










art. SLV..RB +ST mod. RB...F1	art.SLV..RB +ST+PS mod. RB...F2	art.SLV..RB +ST+PFF mod. RB...F3	art.SLV..RB +CQA/L mod. RB...S1	art.SLV..RB +CFQ mod. RB...S2	art.SLV..RB +STC mod. RB...S3	art.SLV..RB +CFA/L mod. RB...S4	art.SLV..RB +STC+FR/FF mod. RB...S5	art.SLV..RB +STC+FQ/FF mod. RB...S6
								
Pag. 28	Pag. 29	Pag. 30	Pag. 31	Pag. 32	Pag. 33	Pag. 34	Pag. 35	Pag. 36
+++	+++	+++	+++	+++	+++	+++	+++	+++
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
X	X	X	+++	X	X	X	X	X
++	++	++	++	++	++	++	++	++
+++	+++	+++	+	+++	+++	+++	+++	+++
+++	+++	+++ (only against plate)	+++	-	+++	+++ (ring only)	+++ (only against plate)	+++ (only against plate)
-	-	-	-	+++	-	-	-	-
-	-	+++	-	-	-	+++	+++	+++
+++	+++	+++	+++	+++	+++	+++	+++	+++
-	-	-	-	-	-	-	-	-
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+++	+++	+	++	++	+++	+++	++	++
+++	+++	+++	+++	+++	+++	+++ (welded ring only)	+++	+++
+++	+++	+++	+++	+++	+++	+++	+++	+++
VERY GOOD	GOOD	LOW	EXTREMELY GOOD	VERY GOOD	GOOD	EXTREMELY GOOD	MEDIUM	MEDIUM

"RB" SERIES STABILISERS from TR20 to TR60  
- 3 models for fitting to the side of machinery.



"RB" SERIES STABILISERS from TR20 to TR60  
- 6 models for fitting under machinery.



art.SLV...RB+ST

mod.RB...F1

Specific heavy usage

### “RB” series levelling Stabiliser 20/60

For welding on side of machine - **adjustment from below.**

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

#### Comprising:

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Tubular support closed at 45°.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- (optional) Round nosed pin wrench.

**Fitting** to the machine by a minimum welding section of 5 mm on two sides of the iron (Fe) tube in. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

#### Symbols:

**FS** = Threaded holes on both sides of the tube for removing the stop pin and for lubrication, normally closed with caps.

Load pressure - for use exclusively in compression



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

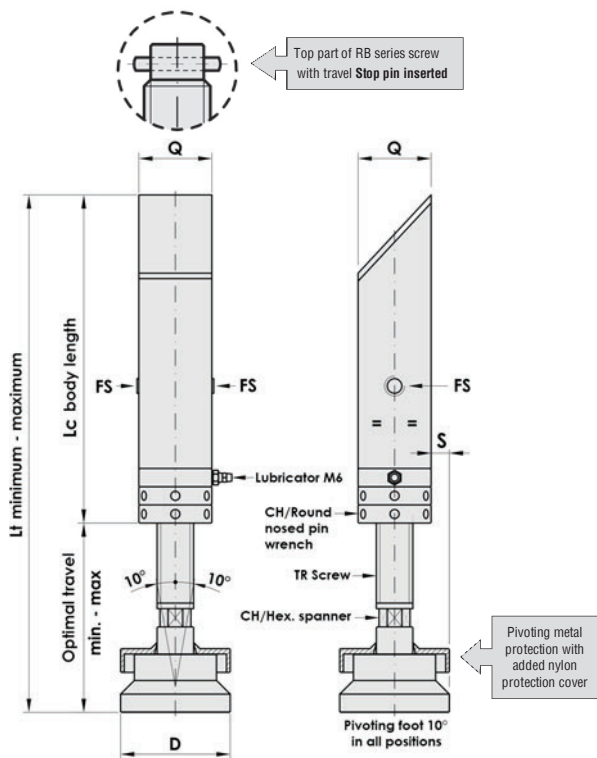
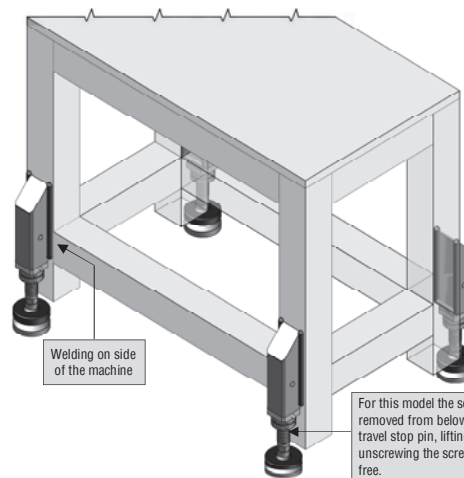


Illustration of a machine base using levelling Stabilisers  
art.SLV...RB+ST mod.RB...F1



- The stabilisers are positioned on the front and back as in the illustration or alternatively on the left and right sides of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LT. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	Q	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			minimum	maximum	# minimum	maximum								
TR 20x4	2RB0020	SLV20 RB+ST	260	290	80	110	180	40	60	10	17	40/42	5.000	1,780
TR 25x5	2RB0025	SLV25 RB+ST	289	319	90	120	199	45	65	10	22	45/50	8.000	2,480
TR 30x6	2RB0030	SLV30 RB+ST	313	343	100	130	213	50	70	10	24	45/50	11.000	3,274
TR 35x6	2RB0035	SLV35 RB+ST	367	397	110	140	257	60	75	7,5	30	58/62	17.000	5,050
TR 40x7	2RB0040	SLV40 RB+ST	376	416	115	155	261	60	80	10	32	58/62	20.000	5,610
TR 45x8	2RB0045	SLV45 RB+ST	423	463	120	160	303	70	85	7,5	36	68/75	28.000	8,500
TR 50x8	2RB0050	SLV50 RB+ST	490	530	130	170	360	80	90	5	41	68/75	37.000	12,310
TR 55x9	2RB0055	SLV55 RB+ST	518	578	140	200	378	90	100	5	46	80/90	45.000	15,600
TR 60x9	2RB0060	SLV60 RB+ST	518	578	140	200	378	90	100	5	46	80/90	56.000	16,440

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art.SLV...RB+ST+PS mod.RB...F2 Specific heavy usage

**“RB” series levelling Stabiliser 20/60**

With spacer plate for welding to the side of the machine.

**Adjustment from below.**

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

**Comprising:**

- Trapezoidal screw (TR20/60) with pivot foot and protective cover
- 2 Locking rings GH/TR.
- Tubular support closed at 45° with welded plate/spacer.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- (optional) Round nosed pin wrench.

