

CounterBalanceMODULAR TORSION SPRING SYSTEM

CounterBalance Modular torsion spring system

Southco's CounterBalance Modular Torsion Spring Systems combine assisted lifting force and positional stability through the full range of motion for opening and closing to make equipment operation safe and reliable. CounterBalance systems are engineered specifically for controlling the exact weight of heavy doors and panels and can balance heavy loads, allowing them to be lifted and positioned with ease.



Maintenance Free



No Power Source Needed



Highly Repeatable up to 100K Cycles



Enhanced User Experience



Resists Temperature Ranges from -37°C - 107°C



Zero Effort Lifting

APPLICATION AREAS

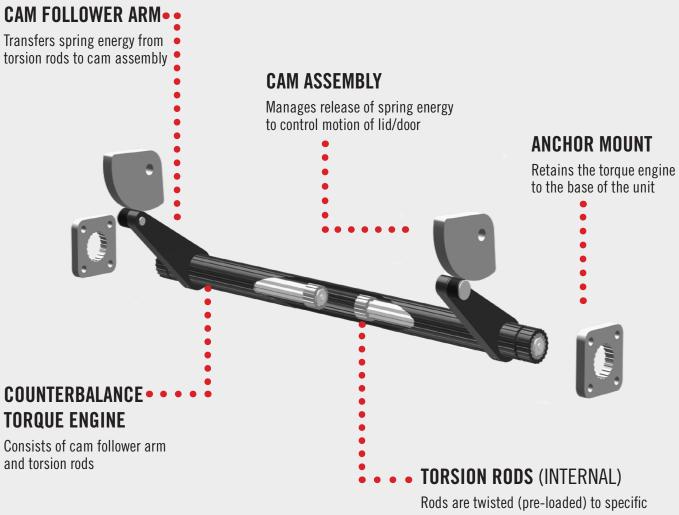
- Laboratory equipment
- Gaming machines and kiosks
- Military and armored vehicles
- Architectural doors and panels
- Cooking and food processing equipment





How does a CounterBalance work?

Southco's CounterBalance Systems take the effort out of lifting and supporting lids, covers, doors and electromechanical equipment. The torsion spring technology counteracts downward force and provides precise balance for user control. When the lid is in motion, mechanical energy is distributed out of the torsion spring and the cams to neutralize the weight of the lid.



angles to counteract the weight of the lid/door

For more information visit www.southco.com/CB





Southco Customer Service and Technical Support

Americas Global Headquarters Concordville, PA · USA Tel: (1) 610 459 4000

Brazil	Tel: (55 11) 4617 9988
Canada	Tel: (1) 905 855 0309
Mexico	Tel: (1) 877 821 0666
USA	Tel: (1) 610 459 4000



Europe Headquarters Worcester · UK Tel: (44) (0) 1905 346722

Austria	Tel: 0800 281 831
France	Tel: 0800 912 756
Germany	Tel: 0800 1800 380
Italy	Tel: 800 780 953
Spain	Tel: 900 968917
Sweden	Tel: 020 790 366
UK & NI	Tel: 0845 117 922

Asia Headquarters Hong Kong · China Tel: (852) 3127 1503

Australia	Tel: (61) 03 9330 5000
China	Tel: (800) 820 0272
	Tel: (400) 880 8900
India	Tel: (91) (21) 3867 0538
Japan	Tel: (81) 6 6466 1200
Korea	Tel: 0505 777 1234
Malaysia	Tel: 1800 801 119
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Taiwan	Tel: 0800 558 015

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