



Shree  
Krishna  
Industries  
(SKI)

SKI Material Handling systems.  
Versatile Lifting and Handling concepts.

## SKI Vacuum Lifting Solutions.

- BEST Vacuum Lifters are designed in a modular fashion. Standard components are selected to match your application. A lifter will match almost any application can be quickly built. BEST designs its lifters so that each pad lifts an equal load weight.

we offer our customers in trade and industry path-breaking solutions. We have enthusiastic customers wherever production processes need to be made more efficient with the aid of vacuum technology.

In order to meet the specific requirements of the various sectors of industry, we offer vacuum handling systems with the following branches:

### **For Ferrous and Non Ferrous and Similar rigid materials**

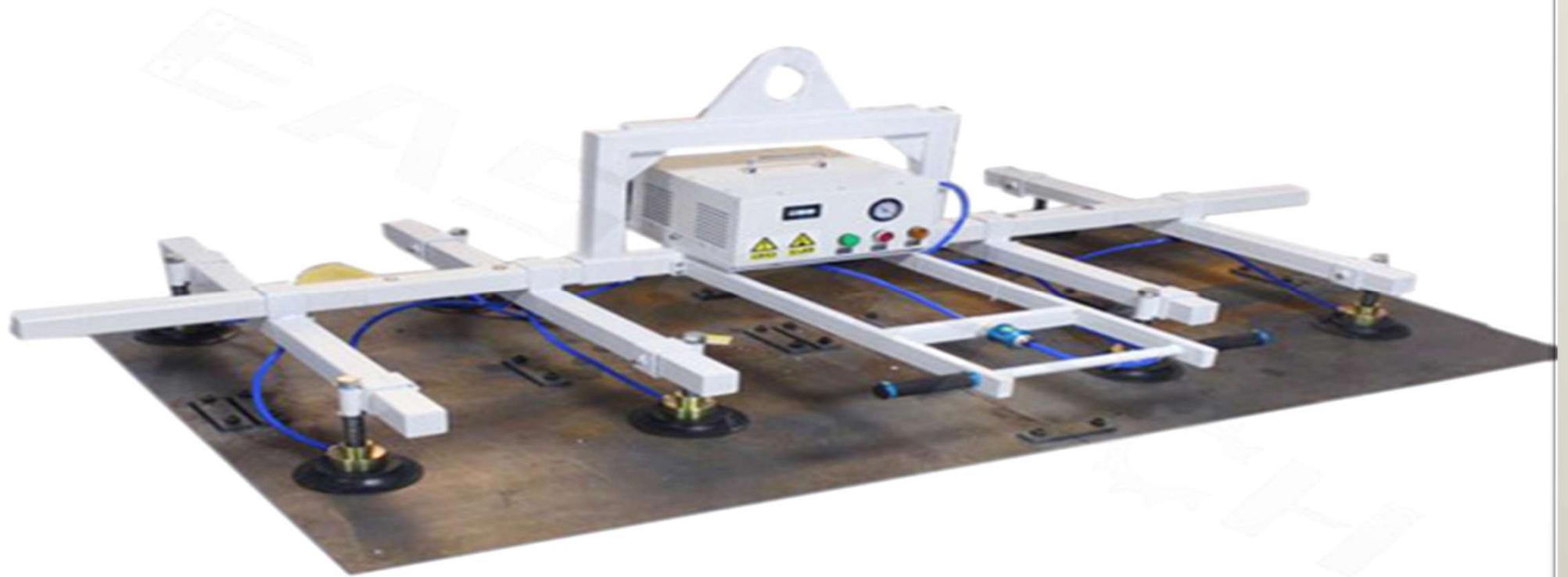
#### **Handling of sheet metal**

Safe and Ergonomically – for many different Objects and Applications.

Damage-free gripping and movement of laser-cut sheet metal, particularly those made from stainless steel; even with apertures and coated with oil

- Injury-free handling of heavy and unwieldy work pieces by a single person
- Gripping of parts made of non-magnetic steel and non-ferrous metals
- Reduced machine-loading times
- Energy-independent handling with the aid of existing overhead cranes
- Handling types: horizontal.