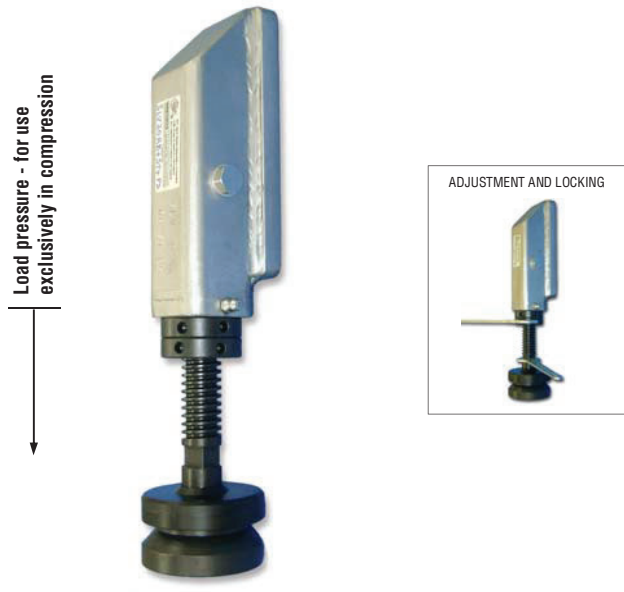
**Fitting** to the machine by a minimum welding section of 5 mm around the perimeter of the iron (fe) plate/spacer. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

**Symbols:**

**FS** = Threaded holes on both sides of the tube for removing the stop pin and for lubrication, normally closed with caps.



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

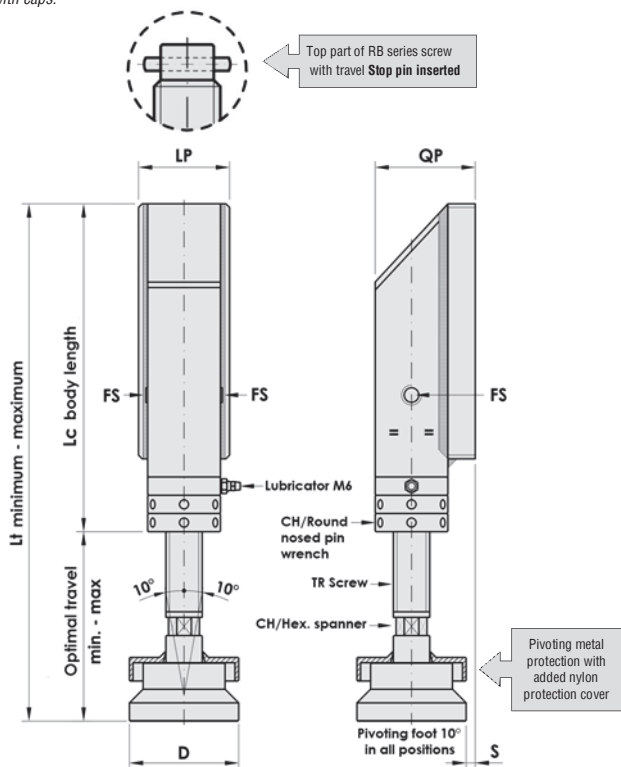
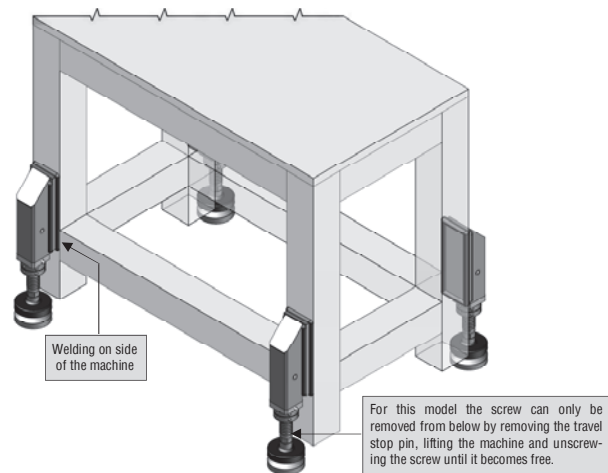


Illustration of a machine base using levelling Stabilisers art.SLV...RB+ST+PS mod.RB...F2



- The stabilisers are positioned on the front and back as in the illustration or alternatively on the left and right sides of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LT. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	LP	QP	D	S PLATE PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			minimum	maximum	# minimum	maximum									
TR 20x4	2RB0120	SLV20 RB+ST+PS	260	290	80	110	180	50	52	60	2	17	40/42	5.000	2,450
TR 25x5	2RB0125	SLV25 RB+ST+PS	289	319	90	120	199	60	57	65	2	22	45/50	8.000	3,320
TR 30x6	2RB0130	SLV30 RB+ST+PS	313	343	100	130	213	60	62	70	2	24	45/50	11.000	4,110
TR 35x6	2RB0135	SLV35 RB+ST+PS	367	397	110	140	257	70	72	75	4,5	30	58/62	17.000	6,270
TR 40x7	2RB0140	SLV40 RB+ST+PS	376	416	115	155	261	70	72	80	2	32	58/62	20.000	6,840
TR 45x8	2RB0145	SLV45 RB+ST+PS	423	463	120	160	303	80	82	85	4,5	36	68/75	28.000	10,080
TR 50x8	2RB0150	SLV50 RB+ST+PS	490	530	130	170	360	100	92	90	7	41	68/75	37.000	14,860
TR 55x9	2RB0155	SLV55 RB+ST+PS	518	578	140	200	378	120	105	100	10	46	80/90	45.000	19,340
TR 60x9	2RB0160	SLV60 RB+ST+PS	518	578	140	200	378	120	105	100	10	46	80/90	56.000	20,250

art.SLV...RB+ST+PFF

mod.RB...F3

Specific heavy usage

**“RB” series levelling Stabiliser 20/60**

With threaded plate for welding, or directly bolting, to the side of the machine. **Adjustment from below.**

The Stabiliser can be removed without having to lift the machine.

**Comprising:**

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Tubular support closed at 45° with slotted Plate **S1**. Threaded Plate **S2**.
- CFQ nut inserted in tubular support, interchangeable by simply unwelding.
- Fitting bolts and holding pins.
- (optional) Round nosed pin wrench.

