

PL-09 / PLR-10

Manual Log clamp without/with rotation



Log clamp PL-09 and PLR-10 for Post Press and Bindery

Both log clamps are easy to handle, very versatile and can be used in the bindery to place logs onto a stream feeder and in Post Press to palletize logs from a log stacker. The operator manually moves the log clamp (which is mounted on a crane, a steel structure or a balancer) in horizontal direction while the up and down movements are motorized and controlled by commands on the log clamp.

The log clamps are available in a fixed version (PL-09) and in a version with log rotation (PLR-10).

When used with a log stacker the PL-09 helps the operator to pick-up a log from the log stacker delivery table, to move it towards a pallet and to place it onto a pallet.

In the bindery the log clamps are used to pick-up the logs from a pallet, move them and release them in the right position in the stream feeder. When connected to a steel structure one log clamp can serve several stream feeders (depending on the speed of the bindery line).

The PLR-10 log clamp also allows the 90° or 180° turn of the log in order to have the correct orientation of the copies for the bindery line.

Features:

- Aluminium main frame
- Log clamp with pneumatically-operated clamping pads at both ends that move linearly
- Adjustable compression force by air pressure regulator
- PL-09: self centering / PLR-10: equipped with one fix pad and one movable pad
- Pneumatic controls (PL-09) or electrical controls (PLR-10). The clamp can only open when the log is placed on a surface. The push-buttons controlling the clamp opening are disabled when the bundle is lifted
- Security commands with two hand operation
- Complete with steel cables for attachment, to a jib crane, to a steel structure or to a balancer

Options:

- Log rotation of 90°-180°-270° (PLR-10 only)

Technical Data

Formats	PL-09		PLR-10	
	Minimum	Maximum	Minimum	Maximum
Product length "B"	200 mm	500 mm	200 mm	500 mm
Product width "A"	120 mm	320 mm	120 mm	320 mm
Log length (compressed) "L"	600 mm (standard) 500 mm (optional)	1000 mm (standard) 1200 mm (optional)	600 mm (standard) 500 mm (optional)	1200 mm (standard) -
Log weight	-	max. 100 kg	-	max. 100 kg
Palletizing height (above ground floor)	Bottom edge of log: 100 mm	Top edge of log: 1500 mm	Bottom edge of log: 100 mm	Top edge of log: 1500 mm
Pick-up height (above ground level)	500 mm	900 mm	500 mm	900 mm
Air consumption	60 NI/1' (calculated on 3 cycle/min)		290 NI/1' (calculated on 3 cycle/min)	
Electrical supply*	-		400V, 50 Hz, 3 ph + ground, 1 Kw	
Weight (without jib crane)	90 kg		120 kg	
To be used with a jib crane w. a working load of	max. 200 kg		max. 250 kg	
Options	Push-buttons for up and down movement of the clamp integrated in the clamp box			

*Note: An electrical supply is needed for the electrical hoist, when it is included in the supply. The needed electrical supply will depend by the power and the model of the hoist.

Technical specification available on request. The manufacturer reserves the right to change the technical specifications without prior notice. (PL-09 / PLR-10-EN-Nov13).

