Spring Balancers & Retractors





Features TW series

- ► Main suspension can be rotated 360°
- ► Additional tool clips are attached to the top and bottom sides
- ► Prevents the tool from falling freely should a spring break
- ► Measuring device to check the voltage



No power source is required when holding and stabilising tools. Ergonomically beneficial/efficient by delaying tool weight and worker fatigue when performing repetitive tasks.

The zero-gravity balancer makes the tools feel virtually weightless and maximises efficiency and accuracy when working. Tension and cable length are adjustable. Keeps the

working environment safe and the workplace free of tools, fixtures, etc.

Material: aluminium housing and drum, steel cable.

The **retractor** is one of the most common and easiest to use balancers. The worker can pull down the tool attached to a cable that rolls up inside the retractor housing. An internal

spring exerts a constant pull on the cable. This causes the tool to immediately return to its rest position when the operator releases it. Overall, this useful tool increases efficiency and safety in the workplace while delaying operator fatigue.

Retractors												
Model	Capacity		Stroke		Weight		Fall-arrest	Drum lock				
	lbs	kg	ft.	m	lbs	kg	device	device				
RW-0	1.1 - 3.3	0.5 - 1.5	6.56	2.0	1.1	0.5	_	-				
RW-3	2.2 - 6.6	1.0 - 3.0	6.56	2.0	1.5	0.7	_	_				
RW-5	6.6 - 11	3.0 - 5.0	6.56	2.0	2.0	0.9	_	_				

Spring Balancers											
Model	Capacity		Stroke		Weicht		Fall-arrest	Drum lock			
	lbs	kg	ft.		lbs	kg	device	device			
TW-0	1.1 - 3.3	0.5 - 1.5	3.28	1.0	1.1	0.5	_	-			
TW-3	2.2 - 6.6	1.0 - 3.0	4.27	1.3	3.1	1.4	-	-			
TW-5	5.5 - 11	2.5 - 5.0	4.27	1.3	3.3	1.5	_	_			
TW-9	9.9 - 19.8	4.5 - 9.0	4.27	1.3	7.5	3.4	-	•			
TW-15	19.8 - 33.1	9 - 15	4.27	1.3	8.4	3.8	_	•			
TW-22	33.1 - 48.5	15 - 22	4.92	1.5	15.9	7.2	-	•			
TW-30	48.5 - 66.1	22 - 30	4.92	1.5	16.8	7.6	_	•			
TW-40	66.1 - 88.2	30 - 40	4.92	1.5	21.6	9.8	-	•			
TW-50	88.2 - 110.3	40 - 50	4.92	1.5	22.9	10.4	_	•			
TW-60	110.3 - 132.3	50 - 60	4.92	1.5	25.6	11.6	-	•			
TW-70	132.3 - 154.3	60 - 70	4.92	1.5	26.0	11.8	_	•			
TW-90	154 - 198	70 - 90	6.9	1.5	59	27	-	•			
TW-105	187 - 231	85 - 105	4.9	1.5	64	29	_	•			
TW-120	220 - 264	100 - 120	6.9	1.5	66	30	-	•			



The types ETP, ELF and TW from TW-9 upwards are equipped with a blocking device. This offers more safety in case of spring breakage. These models also have a locking knob for easy tool change.