**Fitting** to the machine by a minimum welding section of 5 mm ▲ to threaded iron (Fe) plate **S2** or alternatively fitting the slotted plate **S1** directly on the base of the machine. Possibility of removing the Stabiliser by undoing the fitting bolts and holding pins. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

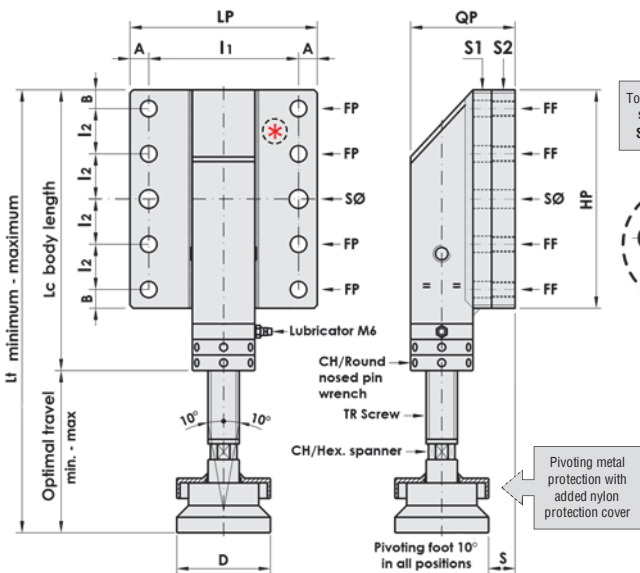
**Symbols:**

**FS** = Threaded holes on both sides of the tube for removing the stop pin and for lubrication, normally closed with caps.

**S1** = Plate with through holes **FF**

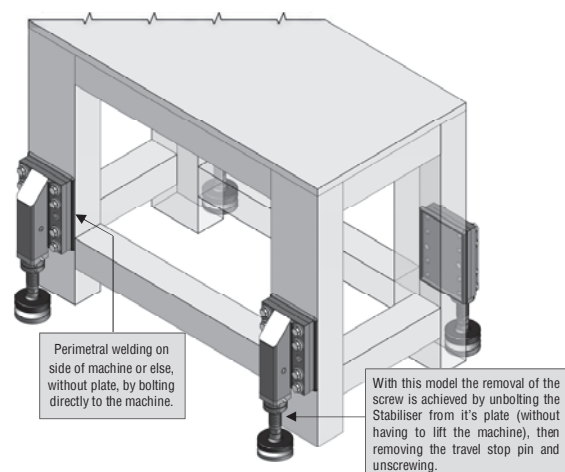
**S2** = Plate with threaded holes **FF** (plate excludable at client's request)

The **S1** and **S2** plates are marked by us as pairs to help the user during installation or maintenance.



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

Illustration of a machine base using levelling Stabilisers art.SLV...RB+ST+PFF mod.RB...F3



- The stabilisers are positioned on the front and back as in the illustration or alternatively on the left and right sides of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

If not using the threaded plate S2 the “S” quota remains positive and therefore the pivot foot will not come into contact with the side of the machine.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. **Bimeccanica** is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LI. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	HP	LP	QP	A	B	I1	I2	FP N.4	FF N.4	SØ N.2	CH HEX.	CH WRENCH	D	S PLATE PROJECTION	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			min.	max	# min.	max.																	
TR 20x4	2RB0220	SLV20 RB+ST+PFF	260	290	80	110	180	140	100	67	12	12	76	29	Ø10,5	M10	12	17	40/42	60	17	5.000	4,760
TR 25x5	2RB0225	SLV25 RB+ST+PFF	289	319	90	120	199	150	120	72	15	15	90	30	Ø13	M12	12	22	45/50	65	17	8.000	6,230
TR 30x6	2RB0230	SLV30 RB+ST+PFF	313	343	100	130	213	150	120	77	15	15	90	30	Ø13	M12	12	24	45/50	70	17	11.000	7,104
TR 35x6	2RB0235	SLV35 RB+ST+PFF	367	397	110	140	257	185	150	87	20	22,5	110	35	Ø15	M14	16	30	58/62	75	19,5	17.000	10,840
TR 40x7	2RB0240	SLV40 RB+ST+PFF	376	416	115	155	261	185	150	87	20	22,5	110	35	Ø15	M14	16	32	58/62	80	17	20.000	11,350
TR 45x8	2RB0245	SLV45 RB+ST+PFF	423	463	120	160	303	220	150	102	17,5	20	115	45	Ø17	M16	16	36	68/75	85	24,5	28.000	16,420
TR 50x8	2RB0250	SLV50 RB+ST+PFF	490	530	130	170	360	270	150	112	17,5	21	115	57	Ø17	M16	16	41	68/75	90	27	37.000	22,120
TR 55x9	2RB0255	SLV55 RB+ST+PFF	518	578	140	200	378	280	200	125	25	26	150	57	Ø19	M18	20	46	80/90	100	30	45.000	30,400
TR 60x9	2RB0260	SLV60 RB+ST+PFF	518	578	140	200	378	280	200	125	25	26	150	57	Ø19	M18	20	46	80/90	100	30	56.000	31,700

art.SLV...RB+CQA/L

mod.RB...S1

Specific usage

**“RB” series levelling Stabiliser 20/60**

Fitting by perimetral welding of the nut under the machine, **Adjustment from below.**

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

**Comprising:**

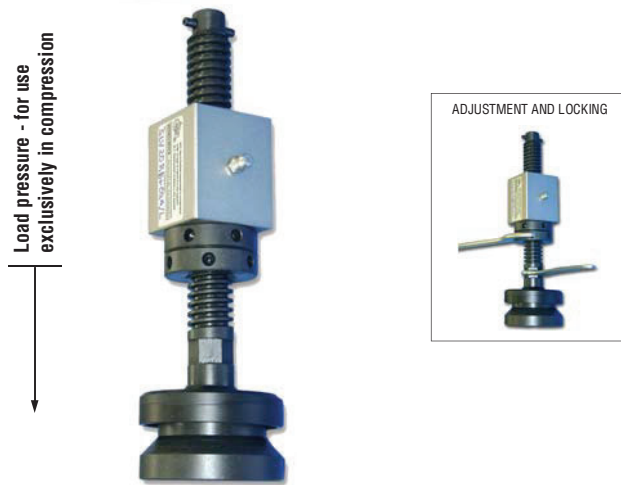
- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- Protective cover on foot.
- 2 Locking rings GH/TR.
- CQA/L nut with grease nipple.
- (optional) Round nosed pin wrench.