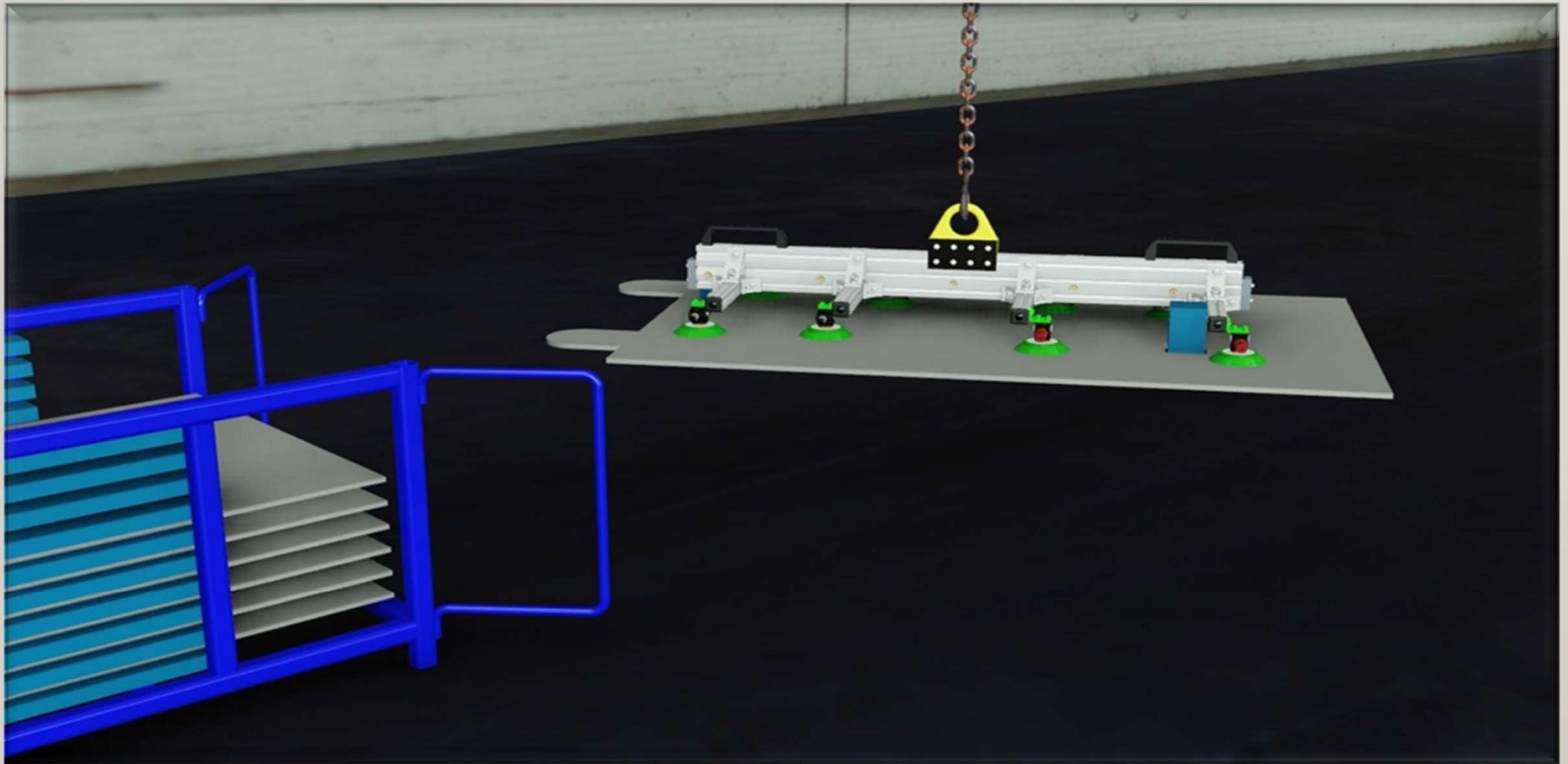
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## Vacuum Lifter Standard Application of Metal Sheet handling Horizontal.

