

# Block clamps with autocompensating pads

## Models KB-K



The Bolzoni block clamp with autocompensating pads, model KB-K, is used to handle concrete blocks, without the use of pallet.

The clamp is designed to compensate the load irregularities typical of the brick and block handling.

The special execution arms are fitted with self-aligning vulkolan blocks. These are floating on a chamber filled with glycerine. While clamping, the chamber adhere against the vulkolan blocks, which adapt to the load irregularities.

Available also with oscillation regulator, with the KB-A version.

### Features:

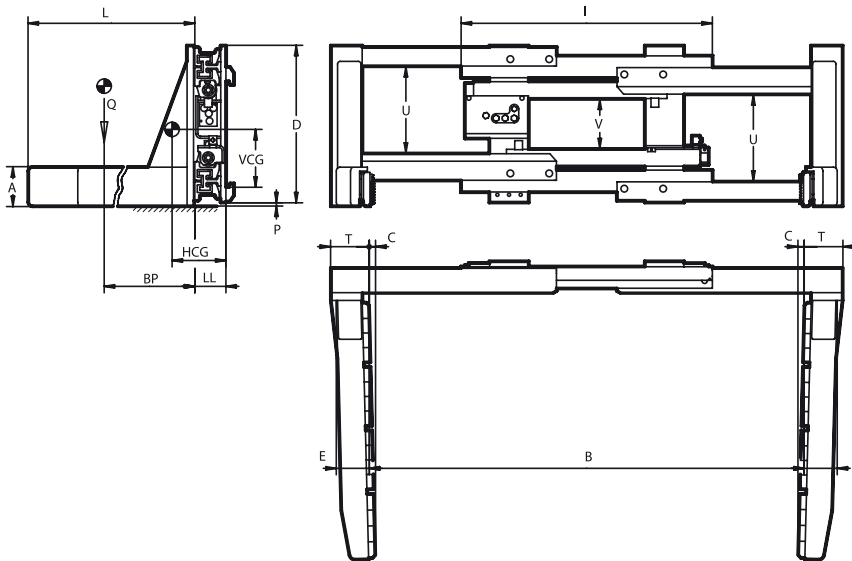
- Very rigid frame structure with single piece double "T" profile. Wide visibility window thanks to new vertical plates position at the extremity of the frame. Narrow vertical plates.
- Superior visibility through the frame grants safe and easy handling operations.
- New check valve for simple and precise arm synchronism, easy fitting, new position in the upper profile shadow granting valve protection and high visibility of the structure.
- New fixing system of the sliding pads to relief stress.
- New self-aligning cylinder fixing to avoid breakage.
- Versions with new separate side shift: cylinder position within the frame window to improve side shifting system. Upper and lower pads with greasers.



**Range:** 1400 Kg - 3500 Kg

**Plus:**

- Strong double T-profile frame.
- Reduced weight, effective thickness and centre of gravity.
- Excellent visibility.
- Used in industries producing concrete blocks.
- Arms fitted with self-aligning vulkolan blocks, "floating" on a chamber filled with glycerine (incompressible material with low freezing temperature) to compensate load irregularities.



Model	Capacity	Load Centre	Opening Range	Arm Dimensions	Frame Width	Minimum Carriage Width	Height	Weight	Horizontal Centre of Gravity	Vertical Centre of Gravity	Effective Thickness	Side Visibility	Central Visibility	Ground Clearance	Arm Toe-in	Mounting Class
	Q kg	BP mm	B mm	LxAxE-T mm	I mm	FL mm	D mm	W Kg	HCG mm	VCG mm	LL mm	U mm	V mm	P mm	C mm	ISO 2328
KB 14 K4A	1.400	500	400 - 1.630	1.000 x 155 x 130-135	930	750	613	370	290	145	114	341	200	9	20	2 A
KB 18 K4A	1.800	500	430 - 1.890	1.000 x 155 x 135-150	1.170	750	613	387	280	145	119	340	197	9	20	2 A
KB 22 K4A	2.200	500	430 - 1.890	1.000 x 155 x 135-150	1.170	750	613	396	278	145	121	338	195	9	20	2 A
KB 22 K6A	2.200	500	430 - 1.890	1.200 x 155 x 135-150	1.170	750	613	412	310	140	121	338	195	9	24	2 A
KB 28 K4B	2.800	500	430 - 1.890	1.000 x 155 x 135-150	1.170	750	715	445	268	153	130	383	240	20	20	3 A
KB 28 K6B	2.800	500	430 - 1.890	1.200 x 155 x 135-150	1.170	750	715	470	300	148	130	383	240	20	24	3 A
KB 35 K4B	3.500	500	510 - 2.010	1.000 x 160 x 140-170	1.250	1.050	715	500	232	153	148	377	206	20	20	3 A
KB 35 K6B	3.500	500	510 - 2.010	1.200 x 160 x 140-170	1.250	1.050	715	525	245	148	148	377	206	20	24	3 A

**Notes:**

- One hydraulic function required.
- E= arm thickness at half length.
- T= arm thickness at the base.
- Check valve with power regeneration hydraulic circuit (for KB 14 – 22).
- Pressure relief valve.
- Arms welded to the guides.

**Options:**

- Special openings.
- Separate sideshift.
- Integral sideshift.
- Quick change lower hooks.
- Pressure gauge.
- Load backrest.