**Fitting** under the machine base with top of screw inserted in a hole (of “dØ” like the following **mod.RB S2**) and welding the nut perimeter to the machine with a minimum welding section of 5 mm using specific *Castolin “EC 4080”* electrodes, available from us. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

The **maximum static load** is not shown on the data table in that fitting this **product by welding between the machine base and nut is not suitable for particularly heavy loads because, if overloaded, the welding may come apart.**

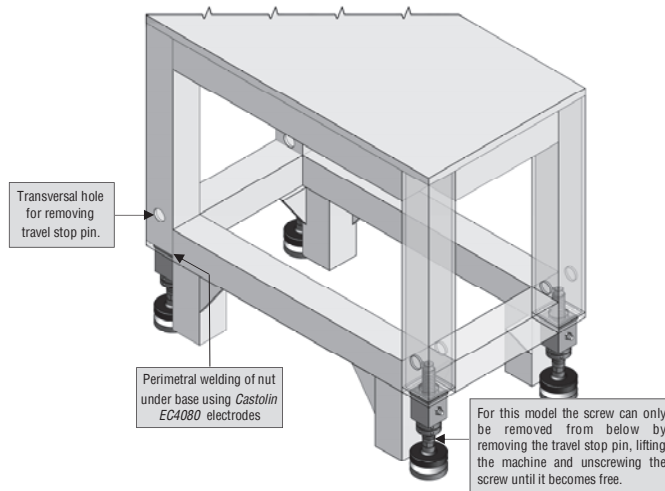
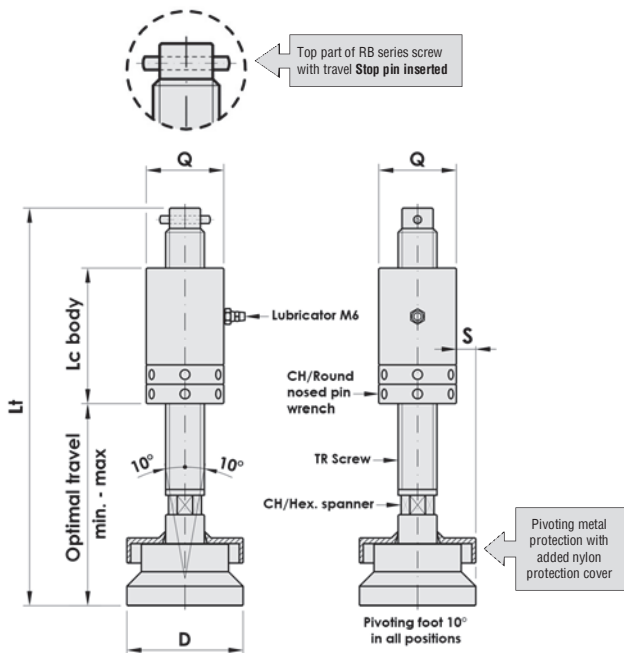
For similar applications, but having heavier loads to support in safety, we recommend the Stabilisers detailed on the following pages.

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

Illustration of a machine base using levelling Stabilisers  
art.SLV...RB+CQA/L mod.RB...S1



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	Lt	OPTIMAL TRAVEL		LC	Q	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
				# minimum	maximum								
TR 20x4	2RB0320	SLV20 RB+CQA/L	206	80	110	80	40	60	10	17	40/42	*	1,460
TR 25x5	2RB0325	SLV25 RB+CQA/L	226	90	120	89	45	65	10	22	45/50	*	2,080
TR 30x6	2RB0330	SLV30 RB+CQA/L	236	100	130	98	50	70	10	24	45/50	*	2,790
TR 35x6	2RB0335	SLV35 RB+CQA/L	281	110	140	112	60	75	7,5	30	58/62	*	4,420
TR 40x7	2RB0340	SLV40 RB+CQA/L	290	115	155	116	60	80	10	32	58/62	*	4,970
TR 45x8	2RB0345	SLV45 RB+CQA/L	328	120	160	140	65	85	10	36	68/75	*	6,710
TR 50x8	2RB0350	SLV50 RB+CQA/L	375	130	170	150	75	90	7,5	41	68/75	*	9,640
TR 55x9	2RB0355	SLV55 RB+CQA/L	401	140	200	168	85	100	7,5	46	80/90	*	12,810
TR 60x9	2RB0360	SLV60 RB+CQA/L	401	140	200	168	85	100	7,5	46	80/90	*	13,680

art.SLV...RB+CFQ

mod.RB...S2

Specific usage

**“RB” series levelling Stabiliser 20/60**

Fitting by perimetral welding of the nut under the machine after inserting in hole “dØ”, **adjustment from below.**

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

**Comprising:**

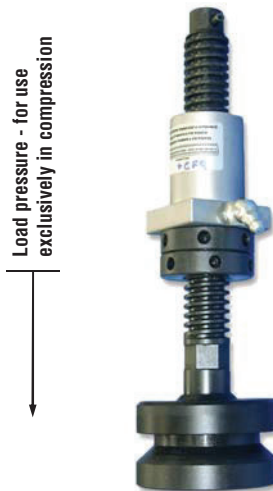
- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- CFQ square nut with flange and cylindrical body particularly suited for direct insertion into the machine base.
- (optional) Round nosed pin wrench.

**Fitting** by inserting the cylindrical body directly into your base with hole of “dØ”, or in a support with light welding of the nut to the base in that the load is supported by the flange. Possibility of changing the nut by simply un-welding it. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

With models **45/50/55/60** the body of the nut is usually milled square with a step to support the load but on request can be supplied machined cylindrical like the smaller versions.

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).



Load pressure - for use exclusively in compression

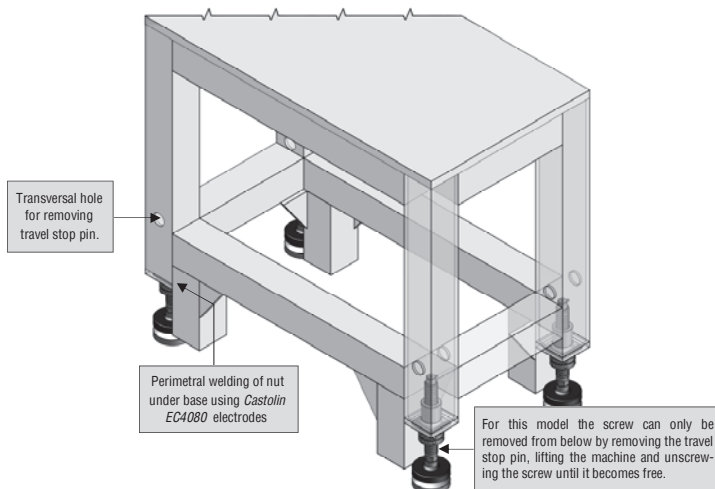
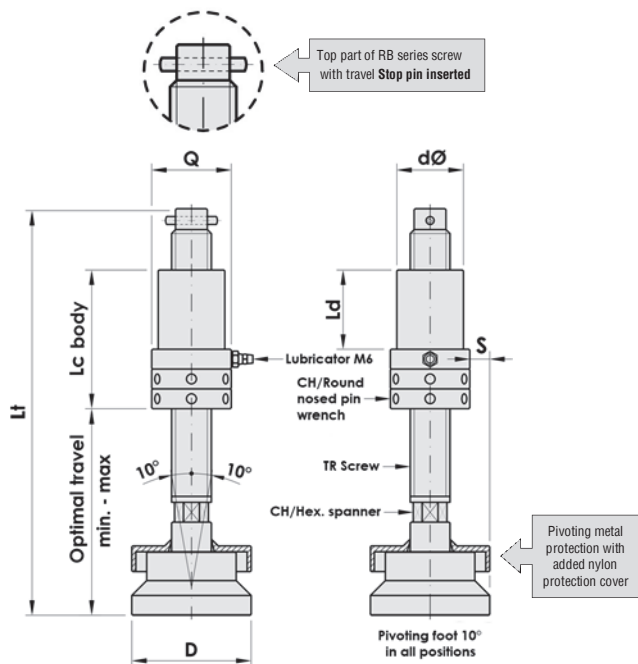