Note- Images shown will be Different from actual products

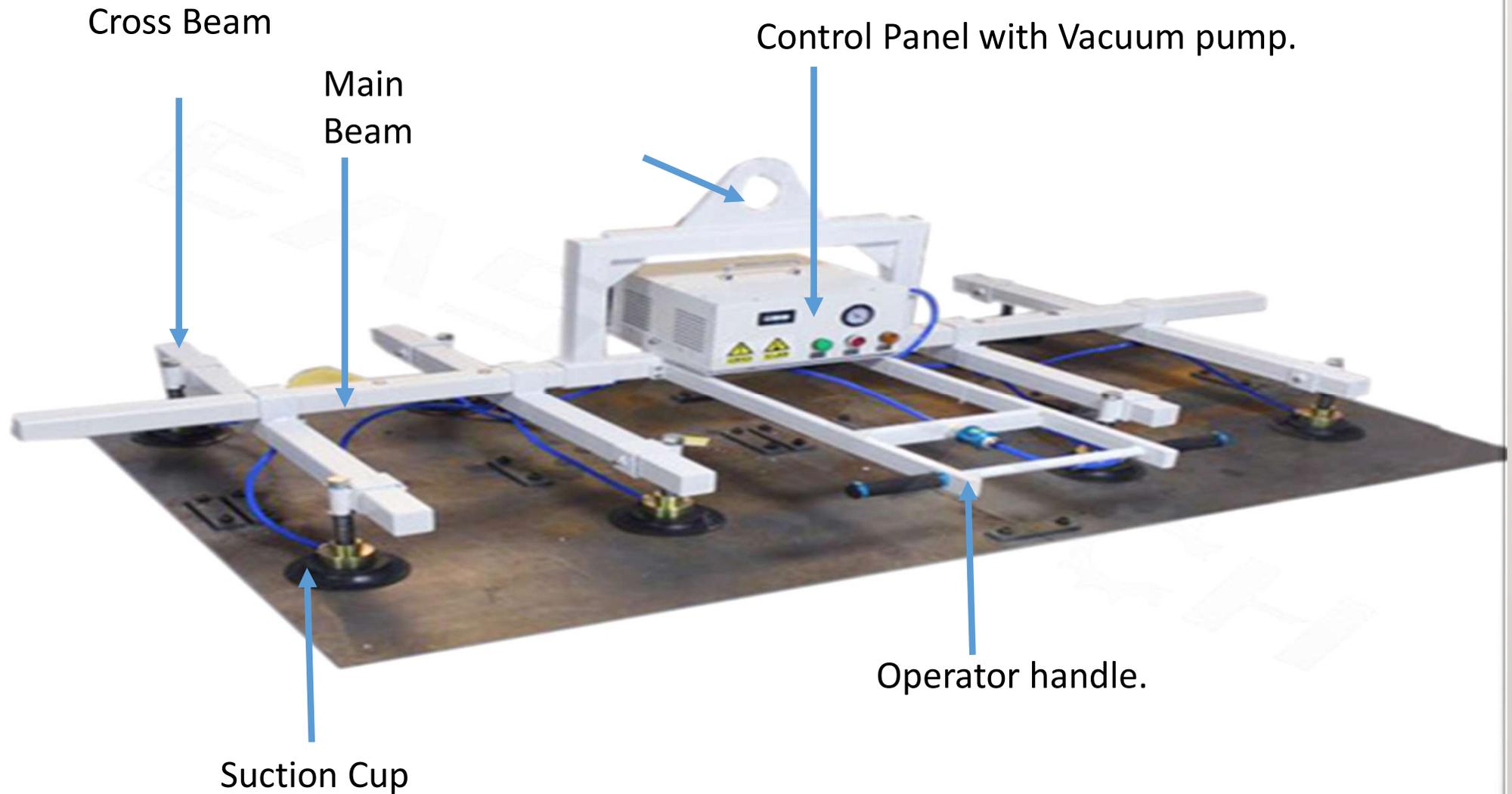
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- Ideal for Sheet Metal Handling From Stack or Storage Systems.
- Cut Out Parts in the Range of Vacuum Lifters Suction pads can be lifted.
- Various possible dimensions metal sheets can be lifted.

