



'ENDO' spring balancers with an extended rope of up to 2.5 m have the advantage that workers can regulate the spring tension without needing a ladder.

- Improves work efficiency and delays fatigue of workers.
- Keeps the position of a tool stable and contributes to accurate work.
- Ensures that a tool does not get damaged.
- No electrical or pneumatic energy is required and safe working is guaranteed.

'ENDO' balancers with ratchet mechanism are useful for switching a suspended tool on and off. They are also advantageous for frequent load changes.

The ratchet mechanism allows you to stop the wire rope at any position, even when the balancer is not loaded.

- When suspended loads are replaced frequently.
- For hanging washed objects.

The balancer function has been added to the hose reel so that you can effortlessly control the vertical position of air tools and similar equipment. The balancer can be used as a suspension rope as well as an air hose, eliminating messy, hard-to-organise hoses. The housing and reel are made of a special synthetic resin and are robust and lightweight in construction. The hose is made of high quality urethane and is very durable. The air hose has a diameter of 9 mm at the inlet and a 1/4" internal thread at the outlet.

Spring Balancers w Extended Rope

Model	Capacity kg	Stroke m	Rope Ø mm	Weight kg	Fall-arrest device	Drum lock device
ELF-3	1.5 - 3.0	2.5	3.0	4.6	•	•
ELF-5	3.0 - 5.0	2.5	3.0	4.8	•	•
ELF-9	5.0 - 9.0	2.5	3.0	5.4	•	•
ELF-15	9.0 - 15	2.5	4.76	10.0	•	•
ELF-22	15 - 22	2.5	4.76	10.2	•	•
ELF-30	22 - 30	2.5	4.76	11.0	•	•
ELF-40	30 - 40	2.5	4.76	14.0	•	•
ELF-50	40 - 50	2.5	4.76	14.5	•	•
ELF-60	50 - 60	2.5	4.76	17.1	•	•
ELF-70	60 - 70	2.5	4.76	18.0	•	•

Balancers w Ratcheting Mechanism

Model	Capacity kg	Stroke m	Rope Ø mm	Weight kg	Fall-arrest device	Drum lock device
RSB-15	9.0 - 15	1.5	5.0	7.4	•	–
RSB-22	15 - 22	1.5	5.0	7.7	•	–
RSB-30	22 - 30	1.5	5.0	8.1	•	–
RSB-40	30 - 40	1.5	5.0	8.5	•	–

Hose Balancers

Model	Capacity kg	Hose Length m	Hose Ø mm	Air Flow l/min	Pipe Thread inch	Weight kg	Fall-arrest device	Drum lock device
ATB-0	0.5 - 1.5	1.3	6.35	700	PT 1/4	1.58	–	–
ATB-1	1.5 - 3.0	1.3	6.35	700	PT 1/4	1.66	–	–
ATB-2	3.0 - 5.0	1.3	6.35	700	PT 1/4	1.73	–	–



Further information available 24 / 7 on our website.