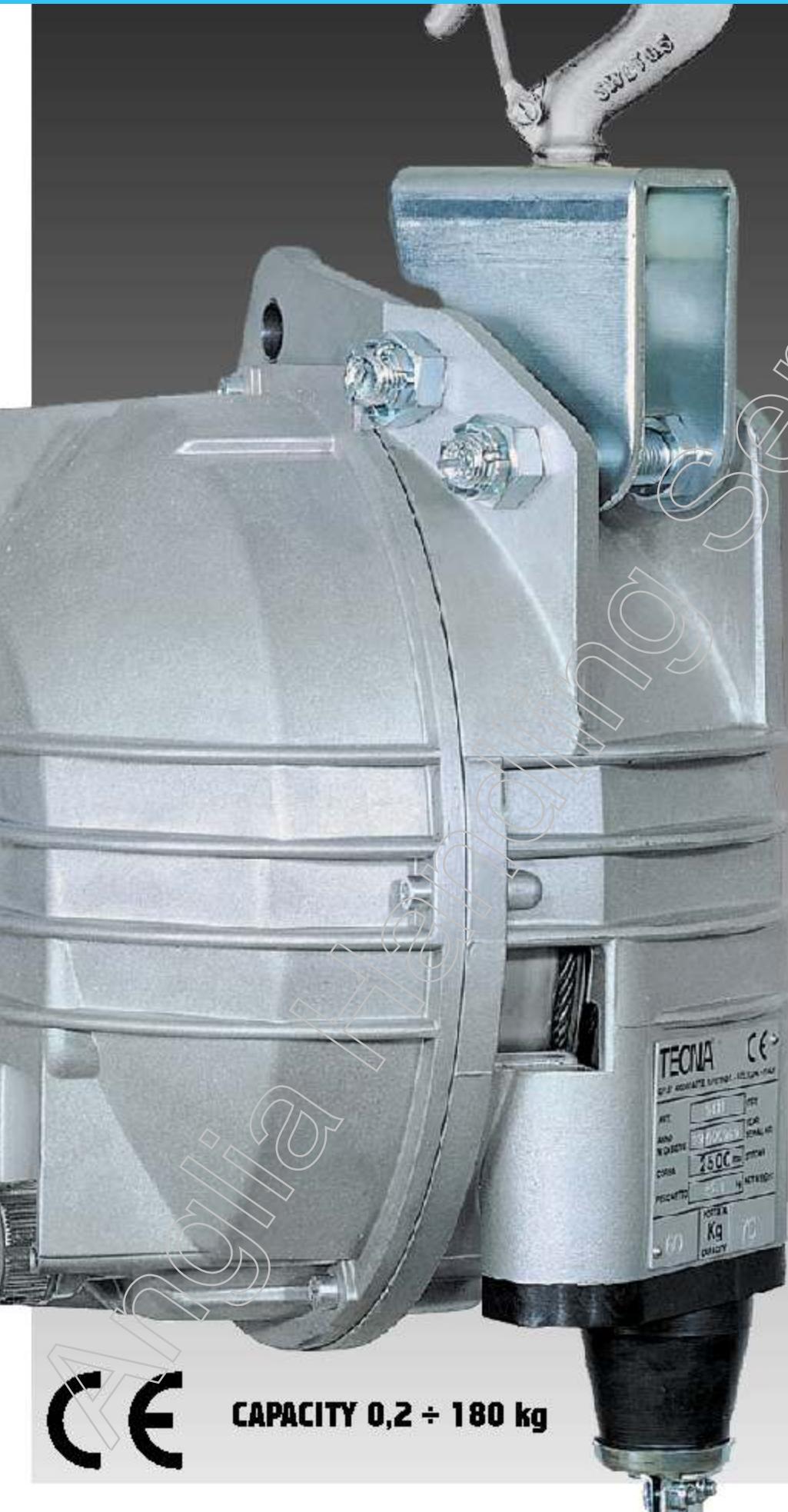


# TECNA®

## GENERAL CATALOGUE



CAPACITY 0,2 ÷ 180 kg



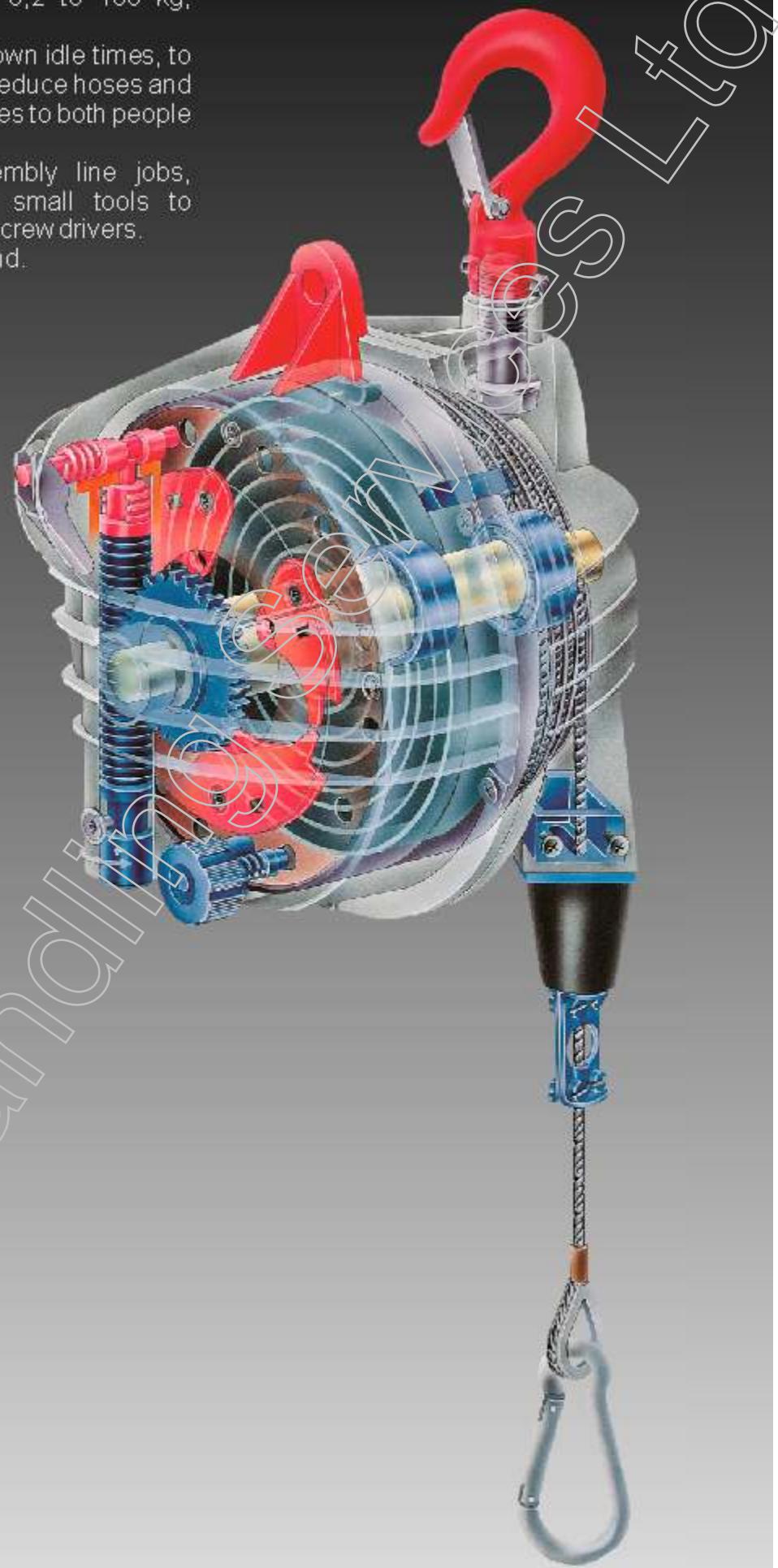
# BALANCERS

**TECNA s.p.a.** Produc a complete range of balancers; capacities from 0,2 to 180 kg, available stroke up to 3 m.

To eliminate labour, to cut down idle times, to improve the work quality, to reduce hoses and cables wear, to avoid damages to both people and tools.