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## Vacuum Lifter Standard Application of Metal Sheet handling Horizontal.

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**System Type**

**Maximum Lifting Capacity.**

Horizontal Handling	150kg	300kg	500kg	750kg	1000kg	2200kg
Vacuum Lifter Type	Suction cup Nos.	Work piece can be handled (mm)	Suction cup Dia.	Type	Voltage	Wt. approx.
150kg	2/4	1250 x 2500	250	Electric	Single Phase	50kgs
300kg	4/6	1250 x 2500	250	Electric	Single Phase	75kgs
500kg	6/8	1500 x 3000	250	Electric	Single Phase	100kgs
750kg	6/8	1500 x 3000	250	Electric	Single Phase	120kgs
1000kg	8/10	1500 x 4000	250	Electric	Single Phase	200kgs
2200kg	10/16	2000 x 6000	250	Electric	Single Phase	350kgs

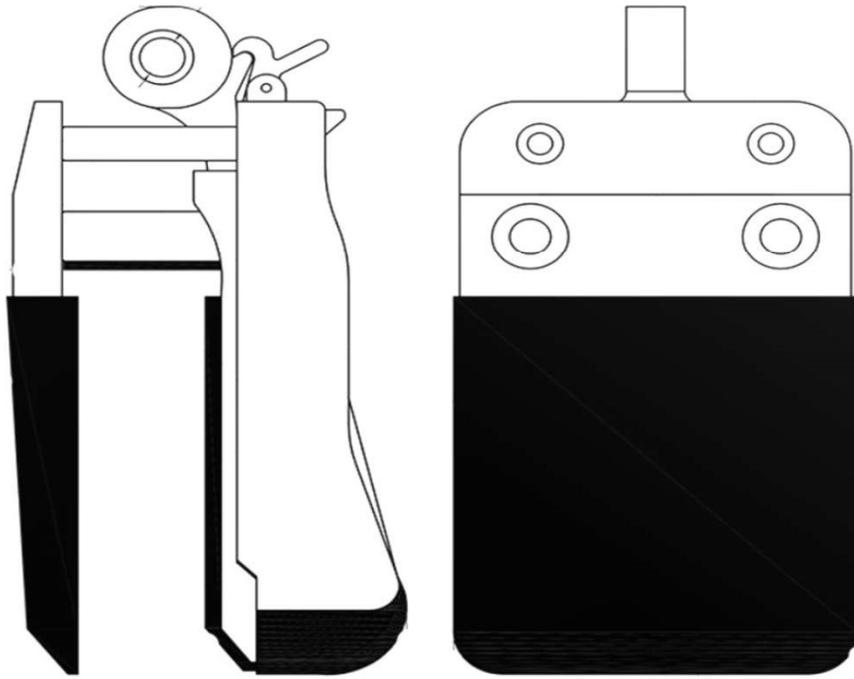
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## Vacuum Lifter Standard Application of Metal Sheet handling Horizontal.

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**Stone/ Slab handling Standard Application of vertically.  
Max lifting 400kgs.**

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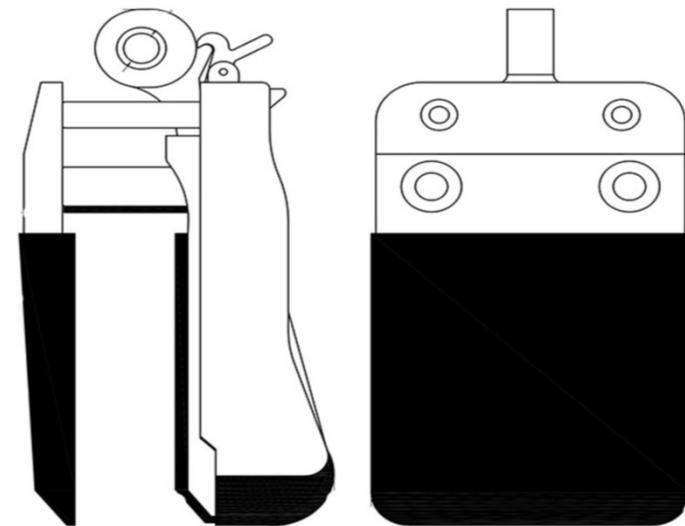
# SKI Slab Lifter:

