

# ENDO SPRING BALANCERS

LARGE CAPACITIES (1.5 – 105 kg)



EWF SERIES SPRING BALANCERS  
ELF SERIES SPRING BALANCERS

## EWF SERIES SPRING BALANCERS

### Applications

- ✓ Used in engineering, manufacturing, abattoirs, process lines and job shops.
- ✓ Suspension of electric or pneumatic power tools, or for hanging tools, parts or welding equipment at workstations or assembly lines

### Features

- ✓ Strong, lightweight aluminium body.
- ✓ Heavy duty top and bottom hook.
- ✓ Tapered drum for exact torque retraction across the full stroke.
- ✓ 'Anti Snap Back' models available.
- ✓ Gauge for determining load.
- ✓ Cartridge spring assembly.
- ✓ Fall arrest and drum lock device.
- ✓ Worm gear spring adjustment.



Capacity: 4.5 – 105 kg

Capacity Min (kg)	Capacity Max (kg)	Part No.	Model	Stroke (m)	Weight (kg)
4.5	9	44263	EWF-9	1.3	3.5
9	15	44264	EWF-15	1.3	3.8
15	22	44265	EWF-22	1.5	7.0
22	30	44266	EWF-30	1.5	7.6
30	40	44267	EWF-40	1.5	9.8
40	50	44268	EWF-50	1.5	10.2
50	60	44269	EWF-60	1.5	11.6
60	70	44270	EWF-70	1.5	11.9
70	90	44451	EWF-90	2.0	21.9
85	105	44452	EWF-105	2.0	24.0

# Spring Balancers

## ELF SERIES SPRING BALANCERS

### Applications

- ✓ Used in engineering, manufacturing, abattoirs, process lines and job shops
- ✓ Ideal for applications for balancers that require a longer stroke.

### Features

- ✓ Strong lightweight aluminium body (most models).
- ✓ Multiple different cable lengths.
- ✓ Heavy duty top and bottom hook.
- ✓ Tapered drum for exact torque retraction across the full stroke.
- ✓ Fall arrest and drum lock device.
- ✓ Worm gear spring adjustment.
- ✓ Gauge for determining load.
- ✓ Cartridge spring assembly (models ELF-15 to ELF-70 only).



Capacity: 1.5 – 70 kg

Capacity Min (kg)	Capacity Max (kg)	Part No.	Model	Stroke (m)	Weight (kg)
1.5	3.0	45508	ELF-3	2.5	4.1
3.0	5.0	45509	ELF-5	2.5	4.2
5.0	9.0	45510	ELF-9	2.5	4.7
9.0	15.0	45794	ELF-15	2.5	10.0
15.0	22.0	45795	ELF-22	2.5	10.2
22.0	30.0	45796	ELF-30	2.5	11.0
30.0	40.0	45797	ELF-40	2.5	14.0
40.0	50.0	45798	ELF-50	2.5	14.5
50.0	60.0	45799	ELF-60	2.5	17.0
60.0	70.0	45800	ELF-70	2.5	18.1

### Applications



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