FS-WilsonX190A-SCA3



Lifting equipment for server · rack · GPU FS-WilsonX190A-SCA3

The FS-WilsonX190A-SCA3 series comes in two power versions — lift, install and precisely position servers, racks, GPUs and chassis in cleanroom environments; motorized lifting, multi-joint swivel crane arm, safe one-person operation.

FS-WilsonX190A-SCA3 · Built-in battery FS-WilsonX190A-SCA3-AC · Mains powered Cleanroom Electropolished SUS304

Series **FS-WilsonX190A-SCA3 / FS-WilsonX190A-SCA3-AC**

200 kg · 125 mm/s · Protection rating

Design & highlights

LIFT **Electric lifting** — motorized lift at 125 mm/s with soft start & stop; ACS sensor prevents collisions when lowering.

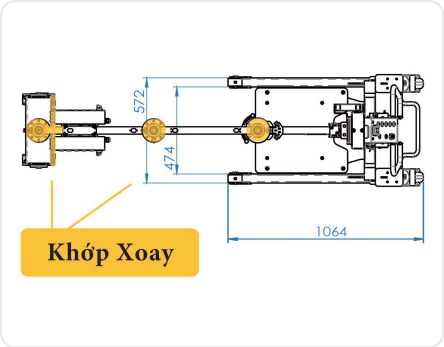
ARM **Multi-joint arm** — multi-joint swivel crane arm plus a manual hook-n-lift arm designed specifically for GPUs; LED indicator shows the hook arm position.

ASP **ASP auto positioning** — Advanced Sensor Positioning system, programmable auto run (up/down) with 3 workstations × 5 height levels for fast, accurate positioning.

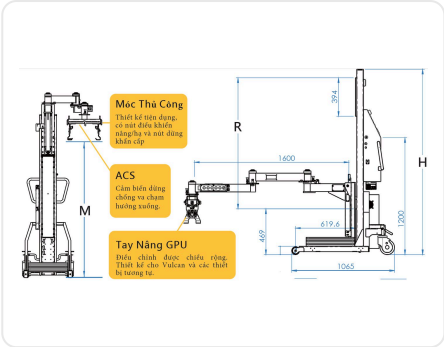
CLEAN **Cleanroom** — electropolished SUS304 stainless steel body, ideal for cleanroom applications.



FS-WilsonX190A-SCA3 – Product Image 1



FS-WilsonX190A-SCA3 – Product Image 2



FS-WilsonX190A-SCA3 – Product Image 3

Two Power Versions

FS-WilsonX190A-SCA3 · Built-in battery

- Built-in VRLA battery DC24V20Ah
- Charging voltage: 100 – 240VAC, 50/60Hz
- Moves freely with no power cable in the way
- Lifting capacity 200 kg · GPU ≤ 60 kg

FS-WilsonX190A-SCA3-AC · Mains powered

- Direct mains-powered version (no battery)
- Power supply: 100 – 240VAC, 50/60Hz
- Suited to fixed locations with a power outlet
- Lifting capacity 200 kg · GPU ≤ 60 kg

Dimensions

Main height specifications (unit: mm) — refer to the FULLSHARP technical drawing.

Lifting stroke (R)	1350
Main column height (H)	1900 (reinforced linear guides)
Hook height (M)	900 – 1700 (for GPU)

Technical Specifications

Specification	FS-WilsonX190A-SCA3 Built-in battery version	FS-WilsonX190A-SCA3-AC Mains-powered version
Lifting stroke (R) mm	1350 mm	
Main column height (H) mm	1900 mm * Reinforced linear guides	
Hook height (H/M) mm	900 – 1700 mm (GPU)	
Lifting capacity	200 kg · GPU ≤ 60 kg	
Lifting speed	125 mm/s · soft start & stop * Enhanced safety with ACS sensor (anti-collision when lowering)	

Specification	FS-WilsonX190A-SCA3 Built-in battery version	FS-WilsonX190A-SCA3-AC Mains-powered version
IP rating	IP41	
Battery	Built-in VRLA battery DC24V20Ah	Mains-powered version (no battery)
Charging voltage	Input 100 – 240VAC, 50/60Hz	—
Power supply	—	Input 100 – 240VAC, 50/60Hz
Material	SUS304 stainless steel, electropolished — ideal for cleanroom applications	
Easy operation	Motorized lifting Multi-joint swivel crane arm Manual hook-n-lift arm custom-made for GPUs LED indicator for hook arm position	
Auto Run	ASP system — Advanced Sensor Positioning Programmable auto run (up/down) with 3 workstations × 5 height levels Positions the lifting arm height quickly and accurately	

Applications

Server Rack GPU Chassis Cleanroom Test equipment

Product codes: FS-WilsonX190A-SCA3 (built-in VRLA battery DC24V20Ah) / FS-WilsonX190A-SCA3-AC (direct mains power, no battery). Specifications are subject to change without notice.

Contact us for consultation and a quotation

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