ADJUSTMENT AND LOCKING

CFQ NUT WITH **CYLINDRICAL BODY** OR SQUARE FROM TR45 ONWARDS.

Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

Illustration of a machine base using levelling Stabilisers  
art.SLV...RB+CFQ mod.RB...S2



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	Lt	OPTIMAL TRAVEL		LC	Q	Ld	dØ	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
				# minimum	maximum										
TR 20x4	2RB0420	SLV20 RB+CFQ	206	80	110	70	40	40	Ø32	60	10	17	40/42	5.000	1,200
TR 25x5	2RB0425	SLV25 RB+CFQ	226	90	120	79	45	40	Ø37	65	10	22	45/50	8.000	1,760
TR 30x6	2RB0430	SLV30 RB+CFQ	236	100	130	88	50	40	Ø42	70	10	24	45/50	11.000	2,454
TR 35x6	2RB0435	SLV35 RB+CFQ	281	110	140	102	60	50	Ø52	75	7,5	30	58/62	17.000	3,830
TR 40x7	2RB0440	SLV40 RB+CFQ	290	115	155	106	60	50	Ø52	80	10	32	58/62	20.000	4,380
TR 45x8	2RB0445	SLV45 RB+CFQ	328	120	160	128	65	60	□ 60	85	10	36	68/75	28.000	6,230
TR 50x8	2RB0450	SLV50 RB+CFQ	375	130	170	138	75	65	□ 70	90	7,5	41	68/75	37.000	9,150
TR 55x9	2RB0455	SLV55 RB+CFQ	401	140	200	156	85	75	□ 80	100	7,5	46	80/90	45.000	12,130
TR 60x9	2RB0460	SLV60 RB+CFQ	401	140	200	156	85	75	□ 80	100	7,5	46	80/90	56.000	13,020



art.SLV...RB+STC

mod.RB...S3

Specific usage

**“RB” series levelling Stabiliser 20/60**

Fitting by perimetral welding of the nut under the machine, **adjustment from below**.

The trapezoidal screw can be removed from below by removing the top stop pin, then lifting the machinery and finally unscrewing the entire length of the screw from below.

**Comprising:**

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Short tubular support.
- CFQ nut inserted in tubular support, interchangeable by simply unwelding.
- (optional) Round nosed pin wrench.

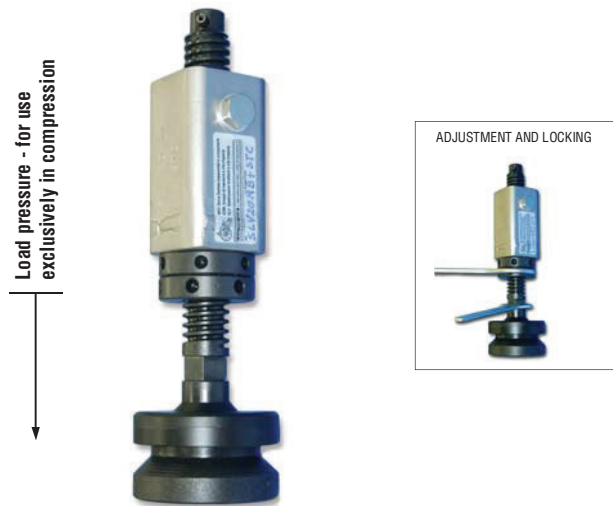
**Fitting** by making a hole of “dØ” in the base and welding a minimum section of 5 mm around the perimeter of the iron (Fe) tube with 4 reinforcing triangles to the tube itself. Possibility of changing the nut by simply unwelding it. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

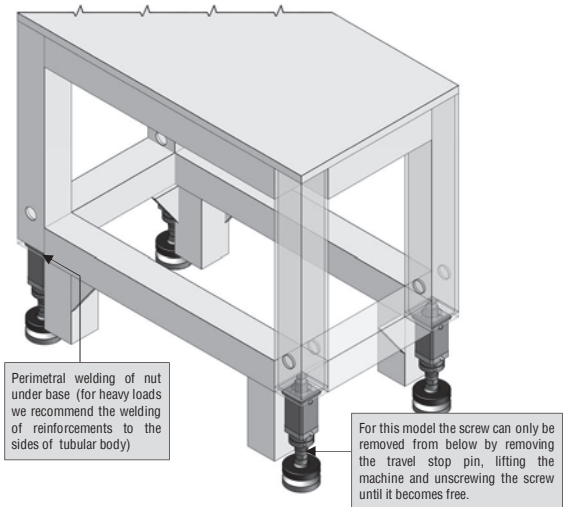
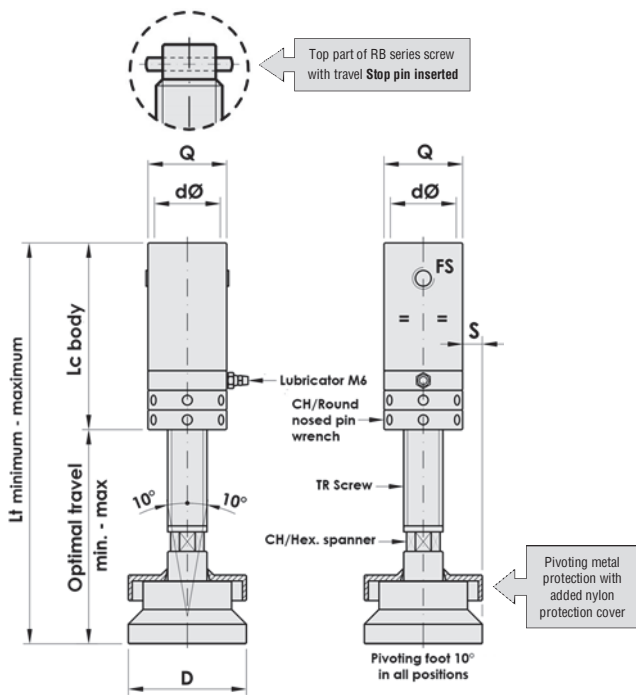
**Symbols:**

FS = Threaded holes on both sides of the tube for removing the stop pin and for lubrication, normally closed with caps.