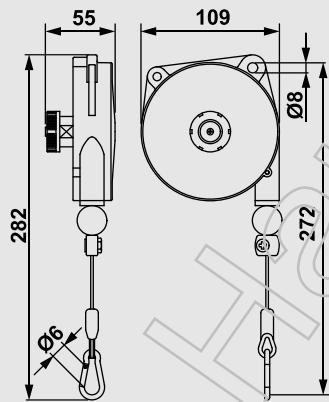
For either bench or assembly line jobs, applications ranging from small tools to industrial guns and multiple screw drivers.

Special executions on demand.



**9300 ÷ 9303**

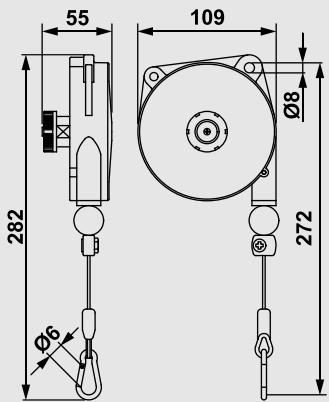
**1**  
1600 mm  
0.2÷3 kg



	<b>9300</b>	<b>9301</b>	<b>9302</b>	<b>9303</b>
Capacity	0,2÷0,5	0,2÷0,5	0,4÷1	1÷2
Weight	0,4	0,5	0,5	0,6
Stroke	1600 mm			
Cable	Nylon			
Body	Nylon			

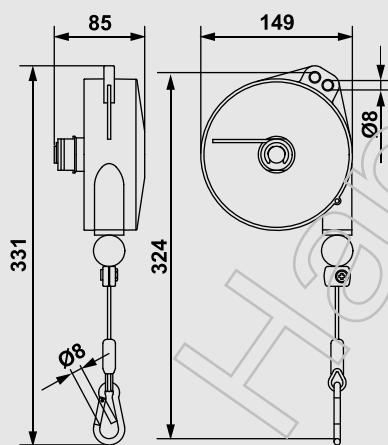
**9311 ÷ 9313**

**2**  
1600 mm  
0.4÷3 kg



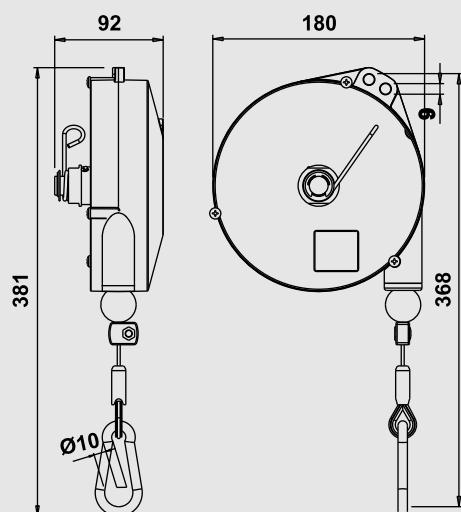
	<b>9311</b>	<b>9312</b>	<b>9313</b>
Capacity	0,4÷1	1÷2	2÷3
Weight	0,6	0,6	0,7
Stroke	1600 mm		
Cable	Inox		
Body	Aluminium		

**9320 ÷ 9323**



	<b>9320</b>	<b>9321</b>	<b>9322</b>	<b>9323</b>
Capacity	1÷2,5	2÷4	4÷6	6÷8
Weight	2	2	2,3	2,5
Stroke		2000 mm		
Cable		Inox		
Body		Aluminium		

