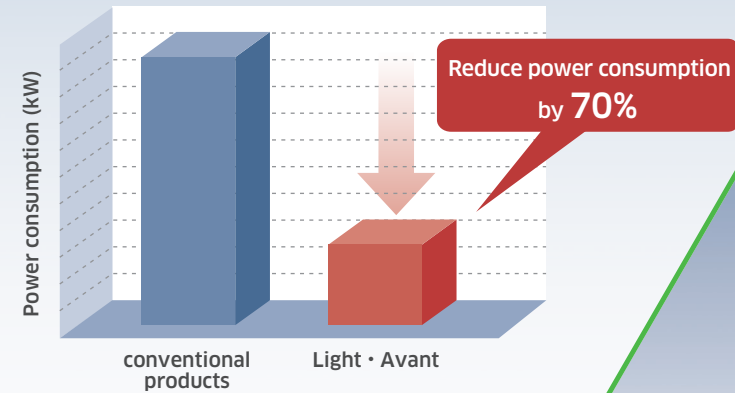


# ECO SERVO Light • Avant

ECO SERVO Light • Avant achieves class-leading pump efficiency

Reduced power consumption by electric motor speed control and improved pump efficiency.

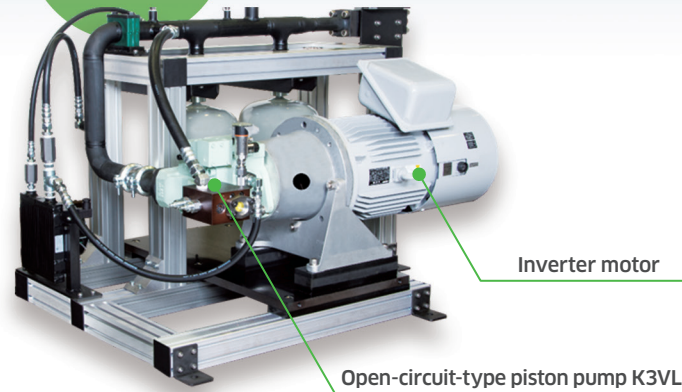


2022

Kawasaki  
Ecological Frontiers  
S class

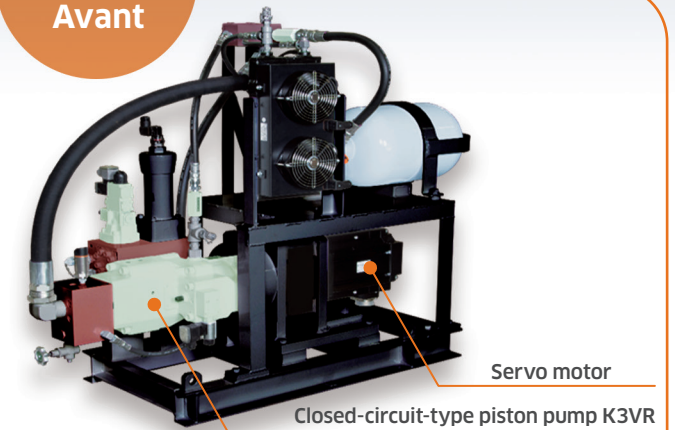
ECO SERVO  
Light

Specifically designed for  
flow and pressure control



ECO SERVO  
Avant

Include position control



Press  
field

Press and extrusion machine

Steel  
making  
plants

Continuous casting machine  
Blast furnace  
Basic oxygen furnace  
Rolling mill

Industrial  
field

Injection molding machine  
Testing equipment  
Semiconductor manufacturing equipment

## Product Description

ECO SERVO (registered with Ecological Frontiers) is a hydraulic power source that achieves energy-saving and reduces noise by controlling the speed of the hydraulic pump. It is widely used in press machines and semiconductor manufacturing equipment. The ECO SERVO Light and ECO SERVO Avant are commercialized as energy-saving hydraulic package units that integrate ECO SERVO with peripherals devices, such as tanks, needed as hydraulic units.

## Features

- The adoption of sealed tanks significantly reduces the amount of tank oil and contributes to the reduction of environmental load
- The adoption of reliable piston pumps contributes to stable operation of equipment
- High pressure (maximum operating pressure of 32 MPa) and high response operation can increase capacity of equipment and reduce cycle time
- ECO SERVO Light is powered by an inverter motor to drive an open-circuit-type piston pump and is easy to handle
- ECO SERVO Avant is powered by a servo motor to drive a closed-circuit-type piston pump, providing high performance control