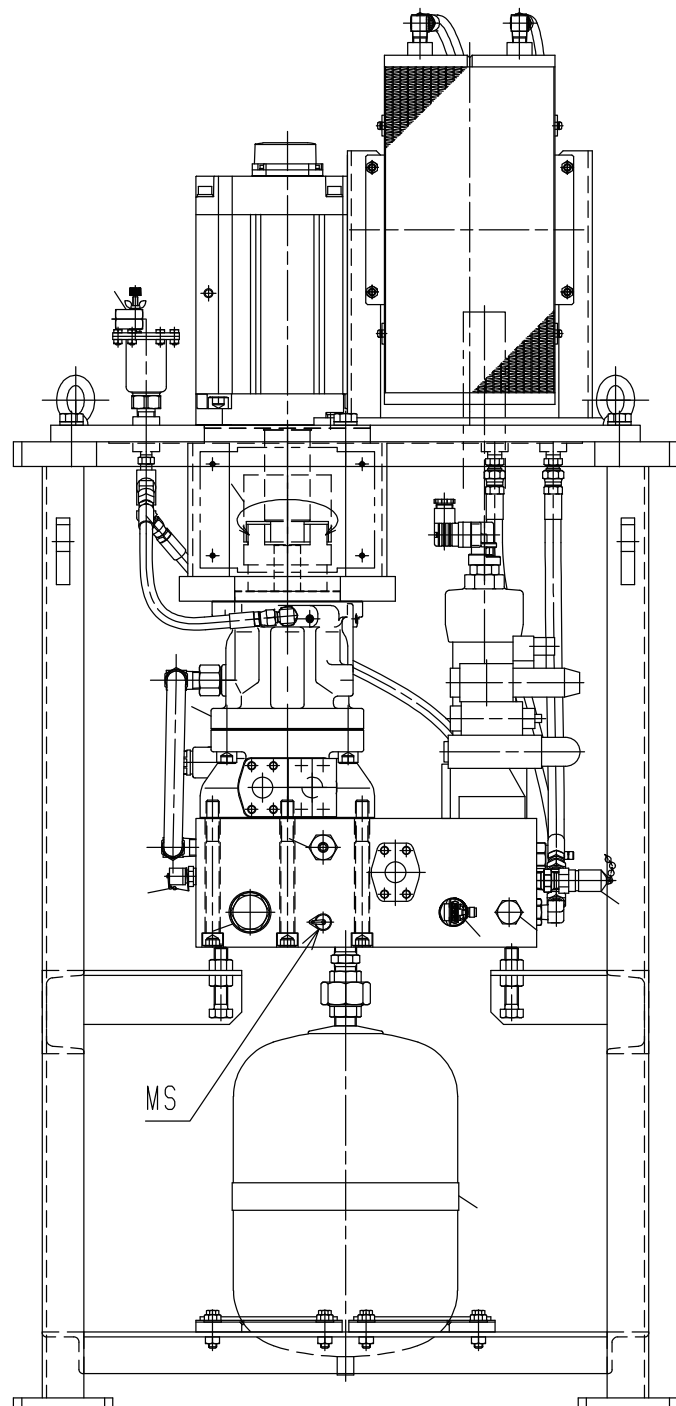


Kawasaki technology contributes to labor and energy savings in the manufacturing process

ECO SERVO Avant



Energy saving

Kawasaki contributes to energy saving with hydraulic press for processes of electronic board manufacturing

Hydraulic presses are used in the semiconductor manufacturing field

- Hydraulic press for multilayer ceramic capacitors (MLCC)
- Hydraulic press for stacking circuit boards (LTCC, MCL, etc.)

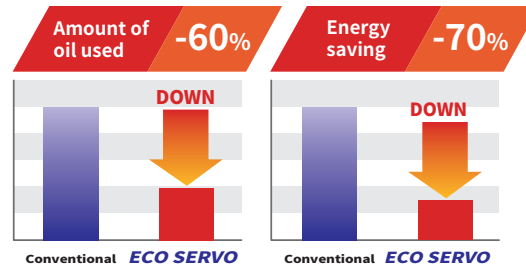
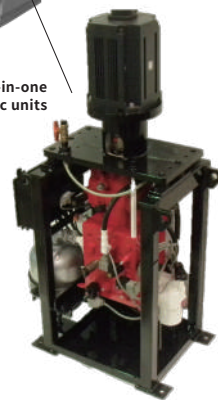
ECO SERVO Light/Avant

Significant reduction in power consumption by controlling hydraulic pump speed

Increased equipment capacity due to highly responsive motions
Reduced size and shorter cycle time

Reduced amount of oil used with sealed tanks

Pump, tank, and valve block, all-in-one energy saving hydraulic units



Labor saving

Chronic labor shortage

Tiredness of workers due to simple tasks

etc.

Saving labor for various processes of electronic board manufacturing with Kawasaki robots

