

## Main function

The Smart Vertical Lift Module (VLM) from PassionIOT is an advanced storage system designed to maximize space efficiency and enhance productivity in a range of industries. With vertically arranged trays and a modular design, it adapts to changing storage needs. The system uses smart technology to automatically scan and position trays, optimizing space utilization. It also supports multiple access points across floors, improving workflow integration.



## GA SERIES:

GA SERIES PRODUCT PARAMETERS	
Min. VLM Height	3500 mm
Max. VLM Height	10000 mm
Max. Load Capacity	60000 kg
Height Increment	100 mm
Pallet Spacing	125-800 mm
Double-Pallet Spacing	125-350 mm
Adjustable Pallet Spacing	25 mm

MODEL	PALLET LOAD CAPACITY (kg)	PALLET DEPTH (mm)	PALLET WIDTH (mm)	PALLET EDGE HEIGHT (mm)			EQUIPMENT DIMENSION S W × H (mm)	EQUIPMENT DIMENSIONS (WITH EXT. MECH.) W × D (mm)
				50	70	120		
GA350M	350	663	2000	✓	✓	✓	2454 × 2530	2454 × 3530
GA350L	350	853		✓	✓	✓	2454 × 3100	2454 × 4100
GA350X	350	1265				✓	2454 × 4336	2454 × 5336
GA500M	500	663			✓	✓	2454 × 2530	2454 × 3530
GA500L	500	853			✓	✓	2454 × 3100	2454 × 4100
GA500X	500	1265				✓	2454 × 4336	2454 × 5336
GA950M	950	663			✓	✓	2454 × 2530	2454 × 3530
GA950L	950	853			✓	✓	2454 × 3100	2454 × 4100
GA950X	950	1265				✓	2454 × 4336	2454 × 5336

## GC SERIES:

GC SERIES PRODUCT PARAMETERS	
Min. VLM Height	3500 mm
Max. VLM Height	12000 mm
Max. Load Capacity	60000 kg
Height Increment	100 mm
Pallet Spacing	125-800 mm
Double-Pallet Spacing	125-350 mm
Adjustable Pallet Spacing	25 mm

MODEL	PALLET LOAD CAPACITY (kg)	PALLET DEPTH (mm)	PALLET WIDTH (mm)	PALLET EDGE HEIGHT (mm)			EQUIPMENT DIMENSIONS W × H (mm)	EQUIPMENT DIMENSIONS (WITH EXT. MECH.) W × D (mm)
				50	70	120		
GC350M	350	663	3050	✓	✓	✓	3504 × 2530	3504 × 3530
GC350L	350	853		✓	✓	✓	3504 × 3100	3504 × 4100
GC350X	350	1265				✓	3504 × 4336	3504 × 5336
GC500M	500	663			✓	✓	3504 × 2530	3504 × 3530
GC500L	500	853			✓	✓	3504 × 3100	3504 × 4100
GC500X	500	1265				✓	3504 × 4336	3504 × 5336
GC950M	950	663				✓	3504 × 2530	3504 × 3530
GC950L	950	853				✓	3504 × 3100	3504 × 4100
GC950X	950	1265				✓	3504 × 4336	3504 × 5336

## GE SERIES:

### GE SERIES PRODUCT PARAMETERS

Min. VLM Height	3500 mm
Max. VLM Height	14000 mm
Max. Load Capacity	60000 kg
Height Increment	100 mm
Pallet Spacing	125-800 mm
Double-Pallet Spacing	125-350 mm
Adjustable Pallet Spacing	25 mm

MODEL	PALLET LOAD CAPACITY (kg)	PALLET DEPTH (mm)	PALLET WIDTH (mm)	PALLET EDGE HEIGHT (mm)			EQUIPMENT DIMENSIONS W × H (mm)	EQUIPMENT DIMENSIONS (WITH EXT. MECH.) W × D (mm)
				50	70	120		
GE350M	350	663	3500	✓	✓	✓	3954 × 2530	3954 × 3530
GE350L	350	853		✓	✓	✓	3954 × 3100	3954 × 4100
GE350X	350	1265				✓	3954 × 4336	3954 × 5336
GE500M	500	663			✓	✓	3954 × 2530	3954 × 3530
GE500L	500	853			✓	✓	3954 × 3100	3954 × 4100
GE500X	500	1265				✓	3954 × 4336	3954 × 5336
GE950M	950	663				✓	3954 × 2530	3954 × 3530
GE950L	950	853				✓	3954 × 3100	3954 × 4100
GE950X	950	1265				✓	3954 × 4336	3954 × 5336

## GS SERIES:

GS SERIES PRODUCT PARAMETERS	
Min. VLM Height	3500 mm
Max. VLM Height	16000 mm
Max. Load Capacity	80000 kg
Height Increment	100 mm
Pallet Spacing	125-800 mm
Double-Pallet Spacing	125-350 mm
Adjustable Pallet Spacing	25 mm

MODEL	PALLET LOAD CAPACITY (kg)	PALLET DEPTH (mm)	PALLET WIDTH (mm)	PALLET EDGE HEIGHT (mm)			EQUIPMENT DIMENSIONS W × H (mm)	EQUIPMENT DIMENSIONS (WITH EXT. MECH.) W × D (mm)
				50	70	120		
GS350M	350	663	4100	✓	✓	✓	4554 × 2530	4554 × 3530
GS350L	350	853		✓	✓	✓	4554 × 3100	4554 × 4100
GS350X	350	1265				✓	4554 × 4336	4554 × 5336
GS500M	500	663				✓	4554 × 2530	4554 × 3530
GS500L	500	853				✓	4554 × 3100	4554 × 4100
GS500X	500	1265				✓	4554 × 4336	4554 × 5336
GS950M	950	663				✓	4554 × 2530	4554 × 3530
GS950L	950	853				✓	4554 × 3100	4554 × 4100
GS950X	950	1265				✓	4554 × 4336	4554 × 5336