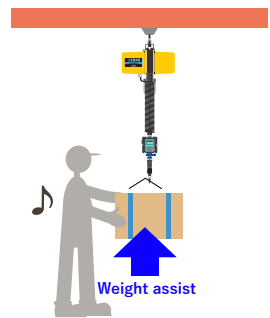
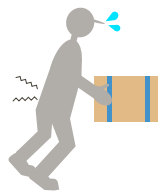


Servo Balancer

Safe and highly efficient control
High maneuverability

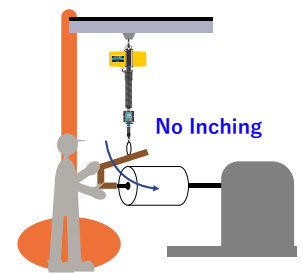
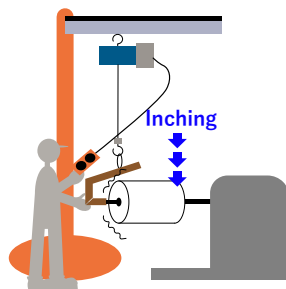


**Less burden
on operators**



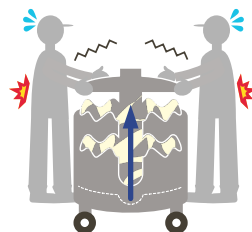
The built-in servo motor assists the weight of the suspended workpiece and reduces the burden on the operator.

**Efficient and
smooth operation**



The inching to adjust the position of the workpiece is not necessary. That improves work efficiency of the assembling work.

Safety operation



The servo balancer increases the safety of the transportation work including hanging, lifting and landing without special skills.

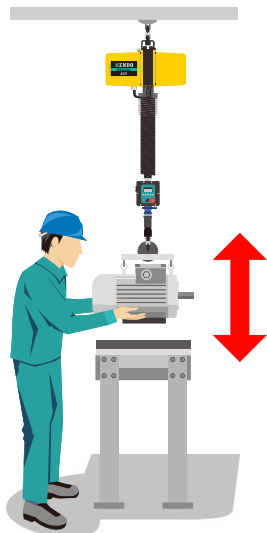
Control operations

Manual control



Grip control

Switching automatic

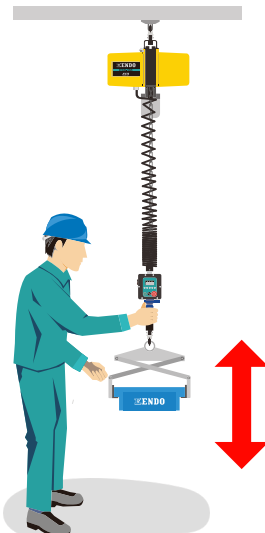


- Precise positioning
- Soft landing



Youtube video

Workpieces can be manipulated directly by hand with little manual effort. This enables high-precision positioning in assembly line work and increases safety and efficiency.



- Hanging up
- Lifting
- Lowering
- Removing



Youtube video

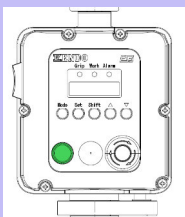
Workpieces are raised and lowered by sliding the grip-type lever up and down. The Servo balancer handles heavy objects efficiently with less burden on the operator and can also be mounted to a rail system.

Safety features

Manual control hold button

The motor brake is applied and the suspended workpiece cannot be moved.

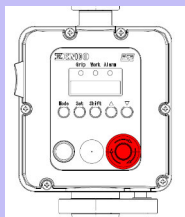
This function prevents the workpiece from rising/lowering when an external force is applied to it, or to make the horizontal traversing operation by the rail system easier.



Emergency stop button

Activating this button, immediately locks operations and movements of the Servo balancer into place.

This button is used to immediately stop operation in an emergency.

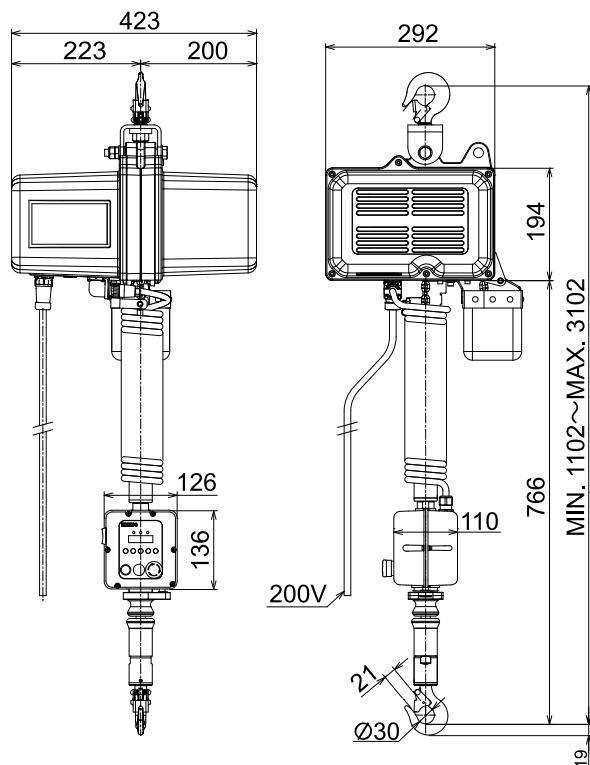


Specifications

Model	Lifting capacity settings [kg]	Max. lifting speed		Servo balancer weight [kg]	Servo motor capacity [kg]	Power supply requirement		Travel [m]
		[m/sec]	[m/min]			Nominal voltage [V]	Nominal current [A]	
ESB-300	130 (Minimum setting)	0.458	27.5	37	1000	200 (170~260)	12.4	2
	200 (Medium setting)	0.387	23.2			200/220 (170~260)	7.4	
	300 (Maximum setting)	0.274	16.4					

Intermittent periodic rating:60%ED

Dimensions



We accept trial operations at your location!



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