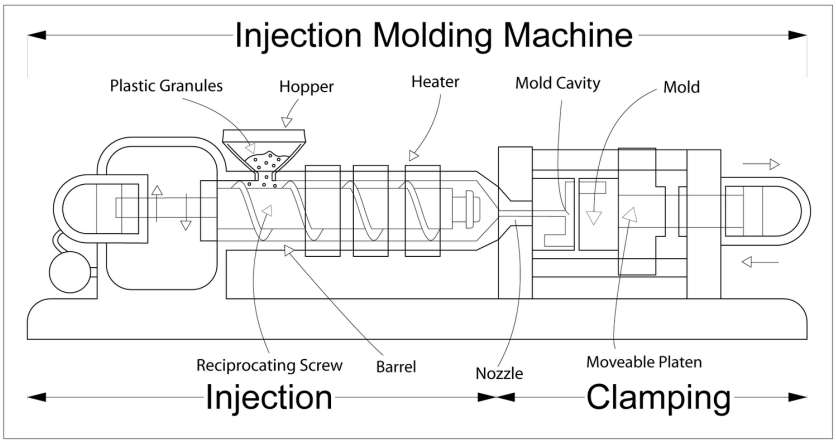
SANYO DENKI

SANMOTION

Smooth Efficient Multi-axis Servo-driven Motion

REDUCE HYDRAULIC LOSS WITH LARGE CAPACITY SERVO MOTORS

Full-electric IMM's four main axes: Charge, Injection, Clamp movement, (metering/plasticating) Ejection driven by servo motors



SERVO MOTOR LINEUP FOR IMM APPLICATION

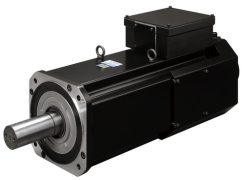
R2 Servo Motor: Medium inertia

Ideal for robots, injection molding machine, and general industrial machines.

Flange Size: 100mm sq, 130mm sq, 180mm sq, 220mm sq, 275mm sq, 320mm sq.

R1 Servo Motor: Low inertia

Low inertia servo motor that features high-acceleration drive and high torque with high-rotational speed. Ideal for injection molding machine and general industrial machines that requires high throughput.

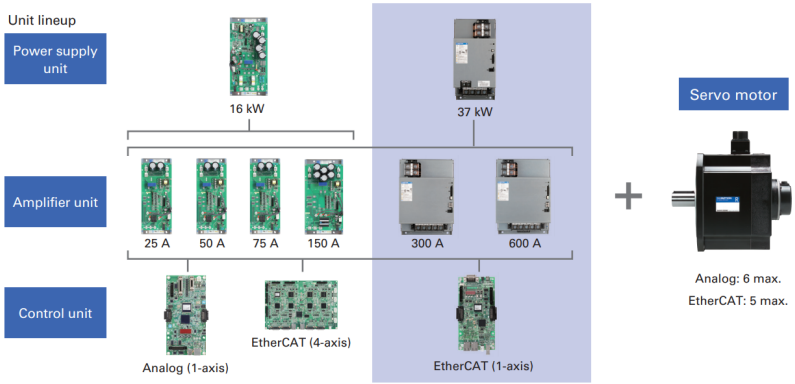


Flange Size: 100mm sq, 130mm sq, 180mm sq, 220mm sq,

SPACE SAVING FOR FLEXIBLE SYSTEM CONFIGURATION

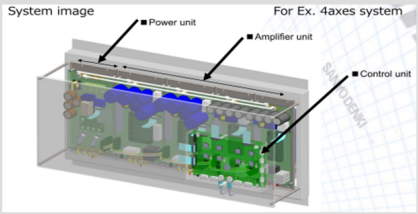
Open Frame Power Supplies, Amplifier, Controls for the smallest possible panels.

Since the axis of injection machines are rarely moved at the same time, need to match the power capacity of the multi-axis amplifier to the largest motor capacity in the configuration.



Product features

Multi-axis amplifier



High-performance servo motor

- High-speed spec achieved top-class performances.
- High torque spec achieved instantaneous max torque, max angular acceleration, max power rate while reducing the capacity of the amplifier.

Advantages

Since the axis of injection machines are rarely moved at the same time, need to match the power capacity of the multi-axis amplifier to the largest motor capacity in the configuration.

■Features of our multi-axis amplifier
- General multi-axis amplifier :
Power supply UNIT + AMP UNIT including control board
- Our multi-axis amplifier :
Power supply UNIT + control board UNIT + AMP Unit

■Advantage to the machine
- Higher injection speed and high acceleration/ deceleration performance
> Ultra-small capacity fine precision accessory parts

Effective for molding monitors and light guide plates for liquid crystal displays of mobile PCs on mid and large machines

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