

EDY Servo Press Systems

English selection guide

Servo presses coordinate force, displacement, speed, and judgment logic for press-fit operations. Define the pressing task and tooling together with the machine data.

HTROBOT

Based in Tianjin, HTROBOT works with customers on industrial linear motion and multi-axis automation. Our range brings together linear modules, guides, ball screws, actuators and XYZ stages.

We support engineering-drawing and application discussions to clarify dimensions, mounting and the motion arrangement. Share the target travel, load, speed and operating environment, together with any existing drawings or reference images.

SELECTION NOTES

- Set pressing force, working position, approach speed, pressing speed, return speed, and holding time together.
- Tooling, workpiece support, guarding, and the controller are part of the machine proposal.
- The model sheet lists the catalog values. A force curve for one configuration needs an application review.

MODEL RANGE

Model	Maximum pressure	Travel	Positioning
EDY-C1	5000 N	500 mm	0.01 mm
EDY-C2	100000 N	500 mm	0.02 mm
EDY-F1	5000 N	500 mm	0.01 mm
EDY-F2	100000 N	500 mm	0.02 mm

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EDY-C1

Servo Presses

PRODUCT

A servo press for force- and displacement-controlled assembly.

TECHNICAL SPECIFICATIONS

Downward speed	1-100 mm/s
Maximum pressure	5000 N
Motor power	400W-1KW
Travel stroke	500 mm
Positioning accuracy	0.01 mm
Pressing speed	0-50 mm/s
Pressure accuracy	0.5%
Pressure holding time	0-300 s
Upward speed	1-150 mm/s
Supply voltage	220V

SELECTION

- Keep the pressing force within the stated maximum pressure.
- Set downward, pressing, and upward speeds for the real stroke.
- Check positioning accuracy, pressure accuracy, and holding time against the process.
- Confirm motor power and supply voltage at the installation.

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Product illustration

EDY-C2

Servo Presses

PRODUCT

A servo press for force- and displacement-controlled assembly.

TECHNICAL SPECIFICATIONS

Downward speed	1-100 mm/s
Maximum pressure	100000 N
Motor power	$\geq 1.5\text{KW}$
Travel stroke	500 mm
Positioning accuracy	0.02 mm
Pressing speed	0-50 mm/s
Pressure accuracy	0.5%
Pressure holding time	0-300 s
Upward speed	1-150 mm/s
Supply voltage	220V-380V

SELECTION

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Product illustration

EDY-F1

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EDY-F2

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