

FS-D2C Servo Chain Hoist 125kg-5000kg



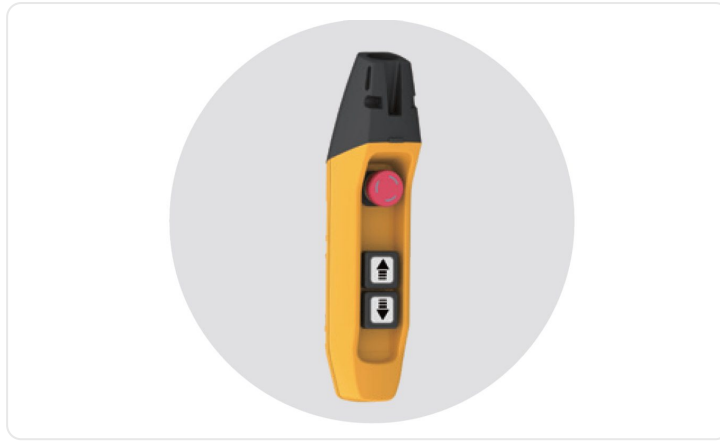
SERVO CHAIN HOIST

FS-D2C Series

PRODUCT DESCRIPTION

The FS-D2C servo chain hoist features an aluminum housing that is lightweight yet rugged, with a low headroom design. It combines a servo drive controller with a dedicated servo motor to get the most out of the hoist's lifting characteristics. The directly coupled motor shaft ensures stable, slip-free lifting and lowering. Overload protection based on motor control technology keeps the system safe and reliable. The lifting/lowering speed range is wide and precise, with a minimum speed of 0.05 m/min.

Complete built-in protection functions, fast response, safe and reliable operation – especially suited to workstations that require high-precision assembly.



Standard Stepless Variable-Speed Control Handle

The standard stepless variable-speed pendant shown in the picture is standard. A 2-button version is available as a custom design on customer request.

PRODUCT FEATURES

- Purpose-built servo controller paired with a dedicated servo motor for precise, stable control;
- Smooth, ultra-quiet operation; soft start and stop minimize body sway and vibration;
- Adjustable speed range with stepless speed control and a minimum speed of 0.05 m/min – for more accurate positioning and less impact on the load;
- Multiple safety protections: over-travel protection, overload protection, power-loss protection, and more;
- Real-time speed display and clear error codes for fast, efficient troubleshooting;
- Electronic dual braking system – brake pads need no replacement for years, and daily maintenance is simple;
- Built-in remote control function allows synchronized operation of the hoist, trolley, and crane bridge.

FS-E2 stepless pendant: Four speed steps; the maximum speed of each step can be set according to the customer's actual production needs. Speed is displayed in real time. The highly sensitive flat-press control is especially suited to precise control in the ultra-low speed range.

SPECIFICATIONS

MODEL ITEM	FS-D2C012-E2	FS-D2C025-E2	FS-D2C050-E2	FS-D2C100-E2	FS-D2C200-E2	FS-D2C160-E2	FS-D2C200-E2-01	FS-D2C250-E2	FS-D2C320-E2	FS-D2C500-E2
Rated load (kg)	125	250	500	1000	2000 (Double chain)	1600	2000	2500	3200 (Double chain)	5000 (Double chain)
Lifting speed (m/min)	0~16	0~16	0~12	0~8	0~4	0~12	0~12	0~10	0~6	0~6
Rated power (kW)	0.75	0.75	1.1	2.2	2.2	5.5	5.5	5.5	5.5	5.5
Standard lift (m)	3 (Customizable)									
Control mode	Wired Pendant / Wireless Remote Control									
Chain size (mm)	5.0	5.0	5.0	7.1	7.1	9.0	11.2	11.2	9.0	11.2
Power supply	Standard 380V (220V optional)									
Mechanism duty class	3m/M6	3m/M6	3m/M6	2m/M5	2m/M5	2m/M5	2m/M5	2m/M5	2m/M5	2m/M5
Operating temperature (°C)	-10°C ~ 55°C									

Note: Product speed is adjustable. The above specifications are for model selection reference only; the nameplate supplied with the unit shall prevail.

Contact us for consultation and a quotation

Vietnam factory: Workshop A1-1, VSIP Hai Phong, Nam Trieu Ward, Hai Phong City · +84 817 888 198

Taiwan factory: Zhongli District, Taoyuan City · +886 3-451-8806

Email: sales@fullsharp.com.vn · **Website:** www.fullsharp.com

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