**9336 ÷ 9340**



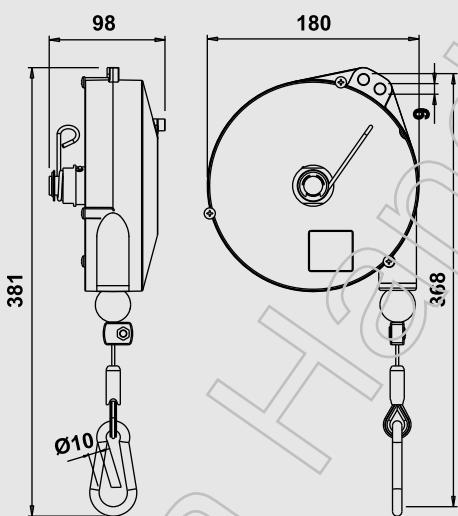
	<b>9336</b>	<b>9337</b>	<b>9338</b>	<b>9339</b>	<b>9340</b>
Capacity	2÷4	4÷6	6÷8	8÷10	10÷14
Weight	2,9	3,2	3,5	3,7	4
Stroke		2500 mm			
Cable		Inox			
Body		Aluminium			

**9346 ÷ 9350**



**5**  
2500 mm  
2÷14 kg

In addition to the features of the former range, the new balancers are equipped with a new device enabling to stop the stroke by carrying out a simple operation on the load.



	<b>9346</b>	<b>9347</b>	<b>9348</b>	<b>9349</b>	<b>9350</b>
Capacity	2÷4	4÷6	6÷8	8÷10	10÷14
Weight	3	3,3	3,6	3,8	4
Stroke	2500 mm				
Cable	Inox				
Body	Aluminium				

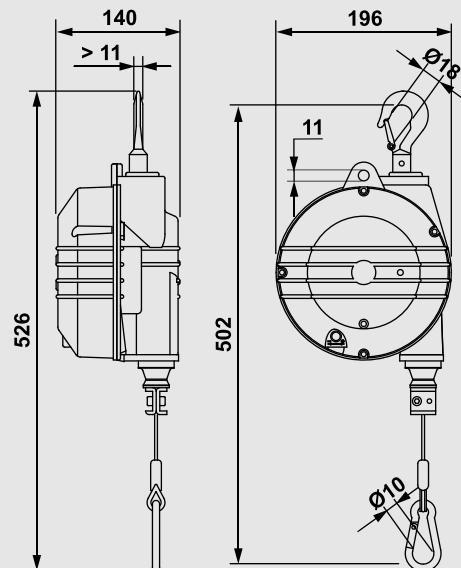
**9354 ÷ 9359**



**6**  
2000 mm  
4÷25 kg

#### Option F Brake device

The balancer is equipped with a friction/brake which controls the rotation speed of the drum. This option is feasible when placing a new order while it is not possible to assemble this device on balancers already installed.



	<b>9354</b>	<b>9355</b>	<b>9356</b>	<b>9357</b>	<b>9358</b>	<b>9359</b>
Capacity	4÷7	7÷10	10÷14	14÷18	18÷22	22÷25
Weight	5	5,5	5,5	6,5	6	6,6
Stroke	2000 mm					
Cable	Inox					
Body	Aluminium					

$$\begin{array}{r} 9369 \\ \div 9361 \\ \hline \end{array}$$



7

2000 mm

10:75  
kg

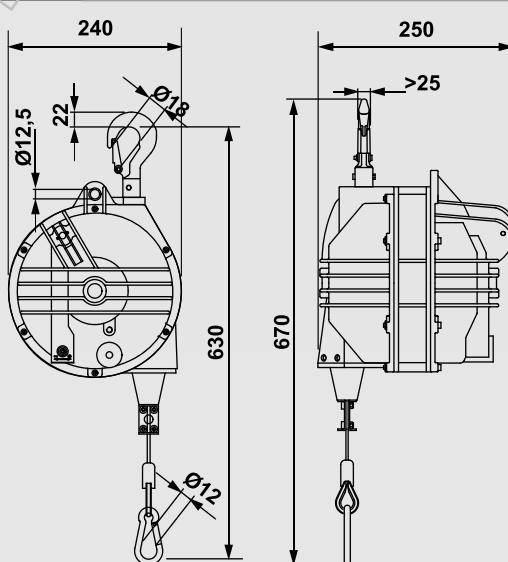
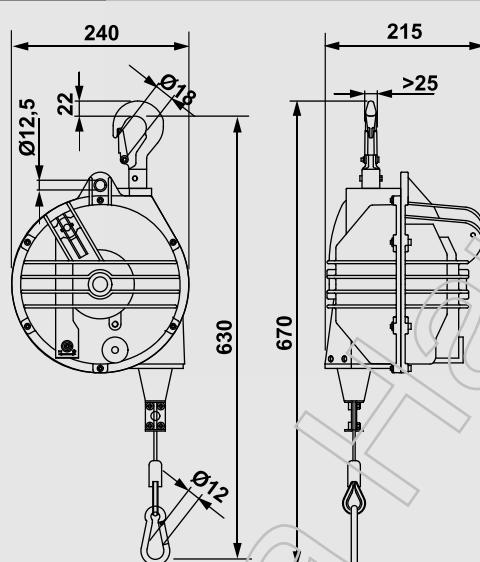
$$9370 \div 937 = 10$$