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

Illustration of a machine base using levelling Stabilisers art.SLV...RB+STC mod.RB...S3



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LT. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	Q	dØ	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			minimum	maximum	# minimum	maximum									
TR 20x4	2RB0520	SLV20 RB+STC	175	205	80	110	95	40	Ø32	60	10	17	40/42	5.000	1,470
TR 25x5	2RB0525	SLV25 RB+STC	194	224	90	120	104	45	Ø37	65	10	22	45/50	8.000	2,070
TR 30x6	2RB0530	SLV30 RB+STC	213	243	100	130	113	50	Ø42	70	10	24	45/50	11.000	2,800
TR 35x6	2RB0535	SLV35 RB+STC	242	272	110	140	132	60	Ø52	75	7,5	30	58/62	17.000	4,360
TR 40x7	2RB0540	SLV40 RB+STC	251	291	115	155	136	60	Ø52	80	10	32	58/62	20.000	4,910
TR 45x8	2RB0545	SLV45 RB+STC	288	328	120	160	168	65	□ 60	85	7,5	36	68/75	28.000	7,200
TR 50x8	2RB0550	SLV50 RB+STC	313	353	130	170	183	75	□ 70	90	5	41	68/75	37.000	10,390
TR 55x9	2RB0555	SLV55 RB+STC	341	401	140	200	201	85	□ 80	100	5	46	80/90	45.000	13,660
TR 60x9	2RB0560	SLV60 RB+STC	341	401	140	200	201	85	□ 80	100	5	46	80/90	56.000	14,550

art.SLV...RB+CFA/L

mod.RB...S4

Specific usage

### "RB" series levelling Stabiliser 20/60

With steel flange nut fitted to a ring by Hex. socket screws (the ring can be welded to the machine base). The Stabiliser requires a hole of "dØ" (+0,5/+1,0), **adjustment from below**.

The trapezoidal screw can be removed by undoing the hex. socket screws from the nut and lifting the machinery sufficiently to allow it's extraction.

#### Comprising:

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- CFA/L nitrided steel flange nut with lubricator.
- Iron (Fe) Ring weldable to the machine base for fitting the nut using the hex. socket screws. It is possible to exclude the ring and screw directly into threaded holes in the machine base.
- (optional) Round nosed pin wrench.

**Fitting** by welding the iron (Fe) Ring to the base after having first made a hole of "dØ". CFA/L nut component of Stabiliser is then inserted into the welded Ring and fixed by bolting the hex. socket screws into the threaded holes already existing on the Ring, or alternatively, as previously mentioned, bolting directly to the base without using the welded Ring.

Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).



Load pressure - for use exclusively in compression



Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

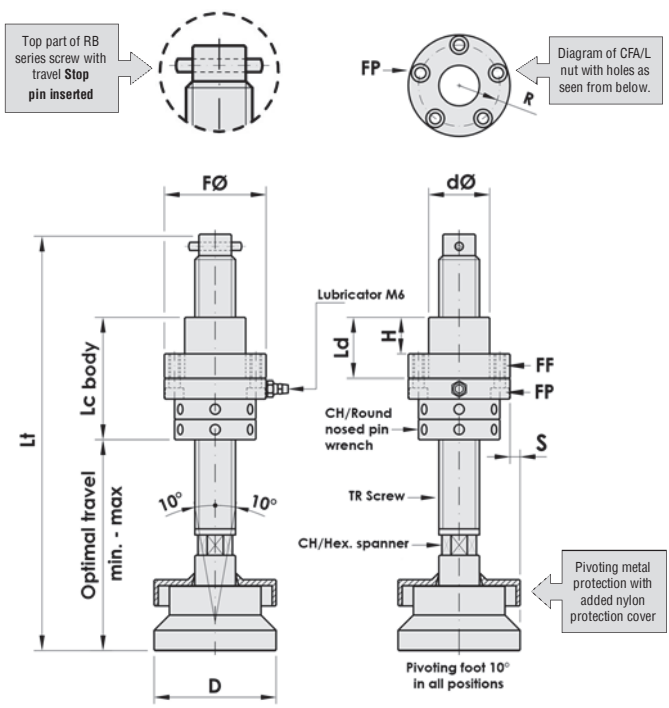
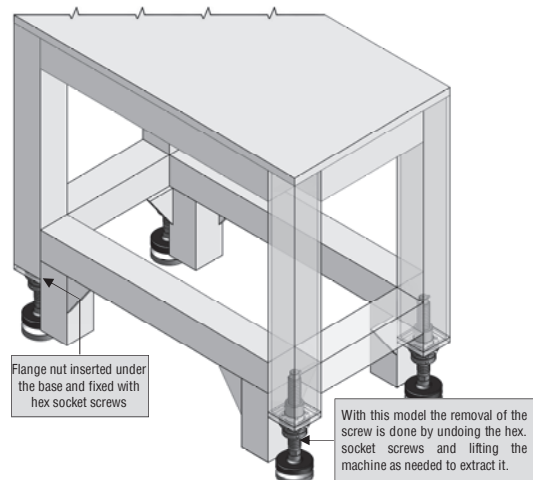


Illustration of a machine base using levelling Stabilisers  
art.SLV...RB+CFA/L mod.RB...S4



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.

