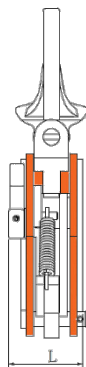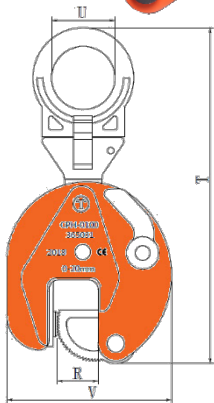# CPU - Universal Plate Clamp

The Tiger CPU Clamp can be used for lifting and transporting steel plates and structures from all positions (horizontal, vertical and sidelong). As well as transporting plate, this clamp is well-suited to turning over steel structures and welded constructions. It has an articulated lifting shackle so can be fitted to a steel plate in any position. It is designed to be used with a two leg chain sling for lifting longer plates without the need for a spreader beam. The CPU is equipped with a pre-tension mechanism ensuring the clamp does not slip when lifting force is applied and when a load is being lowered. For use with plates with surface hardness of up to 300 Brinell (HB) / 32 Rockwell C (HRC).

Plate Clamps should not be used if the surface temperature of the material being lifted is above 100°C. (212°F). The ambient temperature of the operating environment should not be lower than -20°C (-4°F) and not be higher than +50°C. (122°F).

Product Code	Capacity (tonne)	Dimensions (mm)					Net Weight (kg)
		Jaw Opening R (mm)	T (mm)	U (mm)	V (mm)	L (mm)	
CPU-0050	0.5	0-15	205	30	105	48	2.0
CPU-0100	1.0	0-20	300	50	145	66	5.0
CPU-0200	2.0	0-25	385	68	175	75	8.0
CPU-0320	3.2	0-30	430	75	215	102	15.0
CPU-0500	5.0	0-50	500	68	232	112	21.0

CPH - Horizontal Plate Clamp
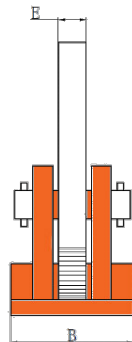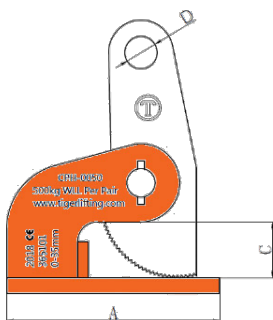
The Tiger CPH clamp is a horizontal lifting clamp intended to be used in pairs, sets of pairs, or in a tripod arrangement for transporting steel plates horizontally. They can be used to lift all types of materials in plate form providing that the plate can withstand the forces imposed on it. These clamps are only suitable for lifting single plates with a surface hardness below 300 Brinell (HB) / 32 Rockwell C (HRC).

Product Code	Capacity (tonne)*	Dimensions (mm)						Net Weight (kg)
		Jaw Opening C (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	
CPH-0050	0.5	0-35	140	65	38	20	16	2.3
CPH-0100	1.0	0-60	180	80	68	25	16	5.8
CPH-0200	2.0	0-60	180	80	68	25	16	6.7

*Capacity per set of two

Our innovation, your safety