8

2000 mm

75-10  
kg



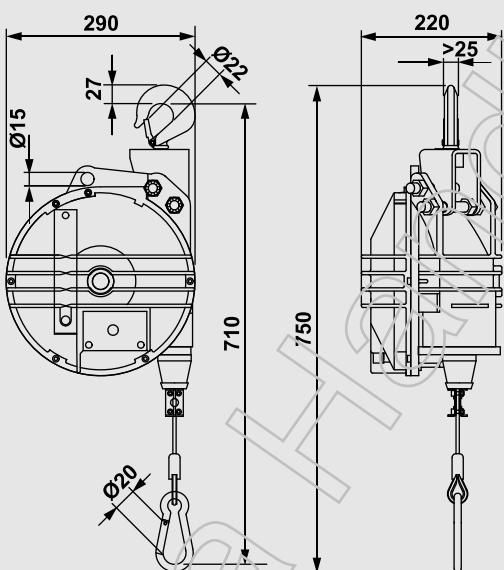
$$\begin{array}{r} 9401 \div 9405 \\ 9431 \div 9433 \end{array}$$

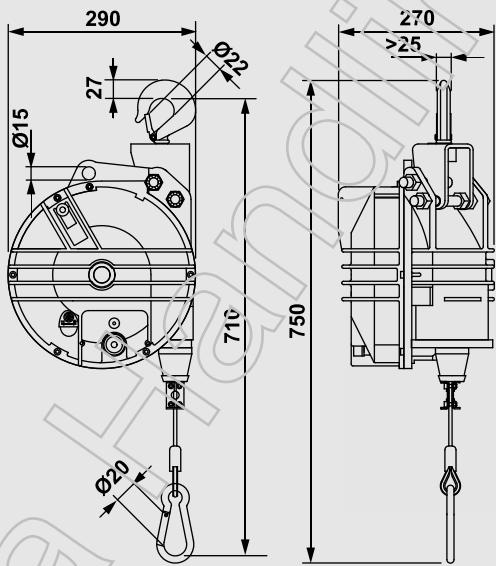


#### **OPTION B**

*Locking-unlocking device  
with control from the floor.*

## **OPTION RI**





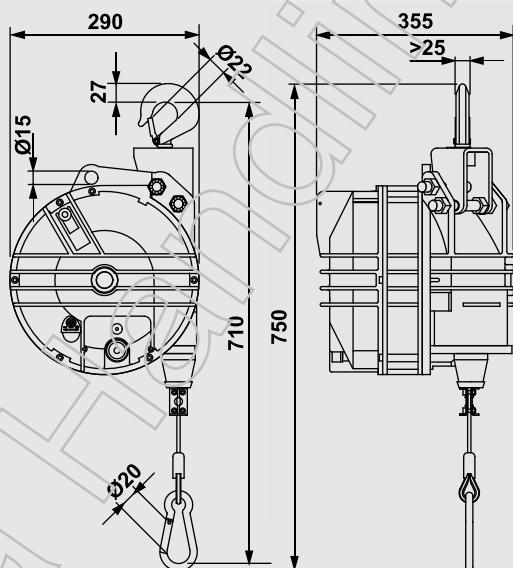
$$\begin{array}{r} 9422 \div 9426 \\ 9451 \div 9456 \end{array}$$



2500 mm  
3000 mm

$$100 \div 180$$

kg



# 9200 · 9201 · 9202 · 9203

## HOSE BALANCERS

Fitting out rational work stages.  
Applications: Screw drivers -Drills -Shearing machines -Tools  
for electronics -Air guns.