**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of "4", the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	Lt	OPTIMAL TRAVEL		LC	Ld	H	FØ	dØ	R	FP N°/Ø	FF	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
				# minimum	maximum														
TR 20x4	2RB0620	SLV20 RB+CFQ	206	80	110	60	30	15	50	30	20	5x5,5	M5	60	5	17	40/42	5.000	1,320
TR 25x5	2RB0625	SLV25 RB+CFQ	226	90	120	69	33	13	60	35	24	5x6,5	M6	65	2,5	22	45/50	8.000	2,030
TR 30x6	2RB0630	SLV30 RB+CFQ	236	100	130	78	38	18	65	40	26,5	5x6,5	M6	70	2,5	24	45/50	11.000	2,664
TR 35x6	2RB0635	SLV35 RB+CFQ	281	110	140	92	48	28	75	50	31,5	6x6,5	M6	75	0	30	58/62	17.000	4,040
TR 40x7	2RB0640	SLV40 RB+CFQ	290	115	155	101	53	33	80	55	34	6x6,5	M6	80	0	32	58/62	20.000	4,910
TR 45x8	2RB0645	SLV45 RB+CFQ	328	120	160	128	68	48	85	60	36,5	8x6,5	M6	85	0	36	68/75	28.000	6,540
TR 50x8	2RB0650	SLV50 RB+CFQ	375	130	170	128	68	48	90	65	39	8x6,5	M6	90	0	41	68/75	37.000	8,630
TR 55x9	2RB0655	SLV55 RB+CFQ	401	140	200	151	80	55	100	70	42,5	6x8,5	M8	100	0	46	80/90	45.000	11,320
TR 60x9	2RB0660	SLV60 RB+CFQ	401	140	200	151	80	55	105	75	45	6x8,5	M8	100	-2,5	46	80/90	56.000	12,680

art.SLV...RB+STC+FR/FF

mod.RB...S5

Specific usage

**“RB” series levelling Stabiliser 20/60**

With rectangular threaded plate for welding under the machine base and then bolting the stabiliser to it or alternatively by bolting the Stabiliser directly to the machine, **adjustment from below**.

The Stabiliser can be removed by undoing the fitting bolts and lifting the machine sufficiently to allow its extraction.

**Comprising:**

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Short tubular support with holed plate **S1**. Threaded plate **S2**.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- Fitting bolts.
- (optional) Round nosed pin wrench.

**Fitting** by making a hole (of “dØ”) as in the previous **mod.RB S4**) welding a minimum section of 5 mm of the threaded iron (Fe) plate **S2** to the base or alternatively bolting plate **S1** directly to the machine base. Possibility of removing the Stabiliser by undoing the fitting bolts. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

**Symbols:**

**S1** = Plate with through holes **FP**

**S2** = Plate with threaded holes **FF** (plate excludable at client’s request)

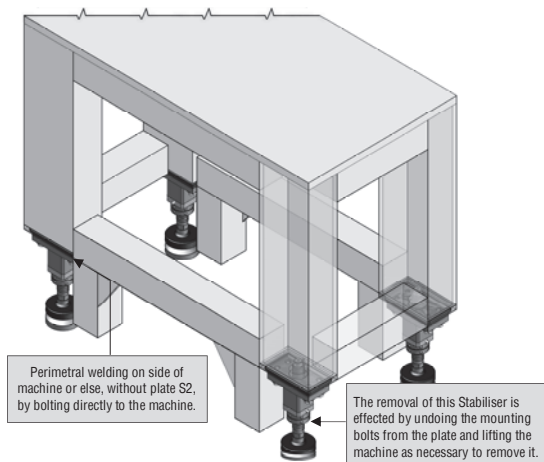
Load pressure - for use exclusively in compression



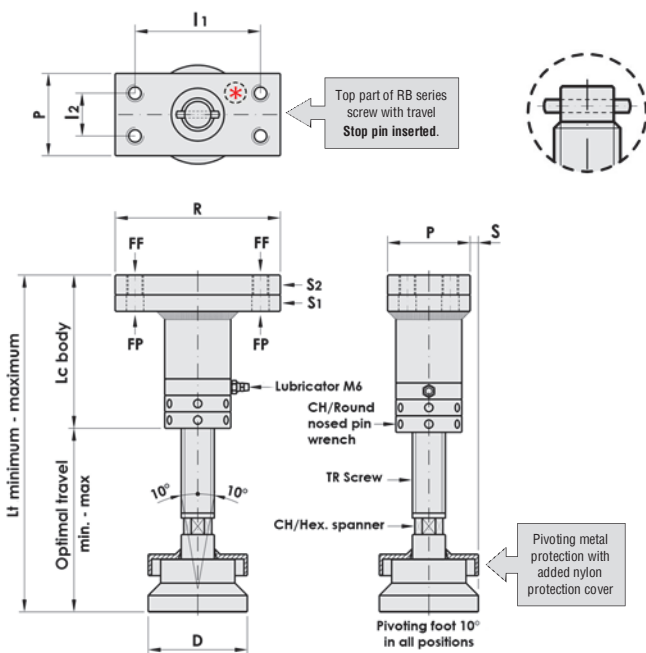
Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

The **S1** and **S2** plates are marked by us as pairs to help the user during installation or maintenance.

Illustration of a machine base using levelling Stabilisers  
art.SLV...RB+STC+FR/FF mod.RB...S5



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.



**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LL. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	R	P	I1	I2	FP N.4	FF N.4	D	S FOOT PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			min.	max.	# min.	max.													
TR 20x4	2RB0720	SLV20 RB+STC+FR/PFF	173	203	80	110	93	100	50	76	26	Ø10,5	M10	60	5	17	40/42	5.000	2,180
TR 25x5	2RB0725	SLV25 RB+STC+FR/PFF	192	222	90	120	102	120	60	96	36	Ø10,5	M10	65	2,5	22	45/50	8.000	3,090
TR 30x6	2RB0730	SLV30 RB+STC+FR/PFF	211	241	100	130	111	120	60	96	36	Ø10,5	M10	70	5	24	45/50	11.000	3,734
TR 35x6	2RB0735	SLV35 RB+STC+FR/PFF	240	270	110	140	130	150	80	120	50	Ø13	M12	75	-2,5	30	58/62	17.000	6,420
TR 40x7	2RB0740	SLV40 RB+STC+FR/PFF	249	289	115	155	134	150	80	120	50	Ø13	M12	80	0	32	58/62	20.000	6,880
TR 45x8	2RB0745	SLV45 RB+STC+FR/PFF	276	316	120	160	156	150	80	120	50	Ø15	M14	85	2,5	36	68/75	28.000	9,030
TR 50x8	2RB0750	SLV50 RB+STC+FR/PFF	296	336	130	170	166	170	100	135	65	Ø15	M14	90	-5	41	68/75	37.000	12,800
TR 55x9	2RB0755	SLV55 RB+STC+FR/PFF	332	392	140	200	192	200	100	160	80	Ø17	M16	100	0	46	80/90	45.000	18,360
TR 60x9	2RB0760	SLV60 RB+STC+FR/PFF	332	392	140	200	192	200	120	160	80	Ø17	M16	100	0	46	80/90	56.000	19,190

art.SLV...RB+STC+FQ/FF

mod.RB...S6

Specific usage

**“RB” series levelling Stabiliser 20/60**

With square threaded plate for welding under the machine base and then bolting the stabiliser to it or alternatively by bolting the Stabiliser directly to the machine, **adjustment from below**.

