 122 x 91.4 cm) VPL800-VPL1400: 36" W x 54" L x 42" H (91.4 x 137.2 x 106.7 cm)
Footprint	VPL400-VPL600: 52" x 50" (132.1 x 127 cm) VPL800-VPL1400: 52" x 56" (132.1 x 142.2 cm)
Footprint with Ramp	VPL400-VPL600: 52" x 70" (132.1 x 178 cm) VPL800-VPL1400: 52" x 76" (cm)
Tower Height	VPL400: 72" (183 cm) VPL600: 101" (256.5 cm) VPL800: 125" (317.5 cm) VPL1000: 149" (378.5 cm) VPL1200: 173" (439.4 cm) VPL1400: 197" (500.4 cm)
Finish ¹	SealKor Exterior Grade Powder Coat

¹ Applies to all models.

NOTE: All specifications subject to change without notice.



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Controls ¹	4" x 5.13" (10.2 x 13 cm) Constant Pressure, Paddle
Safety Features ¹	<ul style="list-style-type: none">• Designed to meet or exceed requirements of ASME 18.1-2017, Section 2 or 5-Vertical Platform Lifts• Safety Pan Beneath Platform• 4-LED Indicators in Top Cap• Emergency Stop Button in Platform• Overspeed Brake• Overload Protection• Interlocks for doors/gates• Manual Lowering Tool
Commercial Applications Include ¹	<ul style="list-style-type: none">• Continuous Handrail in Platform• Lighted E-Stop & Alarm• 42" (106.7 cm) Height Guard Panels
Option(s)	<ul style="list-style-type: none">• Continuous Handrail in Platform• Key Lock in Platform• 3-Stop with 3-Button Control Panel• Lighted E-Stop & Alarm• Platform Gate
Ramp Option(s)	<ul style="list-style-type: none">• Auto Fold: 36" (91.4 cm) or 42" (106.7 cm) width (Residential only)• Fixed: 36" (91.4 cm) or 42" (106.7 cm) width
Warranty ¹	3-Year Limited 1-Year Battery

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