

**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 un-welding.
- 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).

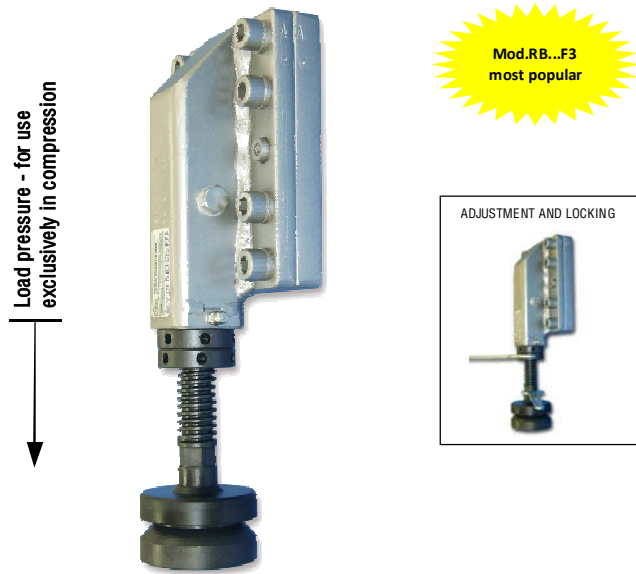
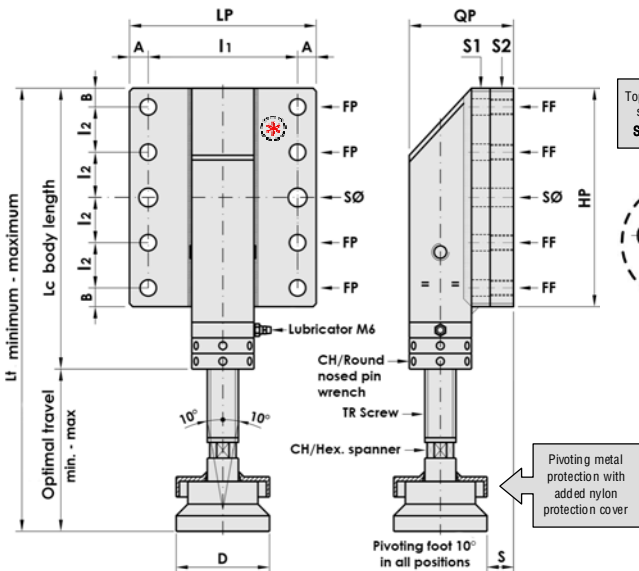
#### Symbols:

**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 **FP**

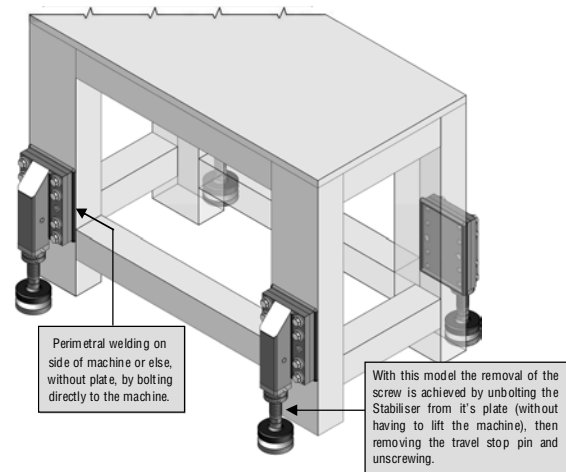
**S2** = Plate with threaded holes **FF** (plate excludable at client's request)

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  
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- 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	LT. 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