

## Chicago Clamp Company introduces new suspension clamp system for the HVAC and facilities management industries

## Product News

Broadview, IL - Chicago Clamp Company has announced the introduction of their new Suspension Clamp System for hanging equipment and suspending loads from joists. The patent-pending Suspension Clamp System is ideal for hanging support rods, suspending HVAC equipment, piping conveyors and almost any equipment up to 2000 lbs. The Suspension Clamp System reduces labor costs and shortens installation schedules. The Suspension Clamp System allows complete lateral adjustment and requires no welding or specialized tools. Installation and removal are easy and the entire system can be conveniently relocated to meet your changing needs.

"Chicago Clamp Company has utilized over 30 years of engineering experience to create a safe, structurally reliable, and economical method of suspending loads and mounting equipment from joists", explains Design Engineer, Mr. Douglas Morey. Using a member to hang loads between bar joists may involve the time-consuming drilling of multiple holes or welding. In addition, there is a lack of flexibility with hanger points, and members may be used without knowing their capacities. "To eliminate these inherent project

risks", continues Mr. Morey, "Chicago Clamp Company has developed the easy-to-install Suspension Clamp System. The Suspension Clamp System is extremely versatile and requires no welding or drilling of holes. It uniquely braces angles or channels against each other to provide a solid support for hanging loads".

End Suspension Clamps anchor the ends of back-to-back angles or channels to joists. These back-to-back angles or channels provide the benefit of symmetry by exerting an equal but opposite horizontal force

on each other, thus effectively canceling out the horizontal force. This contributes to less bending stress, and therefore the angles or channels can support a higher concentrated load. Midspan Suspension Clamps are adjustable anywhere along the angle or channel span to hang objects such as ceiling fixtures, conveyors, or HVAC equipment from threaded rods. Suspension Clamp Systems can be combined with Bridging Clamp Systems for increased flexibility in load or suspension placement.

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