The Stabiliser can be removed by undoing the fitting bolts and lifting the machine sufficiently to allow its extraction.

**Comprising:**

- Trapezoidal screw (TR20/60) with pivot foot and protective cover.
- 2 Locking rings GH/TR.
- Short tubular support with holed plate **S1**. Threaded plate **S2**.
- CFQ nut inserted in tubular support, interchangeable by simply un-welding.
- Fitting bolts.
- (optional) Round nosed pin wrench.

**Fitting** by making a hole (of “dØ” as in the previous **mod.RB S4**) welding a minimum section of 5 mm of the threaded iron (Fe) plate **S2** to the base or alternatively bolting plate **S1** directly to the machine base. Possibility of removing the Stabiliser by undoing the fitting bolts. Normally the Stabiliser is fitted on the machine base with the foot on the ground, **with the screw travel at minimum # described in the table** in order to have the maximum range of travel adjustment.

**The maximum static load** in the data table is without safety coefficient and therefore for correct use keep to machinery regulations which provide for a **coefficient of 4** (see indications below).

In the interests of safety all the **RB series screws** have a travel stop pin at the top that prevents the screw from coming out if the maximum travel distance is exceeded (see diagram below).

**Symbols:**

**S1** = Plate with through holes **FP**

**S2** = Plate with threaded holes **FF** (plate excludable at client's request)

Load pressure - for use exclusively in compression

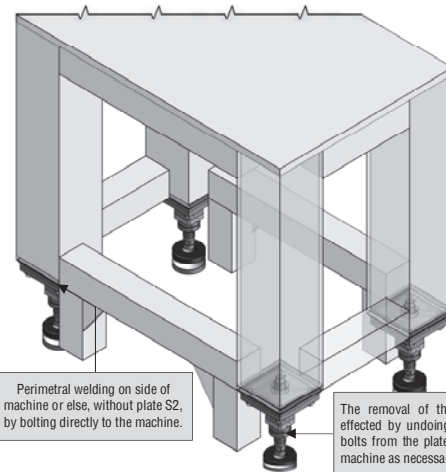


Article suitable for outdoor applications with exposure to the elements, or in excessively humid environments, but after fitting the Stabiliser tube should be protected by painting and the thread thoroughly smeared with marine grease, especially on the thread and pivot foot joint (by lifting the nylon cover and then replacing it after greasing).

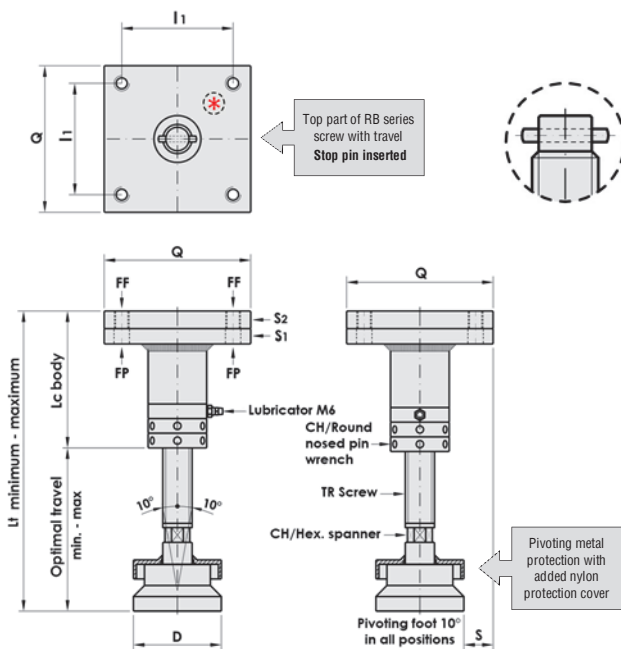


The **S1** and **S2** plates are marked by us as pairs to help the user during installation or maintenance.

Illustration of a machine base using levelling Stabilisers art.SLV..RB+STC+FQ/FF mod.RB...S6



- The stabilisers are positioned on the left and right sides as in the illustration or alternatively on the front and back of the base.
- If more stable positioning is required on the floor we recommend adding **non-slip base plates** (page. 39).
- In situations where there is a risk of the machine tipping the fitting of **Anti-tip brackets** (pages. 40 - 41) is crucial.



**IMPORTANT:** respecting machinery norms for the above mentioned coefficient of “4”, the weight of the machinery must not exceed the Maximum Load in the table of a single Stabiliser using 4 Stabilisers on the corners. *Bimeccanica* is not responsible for the structural fitting to the machine conducted by the user.

TRAPEZOIDAL SCREW	CODE	ARTICLE	LL. TRAVEL LENGTH		OPTIMAL TRAVEL		LC	Q	I <sub>1</sub>	FP N.4	FF N.4	D	S PLATE PROJECTION	CH HEX.	CH WRENCH	STATIC LOAD LIMIT MAX Kg	WEIGHT Kg
			min.	max.	# min.	max											
TR 20x4	2RB0820	SLV20 RB+STC+FQ/PFF	173	203	80	110	93	100	76	Ø10,5	M10	60	20	17	40/42	5.000	3,040
TR 25x5	2RB0825	SLV25 RB+STC+FQ/PFF	192	222	90	120	102	100	76	Ø10,5	M10	65	17,5	22	45/50	8.000	3,610
TR 30x6	2RB0830	SLV30 RB+STC+FQ/PFF	211	241	100	130	111	100	76	Ø10,5	M10	70	15	24	45/50	11.000	4,240
TR 35x6	2RB0835	SLV35 RB+STC+FQ/PFF	240	270	110	140	130	120	90	Ø13	M12	75	22,5	30	58/62	17.000	6,910
TR 40x7	2RB0840	SLV40 RB+STC+FQ/PFF	249	289	115	155	134	120	90	Ø13	M12	80	20	32	58/62	20.000	7,390
TR 45x8	2RB0845	SLV45 RB+STC+FQ/PFF	276	316	120	160	156	150	115	Ø15	M14	85	32,5	36	68/75	28.000	11,100
TR 50x8	2RB0850	SLV50 RB+STC+FQ/PFF	296	336	130	170	166	150	115	Ø15	M14	90	30	41	68/75	37.000	13,890
TR 55x9	2RB0855	SLV55 RB+STC+FQ/PFF	332	392	140	200	192	200	160	Ø17	M16	100	50	46	80/90	45.000	22,650
TR 60x9	2RB0860	SLV60 RB+STC+FQ/PFF	332	392	140	200	192	200	160	Ø17	M16	100	50	46	80/90	56.000	23,560