Maximum ease of use.  
Minimum overall dimensions as the tool is supported by the  
hose.  
Polyurethane hose.  
Rugged construction, cast aluminium body.  
Adjustable capacity.  
Springs properly sized to ensure long life and smooth running.  
Adjustable stroke limiting device.  
Auxiliary safety suspension.

**12**  
900 mm  
1350 mm  
0,4÷5 kg

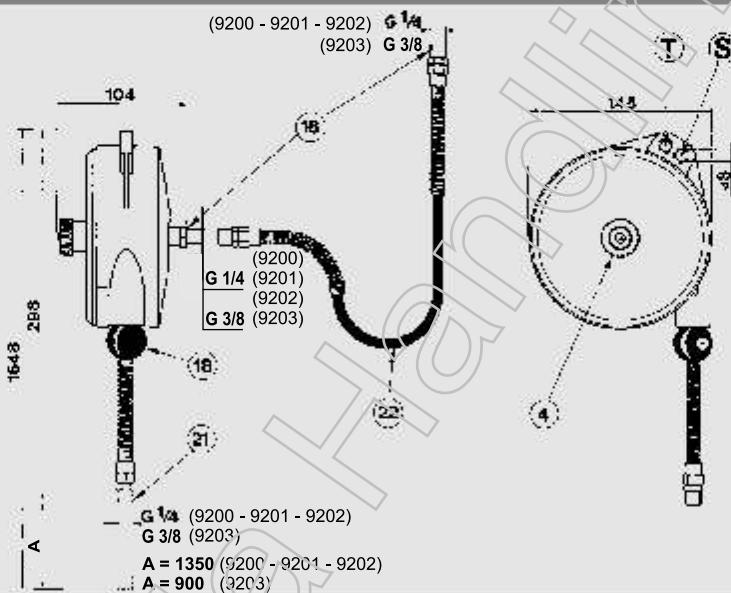


Max operating pressure:

**8 bar**

Max operating temperature:

**50°**



- T - Suspension.
- S - Safety.
- 4 - Capacity adjustment.
- 16 - Air input 1/4 gas.
- 18 - Stroke limiting clamp.
- 21 - Air output 1/4 gas.
- 22 - Flexible feed hose.

