



Arhan Technologies Pvt. Ltd.

Japanese **MONOZUKURI** Solutions Provider
(Manufacturing/ Assembly Methods, Tools & Technology)

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ARHAN Newsletter

ENDO EWS Series Safety Balancers

Arhan Technologies Pvt. Ltd. is introducing EWS Series safety balancers. The new EWS series tool balancers helps in operational safety and improves working environment required for Global automobile manufacturing standards.

The EWS series balancers combine Endo original design EW series balancers with the new safety features, fall arrest device against spring breakage. The EWS series has a manual drum lock, which allows for easy change out of tools. Tension adjustment is performed easily with a wrench. Additionally, the casing is fully enclosed, eliminating any potential pinch points around the drum. Economical EWS-W series balancers are also available with fully enclosed casing and with all the features same as EWS series balancers except the fall arrest device.

The Japanese quality control tests shows that EWS and EWS-W balancers have spring operation life of more than 500,000 operations at 2/3rd operation stroke with full load. In actual working applications none of the balancers are rated to full load continuously and hence their operation life exceeds by another 40 to 50%. Endo balancers design features cast aluminium case and a forged swivel hook allows using these balancers for several years without loosing the productivity and halting the production line for maintenance. ENDO assures on trouble-free production even in mass production assembly requirements with these durable, maintenance free - longer life safety balancers.

We say, "ENDO products are your life long partners in boosting the productivity. Install them and forget about problems."

Features:

- Tapered drum, quality springs and bearings provide smooth cable travel throughout the stroke.
- Cast aluminium Case and a forged swivel hook
- Fully enclosed casing eliminates potential pinch points
- Fall arrest device in EWS series safety balancers
- World class ENDO product quality & reliability (Assured highest operation life than any other balancer)

Models & Specifications

Model	Capacity (Kg)	Weight (kg)	Cable travel(m)
EWS-3	1.5 – 3.0	1.9	1.3 Cable Diameter 3 mm
EWS-5	3.0 – 5.0	2.1	
EWS-7	5.0 – 7.0	2.1	

Endo Kogyo make spring and hose balancers have more than 90% market share in all Japanese automobile industries and they are also widely used in worldwide automobile plants including some plants in India.

ENDO – Reliable Solutions for Material & Tool Handling