



**Arhan Technologies Pvt. Ltd.**

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

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## ARHAN Newsletter

### **World's Highest Safety Spring Balancers**

Arhan Technologies Pvt. Ltd. authorized Distributor for Japan's leading spring, tool balancers and Air hoists manufacturer Endo Kogyo Co. Ltd. is introducing EWA Series snap back prevention safety balancers. Global automobile and engineering industries are giving focus on accident-free working environment and extreme operator safety. The new patented EWA series tool balancers helps in operational safety.

The EWA series safety balancers are used in conjunction with heavier tools and welding machines. The EWA series incorporates an additional safety mechanism to prevent injury to the user. If the suspension cable is cut, or tool is disengaged, a centrifugal brake engages and the drum locks. This prevents the cable from snapping back and injuring operator or damaging equipment. The distance the severed cable will travel before the centrifugal brake engages is 100 mm or less. These balancers are extremely useful in car, automobile welding shops for accident-free working environment. EWA series balancers are already in use at several Japanese, American and European automobile manufacturers. It sets the new standard for employee safety and ergonomics.

The EWA series safety spring balancers are available in capacity range of 15 Kg to 70 Kg with cable travel length of 1.5 meters.

#### **Features:**

- Extreme safety Snap-Back Prevention mechanism prevents injury to the operator or equipment damage in case of suspension cable is cut.
- Endo spring balancers offer true zero gravity, with no drifting or strain.
- Tapered drum, quality springs and bearings provide smooth cable travel throughout the stroke.
- Cast aluminium Case and a forged swivel hook
- Tension adjustment is easy and precise
- World class ENDO product quality & reliability (Assured highest operation life than any other balancer)

### Models & Specifications

Model	EWA-22	EWA-30	EWA-40	EWA-50	EWA-60	EWA-70
Capacity (kg)	15-22	22-30	30-40	40-50	50-60	60-70
Cable travel (m)	1.5	1.5	1.5	1.5	1.5	1.5
Mass (kg)	8.8	9.2	12.0	12.6	13.2	14.8

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**

**For further details please contact**  
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