SKI Lifter is a equipment for lifting and moving slab-form loads. The SKI Lifter is attached with latch that automatically releases the lifter from the slab once the slab has been fully lowered to the ground. This make the process of lifting and lowering of slabs a one man operation.

## Features

- Size:** Being of a compact construction, the SKI Lifter allows for close packed stone slabs to be lifted out of racks and containers. Lower height slabs placed along side of taller slabs offer no problem, as is the case with scissor clamps.
- Versatile:** Ideal for construction work. Because the clamping mechanism is to the front of the slab, they allow panels to be placed close against walls.
- Safety:** Requires only a small movement of the slab to engage and grip the slab, which is generally well below the over balance angle thus eliminating the danger to the operator.
- Secure:** The SKI clamps grip marble and granite slabs firmly. The SKI Lifter has a force-multiplying factor of approximately 2 to 1.

Details	Size
Grip range	12 – 55 mm
Working load limit	1250 kg
Net weight	50 kg
Gross weight	55 kg



## Features

- Size:** Being of a compact construction, Slab Lifter allows for close packed stone slabs to be lifted out of racks and containers. Lower height slabs placed along side of taller slabs offer no problem, as is the case with scissor clamps.
- Versatile:** Ideal for construction work. Because the clamping mechanism is to the front of the slab, they allow panels to be placed close against walls.
- Safety:** Requires only a small movement of the slab to engage and grip the slab, which is generally well below the over balance angle thus eliminating the danger to the operator.
- Secure:** The clamps grip marble and granite slabs firmly. The Slab Lifter has a force-multiplying factor of approximately 2.5 to 1.

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# All Billet Lifter

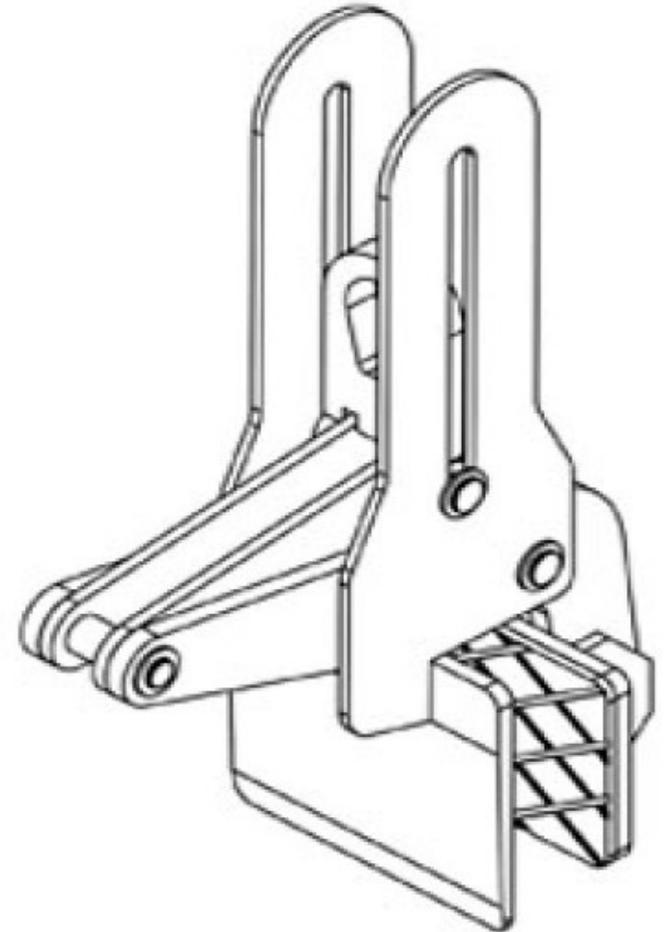
## General

Slab Billet Clamp utilizes gravity to grip and release materials. The machine is used for handling marble and granite slabs from the billet saw.

