FS-MandyGo220C-DDS /-RCS



Double & single deck server lifter

The FS-MandyGo220B series with two deck configurations — precise lifting, installation and positioning of servers, GPUs, racks & battery packs in cleanroom environments, operated by a single person.

DDS double deck RCS single deck Class 1000 cleanroom ESD protection

Series **FS-MandyGo220B-DDS / -RCS**

2520 mm · Max. stroke · 125 mm/s · Protection rating

Design & highlights

QXP **Quick-exchange battery pack** — lithium battery 24V20AH x2, swapped in seconds with no downtime.

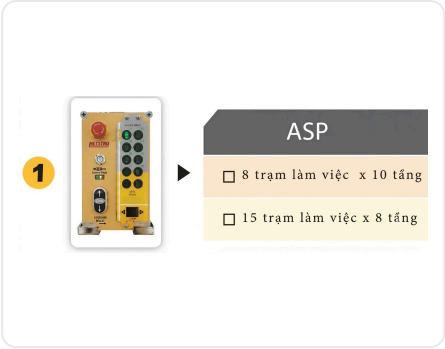
ASP **Advanced sensor positioning** — choice of 15 stations × 8 levels or 8 stations × 10 levels, programmable & position memory lock.

DRIVE **Electric self-propelled** — forward 0–3 km/h, reverse 0–1.5 km/h; smooth start, stop and deceleration.

ESD **Cleanroom & ESD** — meets Class 1000; easy-rolling, wear-resistant, non-shedding materials.



FS-MandyGo220B – Product Image 1



FS-MandyGo220B – Product Image 2



FS-MandyGo220B – Product Image 3

Two deck versions

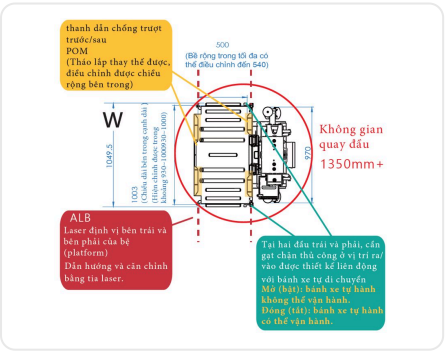
FS-MandyGo220B-DDS · Double deck

- Lower deck (Rb): 360 – 1980 mm
- Upper deck (Rt): 900 – 2520 mm
- To be used with a cart / work table
- Gap between decks = 420 mm → lower deck suits items H ≤ 420 mm / 9U
- Net weight 300 kg / 660 lbs

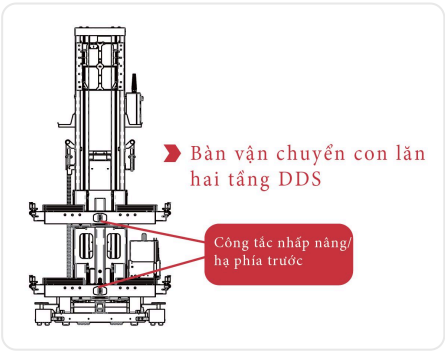
FS-MandyGo220B-RCS · Single deck

- Lifting stroke: 300 – 1920 mm
- Adjustable to rack requirements
- Compact configuration, single working deck
- Net weight 250 kg / 550 lbs

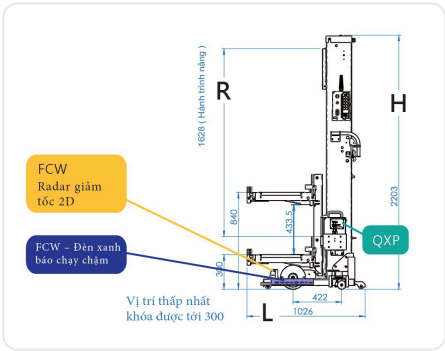
Dimensions



Front view



FS-MandyGo220B Side Drawing (1)



Side view

Main dimensions (unit: mm) — refer to FULLSHARP technical drawings.

Overall dimensions (L × W × H)	1026 × 1050/970 × 2203
Main mast height (H)	2203
DDS lifting stroke — lower deck (Rb)	360 – 1980
DDS lifting stroke — upper deck (Rt)	900 – 2520

RCS lifting stroke (R)	300 – 1920

Specifications

Specification	FS-MandyGo220B-DDS Double deck	FS-MandyGo220B-RCS Single deck
Overall dimensions	L1026 × W1050/970 × H2203 mm	
Lifting stroke (R) mm	Lower deck (Rb): **360 – 1980 mm** Upper deck (Rt): **900 – 2520 mm** * To be used with a cart / work table. Gap between decks = 420 mm → lower deck suits items H ≤ 420 mm / 9U	300 – 1920 mm * Adjustable to rack requirements
Main mast height (H) mm	2203 mm	
Lifting capacity	200 kg * Combined weight on lower + upper deck	200 kg
Net weight	300 kg / 660 lbs	250 kg / 550 lbs
Lifting speed	125 mm/s, soft start & stop	
IP rating	IP41	
Battery	QXP quick-exchange battery pack — lithium battery DC24V20AH × 2 * The lithium battery version is distributed in the Taiwan market only	
Charging voltage	100 – 220V AC, 50/60 Hz	
Material	304 stainless steel + aluminum	
Control panel	Push-button control panel — bilingual Traditional Chinese / English with icons: Power switch Battery level indicator / LED status light Manual up/down confirm button ASP advanced sensor positioning system — lift lock / automatic sensor counting of positioning points (choose one): 15 stations × 8 levels or 8 stations × 10 levels EMS emergency stop button	
Travel speed	Forward 0 – 3 km/h · Reverse 0 – 1.5 km/h * Smooth start, stop and deceleration while traveling	
Cleanroom technology	Meets Class 1000 cleanroom requirements Durable, easy-rolling, wear-resistant, non-shedding materials Electrostatic discharge (ESD) protection	

Applications

Server Rack GPU Chassis Battery packs Test equipment

Product codes: FS-MandyGo220B-DDS (double deck) / FS-MandyGo220B-RCS (single deck). Specifications are subject to change without notice. The lithium battery configuration is distributed in the Taiwan market only.

Contact us for consultation and a quotation

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Specifications may vary with the ordered configuration. Please contact FullSharp for exact details.