

## Super-Duty Balancers

33 to 363 lb Capacity

### Features

- Gravity-free suspension capability
- Ribbed and sealed monobloc construction in aluminum alloy
- Stainless-steel cable
- Safety device against load dropping due to the spring breakage (>3 kg)
- Upper rotary suspension with safety hook
- Locking device to block the load at any height
- Adjustable stroke limiting device
- Cable guide in anti-friction material
- Visible cable for inspection



## Super-Duty Long Cable Balancers

33 to 330 lb Capacity

### Features

- Safety device prevents load dropping
- Upper suspension with rotary safety hook
- Precision-guided cable-winding prevents jamming
- Anti-friction cable guide
- Manual locking device for instant clamping or release
- Worm screw capacity adjustment
- Alignable rotating upper hook
- Cable replacement without balancer disassembly
- Cable visible for inspection



Model	lb (kg)	ft (m)	lb (kg)	Dimension Type
<b>BSD SERIES</b>				
BSD-20	41.9 (18.6)	8.2' (2500)	33 – 44 (15 – 20)	A
BSD-30	43.7 (19.8)	8.2' (2500)	44 – 66 (20 – 30)	A
BSD-40	45.9 (20.8)	8.2' (2500)	66 – 88 (30 – 40)	A
BSD-50	52.7 (23.9)	8.2' (2500)	88 – 110 (40 – 50)	A
BSD-60	56 (25.4)	8.2' (2500)	110 – 132 (50 – 60)	A
BSD-70	59.1 (26.8)	8.2' (2500)	132 – 154 (60 – 70)	B
BSD-80	61.3 (27.8)	8.2' (2500)	154 – 176 (70 – 80)	B
BSD-90	63.5 (28.8)	8.2' (2500)	176 – 198 (80 – 90)	B
BSD-100	78.5 (35.6)	8.2' (2500)	198 – 220 (90 – 100)	C
BSD-120	85.3 (38.8)	8.2' (2500)	220 – 265 (100 – 120)	C
BSD-140	92.2 (41.8)	8.2' (2500)	265 – 309 (120 – 140)	C
BSD-150	98.1 (44.5)	8.2' (2500)	287 – 330 (130 – 150)	C
BSD-165	106.3 (48.2)	8.2' (2500)	330 – 363 (150 – 165)	C

Model	lb (kg)	ft (m)	lb (kg)	Dimension Type
<b>BSDL SERIES</b>				
BSD-20	42.1 (19.1)	9.8' (3000)	33 – 44 (15 – 20)	A
BSD-25	43.9 (19.9)	9.8' (3000)	44 – 55 (20 – 25)	A
BSD-35	46.1 (20.9)	9.8' (3000)	55 – 77 (25 – 35)	A
BSD-45	52.5 (23.8)	9.8' (3000)	77 – 99 (35 – 45)	B
BSD-50	52.7 (23.9)	9.8' (3000)	99 – 110 (40 – 50)	B
BSD-60	55.8 (25.3)	9.8' (3000)	110 – 132 (50 – 60)	B
BSD-70	58.9 (26.7)	9.8' (3000)	132 – 154 (60 – 70)	B
BSD-80	61.7 (28)	9.8' (3000)	154 – 176 (70 – 80)	B
BSD-90	64 (29)	9.8' (3000)	176 – 198 (80 – 90)	B
BSD-100	81.1 (36.8)	9.8' (3000)	198 – 220 (90 – 100)	C
BSD-115	85.3 (38.7)	9.8' (3000)	220 – 254 (100 – 115)	C
BSD-130	88 (39.9)	9.8' (3000)	254 – 286 (115 – 130)	C
BSD-140	94.4 (42.8)	9.8' (3000)	286 – 309 (130 – 140)	C
BSD-150	100.6 (45.6)	9.8' (3000)	309 – 330 (140 – 150)	C

## Balancer Support Systems — Trolleys

### Spring Balancer Series

Rail Type	Trolley Model		
	Intermediate-Duty	Heavy-Duty	Super-Duty
ZRA1	ZHS30304	ZHS30313	ZHS30313
ZRA2	30923	ZHS30314	ZHS30314
ZRS2/3	30842	ZHS30315	ZHS30315
I-Beam	PT005-8	PT005-8	PT005-8

## Balancer Accessories

### Floor-Controlled Locking Device

A floor-controlled locking device is available, making it easier to change suspended loads without tension adjustment. The simplicity of this device will minimize downtime when changing a suspended load for a given balancer. Once installed, turn the handle toward red to lock the drum. After load is changed, turn handle toward green to unlock the drum.



Model	Used With
BIL-7343	Heavy-duty (BHD)
BIL-3224	Super-duty (BSD & BSDL)