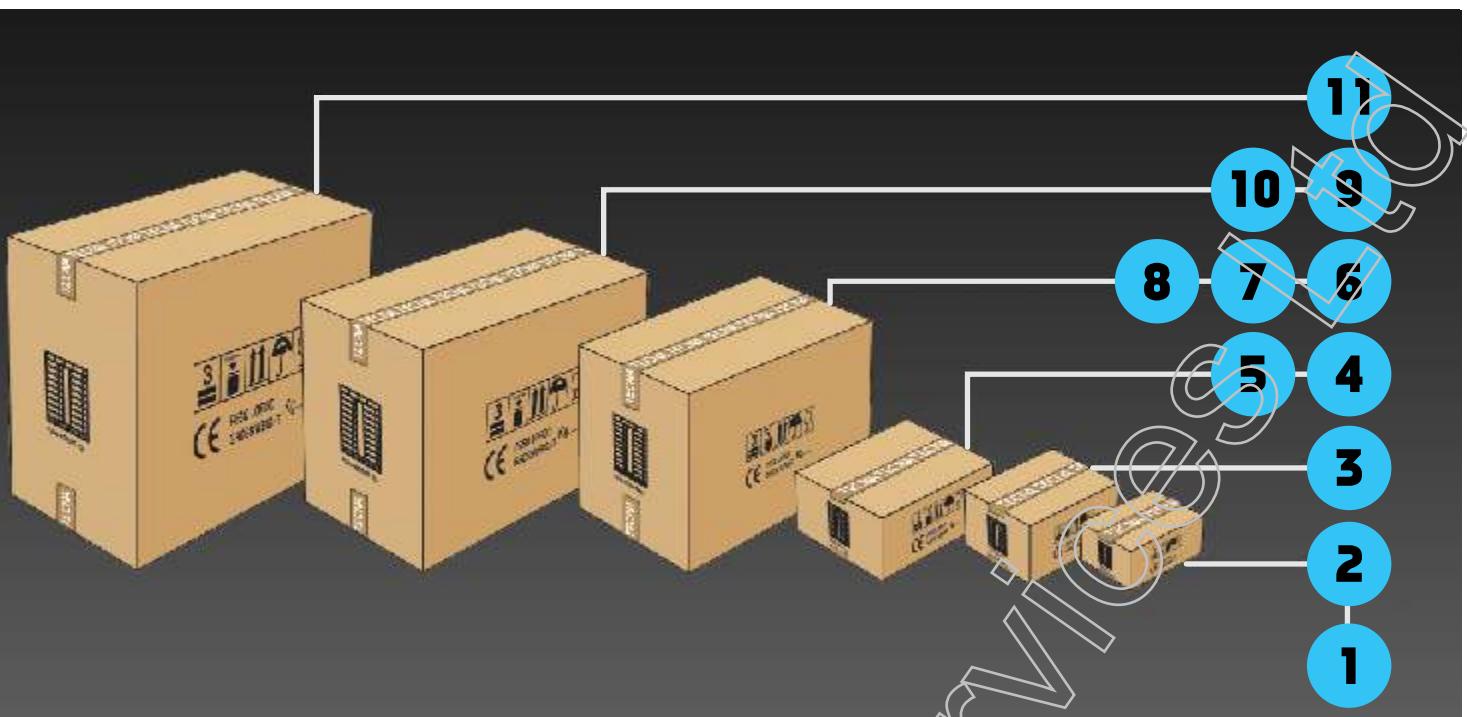
	<b>9200</b>	<b>9201</b>	<b>9202</b>	<b>9203</b>
Capacity	0,4÷0,8	0,75÷1,5	1,2÷2,5	3÷5
Weight	1,35	1,35	1,35	1,35
Stroke		1350 mm		900 mm
Hose	<b>Polyurethane</b>			
Body	<b>Aluminium</b>			

# TECHNICAL BILANCERS

	1	2	3	4	5	6	8	11	11	
kg	0,2÷3	0,4÷3	1÷8	2÷14	2÷10	4÷25	10÷105	15÷180	15÷180	Capacity
mm	1600	1600	2000	2500	2500	2000	2000	2500	3000	Stroke
	●									Rugged construction, Nylon body
		●	●	●	●	●				Rugged construction, cast aluminium body
						●	●	●	●	Ribbed and sealed monobloc construction in aluminium alloy
	●									Nylon rope
	●	●	●	●	●	●	●	●	●	Stainless steel rope
	●	●	●	●	●					Adjustable capacity
						●	●	●	●	Adjustable capacity by means of a worm screw
	●	●	●	●	●	●	●	●	●	Auxiliary safety suspension
			●	●	●	●	●	●	●	Safety device against load dropping due to the spring breakage (>3kg)
						●	●	●	●	Centrifugal safety device
						●	●	●	●	Upper rotary suspension with safety hook
						●	●	●	●	Locking device to block the load at any height
	●	●	●	●	●	●	●	●	●	Adjustable stroke limiting device
						●	●	●	●	Taper drum rotating on ball bearings
	●	●	●	●	●	●	●	●	●	Cable guide in antifriction material
						●	●	●	●	Rotary upper hook with ball bearing
							●	●	●	Lining up upper hook
							●	●	●	Visible cable for inspection
	●	●	●	●	●	●	●	●	●	Inert spring drum assembly
	●	●	●	●	●	●	●			Polyamides thimble

## ON REQUEST OPTIONS B-RI-F

				●	●	●	●	●	●	B: Locking-unlocking device with control from the floor
					●	●	●	●	●	RI: Rotary and insulating device
						●				F: Brake device



