



**Arhan Technologies Pvt. Ltd.**

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

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**ARHAN Newsletter**

**Durable, Safe, Ergonomic Spring Balancers**

The EWF series new generation balancers have several new features such as, Fully enclosure housing, eliminating any potential pinch points around drum, and a patented plastic wire guide at the entrance space of cable to protect casing wear.

The EWF series balancers are available from 9 kg to 120 kg capacity range and include manual drum lock. With the manual lock engaged, the drum will not rotate. This allows for easy change out or maintenance of tools. In addition, the springs are enclosed in a cassette for safe and easy repair. The spring balancers employ a taper drum to make the changeable torque constant and contribute to fatigue reduction for operator on the production line.

**Features:**

- Fully enclosed housing to eliminate potential pinch points around drum. This allows safe working environment
- 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. This allows for better ergonomic working.
- A plastic wire guide set to protect case wear against spring friction with the casing.
- Quality 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)

Model	Capacity (kg)	Cable travel (m)
EWS-3	1.5 - 3.0	1.3
EWS-5	3.0 - 5.0	
EWS-7	5.0 - 7.0	
EWS-3W	1.5 - 3.0	
EWS-5W	3.0 - 5.0	
EWF-9	4.5 - 9.0	
EWF-15	9.0 - 15.0	1.5
EWF-22	15.0 - 22.0	
EWF-30	22.0 - 30.0	
EWF-40	30.0 - 40.0	
EWF-50	40.0 - 50.0	
EWF-60	50.0 - 60.0	
EWF-70	60.0 - 70.0	2.0
EWF-90	70.0 - 90.0	
EWF-105	85.0 - 105.0	
EWF-120	100.0 - 120	



**ENDO – Reliable Solutions for Material & Tool Handling**