Beam Clamps

Lifting Equipment Ltd

LE-YC Standard Beam Clamps(capacities 1000 - 10,000Kg

The LE-YC Beam Clamp presents a flexible and quick rigging point for hoisting equipment, pulley blocks or loads. Comes with inclusive locking device. Flexible application as a result of wide adjustment range. The central threaded spindle permits for single attachment and safe and secure grip. Various beam widths available. Spindle may be secured against loosening.

Model	Capacity	Flange width	Weight
YC 1	1000	75 - 230	3.8
YC 2	2000	75 - 230	4.6
YC 3	3000	80 - 320	9.2
YC 5	5000	90 - 320	11.0
YC 10	10000	90 - 320	17.2

Capacity	A Min	A Max	A1	A2	B1	B2	b1	b2	C	D	E	F1	F2	G1	G2	H	J1	J2	K1	K2	L
Kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1000	115	150	78	246	186	350	75	230	50	4	215	34	17	82	44	20	14	21	48	31	84
2000	115	150	78	246	186	350	75	230	50	6	215	35	18	82	44	20	14	21	50	32	94
3000	180	225	80	320	232	455	80	320	70	8	255	35	21	120	75	22	30	34	60	40	122
5000	180	225	90	310	242	445	90	310	70	10	255	35	21	116	75	28	30	34	60	42	129
10000	175	200	90	320	268	480	90	320	70	14	275	35	20	110	66	38	34	35	60	40	146

Basic Safety Guidelines, Maintenance and Inspections for Beam Clamps and Trolleys

Beam Clamps Safe Use

While positioning a beam clamp, it must always be directly over the loads centre of gravity, failure to do so may cause the load to swing producing amplified stress, which could lead to the failure of the clamp.

Always check that the beam clamp is of the right profile and size, or correctly adjusted for the beam width, in order that it fits correctly about the beam flange.

Always check the supporting structure is sufficient for the load.

Always check that the beam clamp is strong enough for its proposed use.

Never use beam clamps which can't be identified, or uncertified for lifting applications.

Never change bolts, shackles etc without consulting the manufacturer

Never throw or drop the beam clamp

Never use beam clamps on damaged, deformed or distorted beams.

Never force or wedge hooks of lifting appliances into the attachment eye or fitting.

Never obliquely/diagonally load beam clamps without the authority from the supplier

Never exceed the safe working load.

If 2 beam clamps are to be used in tandem then the usage of ancillary equipment might be required for example a spreader beam, and care has to be taken to make sure that no one clamp exceeds its safe working load.