	<b>9300</b>	<b>9300I</b>	<b>9301</b>	<b>9302</b>	<b>9303</b>	<b>9311</b>	<b>9312</b>	<b>9313</b>	<b>9320</b>	<b>9321</b>	<b>9322</b>
<b>kg</b>	0,65	0,65	0,65	0,65	0,65	0,65	0,65	0,75	2,1	2,1	2,4
<b>mm</b>	160x120x60	160x120x60	160x120x60	160x120x60	160x120x60	160x120x60	160x120x60	160x120x60	200x155x90	200x155x90	200x155x90
<b>kg</b>	1	1	1	1	1	2	2	2	3	3	3
<b>kg</b>	<b>9323</b>	<b>9336</b>	<b>9337</b>	<b>9338</b>	<b>9339</b>	<b>9340</b>	<b>9346</b>	<b>9347</b>	<b>9348</b>	<b>9349</b>	<b>9350</b>
<b>kg</b>	2,6	3,05	3,35	3,65	3,85	4,15	3,15	3,45	3,75	3,95	4,25
<b>mm</b>	200x155x90	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95	260x205x95
<b>kg</b>	3	4	4	4	4	4	5	5	5	5	5
<b>kg</b>	<b>9354</b>	<b>9355</b>	<b>9356</b>	<b>9357</b>	<b>9358</b>	<b>9359</b>	<b>9361</b>	<b>9362</b>	<b>9363</b>	<b>9364</b>	<b>9365</b>
<b>kg</b>	6,5	7	7	8	7,5	8,1	12,3	12,6	13,2	13,5	13,8
<b>mm</b>	420x205x165	420x205x165	420x205x165	420x205x165	420x205x165	420x205x165	455x270x280	455x270x280	455x270x280	455x270x280	455x270x280
<b>kg</b>	6	6	6	6	6	6	7	7	7	7	7
<b>kg</b>	<b>9366</b>	<b>9367</b>	<b>9368</b>	<b>9369</b>	<b>9370</b>	<b>9371</b>	<b>9401</b>	<b>9402</b>	<b>9403</b>	<b>9404</b>	<b>9405</b>
<b>kg</b>	14,4	14,5	15,6	16,5	19	20	22,2	23	24	27,1	28,6
<b>mm</b>	455x270x280	455x270x280	455x270x280	455x270x280	455x270x280	455x270x280	600x320x330	600x320x330	600x320x330	600x320x330	600x320x330
<b>kg</b>	7	7	7	7	8	8	9	9	9	9	9
<b>kg</b>	<b>9411</b>	<b>9412</b>	<b>9413</b>	<b>9414</b>	<b>9422</b>	<b>9423</b>	<b>9424</b>	<b>9425</b>	<b>9426</b>	<b>9431</b>	<b>9432</b>
<b>kg</b>	30	31	32	32	42,5	45,6	48,3	51,8	52,8	22,3	23,1
<b>mm</b>	600x320x330	600x320x330	600x320x330	600x320x330	600x320x420	600x320x420	600x320x420	600x320x420	600x320x420	600x320x330	600x320x330
<b>kg</b>	9	9	9	9	11	11	11	11	11	9	9
<b>kg</b>	<b>9433</b>	<b>9434</b>	<b>9435</b>	<b>9436</b>	<b>9441</b>	<b>9442</b>	<b>9443</b>	<b>9444</b>	<b>9451</b>	<b>9452</b>	<b>9453</b>
<b>kg</b>	24,1	27	27,1	28,5	30,2	31,2	32,2	32,2	43,5	43,7	46,6
<b>mm</b>	600x320x330	600x320x330	600x320x330	600x320x330	600x320x330	600x320x330	600x320x330	600x320x330	600x320x420	600x320x420	600x320x420
<b>kg</b>	9	10	10	10	10	10	10	10	11	11	11
<b>kg</b>	<b>9454</b>	<b>9455</b>	<b>9456</b>	<b>9200</b>	<b>9201</b>	<b>9202</b>	<b>9203</b>				
<b>kg</b>	49,4	52,8	53,8	1,45	1,45	1,45	1,45				
<b>mm</b>	600x320x420	600x320x420	600x320x420	225x160x110	600x320x420	600x320x420	600x320x420				
<b>kg</b>	11	11	11	12	12	12	12				

TECNA S.p.A. Specifications subject to change without notice.



**12**