

**Horizontal**

Horizontal Lift: Clamps (used in pairs or multiples) are attached to the side edges of a plate or bundle of plates positioned horizontally to the floor level. The rigging attached to the clamps is generally multi-legged slings with the connecting point of the slings being approximately centered between the distance separating the clamps. Refer to illustrations below.

The Model HR is a horizontal lifting clamp intended to be used in pairs, sets of pairs, or in a tripod arrangement for transporting steel plates horizontally. Equipped with serrated gripping cams as standard equipment, both the HR and HDR models are available with smooth, bronze or stainless steel gripping cams to prevent marring when handling polished metals such as stainless steel, copper, aluminum, etc.



Rated Capacity (tons)	Jaw Opening (in.)	Weight (lbs.)
1/4	0-1	3-1/2
1/2	0-2	15
3/4	0-2	19
1-1/2	0-2	21
3	0-2	24
4	0-3	45

\*Other capacities and plate thicknesses available upon request.



The Model M is a multipurpose clamp used for positioning, sorting, erection and handling of prefabricated sections. The split lower jaw enables the clamp to be particularly useful in handling structural shapes. The Model M incorporates a "Lock Closed" feature which facilitates attaching the clamp to the member being lifted. These clamps must be used in pairs, sets of pairs, or in a tripod arrangement for transporting plate horizontally. Handle is available on 8 ton clamp only.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 1	7
	3/4 - 1-1/2	8
1	0 - 1	11
	3/4 - 1-1/2	12
2	0 - 1-1/4	23
	1 - 2	24
4	0 - 2	35
	1-3/4 - 3-1/2	38
8	0 - 2	107
	1-3/4 - 3-1/2	110

\*Other capacities and plate thicknesses available upon request.



**Vertical + 90**

Vertical Lift: The lifting of a single plate or member in which the lifting force exerted by the rigging is directly above and in line with the lifting shackle as shown in the illustration.

The Model LJ is a vertical lifting clamp capable of turning a plate from horizontal to vertical and back through the same 90° arc. It is small and easy to handle in capacities through three tons. The Model LJ incorporates a "Lock Closed" feature, which facilitates attaching the clamp to the plate.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 3/4	9
1	0 - 3/4	15
2	0 - 1	26
3	0 - 1-1/4	34

\*Other capacities and plate thicknesses available upon request.

**Vertical + 180**

Vertical Lift: The lifting of a single plate or member in which the lifting force exerted by the rigging is directly above and in line with the lifting shackle as shown in the illustration.

The Model JA is a vertical lifting clamp capable of turning a single plate or member from horizontal to vertical to horizontal through a 180° arc. Incorporates a push button auxiliary lock.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 5/8 1/2 - 1	10
1	0 - 3/4 1/2 - 1	15
2	0 - 1 3/4 - 1-1/2	36
4	3/16 - 1-1/4 1 - 2	42
6	1/4 - 1-3/8 1 - 2-1/8	64

\*Other capacities and plate thicknesses available upon request.

The Model SCSL is a locking screw clamp capable of handling a steel plate from horizontal to vertical to horizontal through a 180° arc. It is a lightweight clamp primarily used for bench work. It is capable of handling up to a 2,000-lb load. The Model SCSL incorporates a spring loaded swivel jaw and screw cup. The spring loaded screw cup serves as an indicator when the locking screw has been properly tightened.



Rated Capacity (tons)	Jaw Opening (in.)	Weight (lbs.)
1	1/16 - 3/4	12



The Model TLA is a vertical lifting clamp incorporating a “Lock Open” and a “Lock Closed” feature and an auxiliary lock. The clamp is capable of turning a steel plate from horizontal to vertical to horizontal through a 180° arc. The “Lock Open,” “Lock Closed” feature facilitates attaching and removing the clamp from the plate.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 5/8 1/2 - 1	9 10
1	0 - 3/4 1/2 - 1	14 15
2	0 - 1 3/4 - 1-1/2	32 33
4	3/16 - 1-1/4 1 - 2	35 37
6	1/4 - 1-3/8 1 - 2-1/8	48 51

\*Other capacities plate thicknesses available upon request.

**Vertical + 180° + Side Pull**



The SCPA clamp is capable of handling steel plate from horizontal to vertical to horizontal through a 180° arc and may be used for handling plate at rolling and forming machines. These clamps feature a spring loaded pivoting cam jaw that "cams in" when a load is applied to the lifting shackle. Clamp is capable of handling plate horizontally when used in pairs or sets of pairs, or in a tripod arrangement. \*Pivoting shackle assembly, as shown, is available on capacities of 3 tons and larger.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 3/4	8
1-1/2	0 - 1-1/4	14
3	0 - 2	19
6	0 - 2-1/2	44
10	0 - 3	93
15	0 - 4	210

\*Capacities through 200 tons and various plate thicknesses available upon request.

The Model JPA is a vertical lifting clamp capable of turning a single plate or member from horizontal to vertical to horizontal through a 180° arc. Incorporates a push button auxiliary lock. Permits side loading of lifting shackle to 90° by derating of clamp's rated capacity. Model JPA incorporates a pivoting shackle that permits side loading of the lifting shackle at 100% of rated capacity from vertical to 30°, 75% of rated capacity between 30° and 45° and 50% of rated capacity between 45° and 90°.



Rated Capacity (tons)	Plate Thickness	Weight (lbs.)
1/2	0 - 5/8 1/2 - 1	12
1	0 - 3/4 1/2 - 1	20
2	0 - 1 3/4 - 1-1/2	40
4	3/16 - 1-1/4 1 - 2	50
6	1/4 - 1-3/8 1 - 2-1/8	72

\*Other capacities plate thicknesses available upon request.

**Tagline Tool**

The Tagline is a tool to which a load-guiding lanyard is attached to assist in controlling the swing of a load during transport and to aid in aligning the load before it is brought to rest.

Rated Capacity (tons)	Weight (lbs.)
0 - 1	4
1 - 2	5

