

SPRING BALANCERS

TO REDUCE OPERATOR FATIGUE

FEATURES :

- ❖ Automatic Drum Lock Arrangement.
- ❖ External Tension Adjustment.
- ❖ Rugged Construction.
- ❖ Containerized Main Spring.
- ❖ Self Lubricating Bearing.
- ❖ Swivel Hook For Any Operating angel.
- ❖ Quick Connecting And Disconnecting of Load.

TO INCREASE PRODUCTIVITY



SPECIFICATIONS

MODEL NO.	BALANCING CAPACITY		TRAVEL IN MTR.	ROPE DIA (MM)	UNIT WEIGHT KGS.
	MIN. KGS.	MAX. KGS.			
SB-1	0.25	1.5	1.0	3.0	1.2
SB-2	1.0	2.0	1.0	3.0	1.2
SB-3	1.0	3.0	1.3	3.5	2.3
SB-5	2.5	5.0	1.3	3.5	2.3
SB-9	4.5	9.0	1.3	4.0	4.2
SB-15	9.0	15.0	1.3	4.0	4.5
SB-22	15.0	22.0	1.5	5.0	9.0
SB-30	22.0	30.0	1.5	5.0	9.5
SB-40	30.0	40.0	1.5	5.0	10.5
SB-50	40.0	50.0	1.5	5.0	11.2
SB-60	50.0	60.0	1.5	5.0	12.6
SB-70	60.0	70.0	1.5	5.0	13.6
SB-85	70.0	85.0	1.5	6.0	16.0
SB-100	85.0	100.0	1.5	6.0	19.0
SB-120	100.0	120.0	1.5	6.0	20.5
SB-140	120.0	140.0	1.8	6.0	-
SB-170	140.0	170.0	1.8	6.0	-
SB-200	170.0	200.0	1.8	6.0	-

PARTS LIST

1. **Forged Hooks** - Top and bottom hooks have a safety latch to prevent accidental unhooking of either balancer or load.
2. **Swivel on Top Hook** - Allow full 360° rotation. Positions balancer for easiest cable flow. Prolongs cable life.
3. **Hanger for Secondary Support Chain** - Upper and Lower Hangers are provided for attachment of secondary support chain to prevent the possibility of the balancer accidentally falling.
4. **Manual Safety Lock** - Positively locks rotation of the drum. A must when replacing a cable, changing the load or renewing the spring.
5. **Safety Stop Arm** - Automatically locks the cable drum and holds the load in place if the main spring fails.
6. **Hardened Worm and Worm Gear Load Adjustment** - Permits exact external balancing of load.
7. **Self-Contained Spring** - Allow cable replacement without disassembly. Spring is retained in a steel collar.
8. **Stranded Steel Cable** - Resists kinking... reduces drum wear... requires no lubrication... outwears plain steel cable.
9. **Shock Absorber and Adjustable Cable Stop** - Limits retraction of cable to any desired point in its travel. Prevents excessive winding of cable on drum.
10. **Tapered Cable Drum** - Assure more even tension in cable throughout working range.
11. **Steel Drum Shaft** - Precision made for extra life and added safety.
12. **Gauge Indicator** - Indicates set weight of the balancer.