## Features

- A gravity hoisting device is used to control the opening and closing of the clamp
- The clamp has one movable jaw, which is lined with rubber
- The clamp uses the weight of the load to generate a closing force and the friction generated by the clamping force to clamp the slabs

Details	Size
Grip range	10- 65 mm
Working load limit	200 kg
Net weight	20 kg
Gross weight	25 kg





**Stone/Block handling Standard Application of vertically.**

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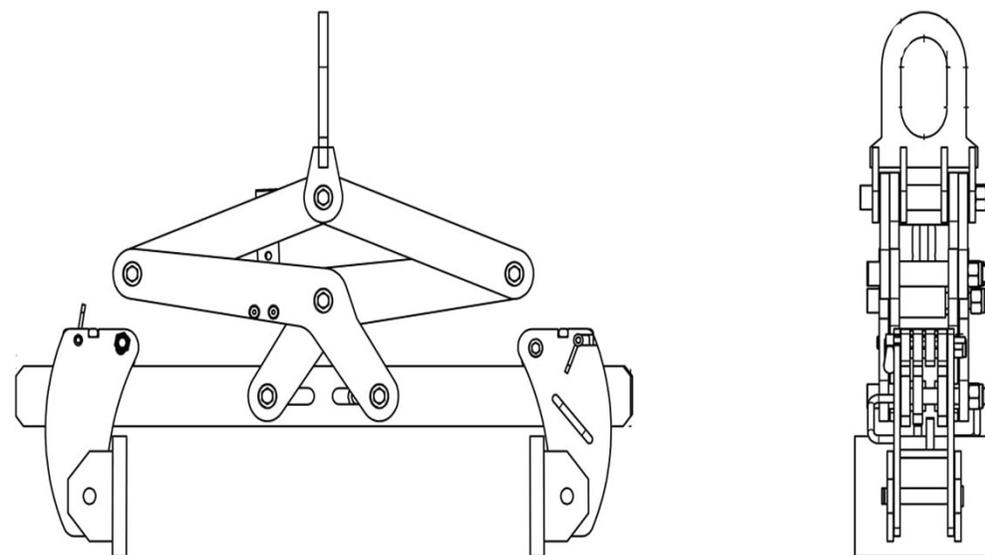
# SKI Block Lifter 50-550

The SKI Block Clamp is made for lifting and moving concrete blocks, rubber tires, drums or other materials. The clamp consists of two sliding pads that can be adjusted to the desired widths and they are locked by a locking latch on each side. The Versa Block Clamp is a multipurpose solution when fitted with different jaws to grab the different material types, whether square or curved shapes. These jaws can be easily changed and reversed to allow for picking up objects from the inside face or inside out.

## Features

- Handles heavy loads with different capacities.
- Grips and releases the load automatically.
- The jaw width is simple and easy to adjust.
- The rubber jaws protect loads from being damaged
- Optional jaws for different material shapes.
- Lifting eye allows for easy hook attachment.

Details	Size
Grip range	50 – 550 mm
Working load limit	1100 kg
Net weight	75 kg
Gross weight	80 kg





**Stone/ Block handling Standard Application of vertically.**

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**The Block Clamp is made for lifting and moving concrete blocks, rubber tires, drums or other materials. The clamp consists of two sliding pads that can be adjusted to the desired widths and they are locked by a locking latch on each side. The Block Clamp is a multipurpose solution when fitted with different jaws to grab the different material types, whether square or curved shapes. These jaws can be easily changed and reversed to allow for picking up objects from the inside face or inside out.**

## **Features**

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- Optional jaws for different material shapes.**
- Lifting eye allows for easy hook attachment.**



## Scissor Clamp for handling metal Plates, Slabs, Blocks

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# C Type Scissor Lifter

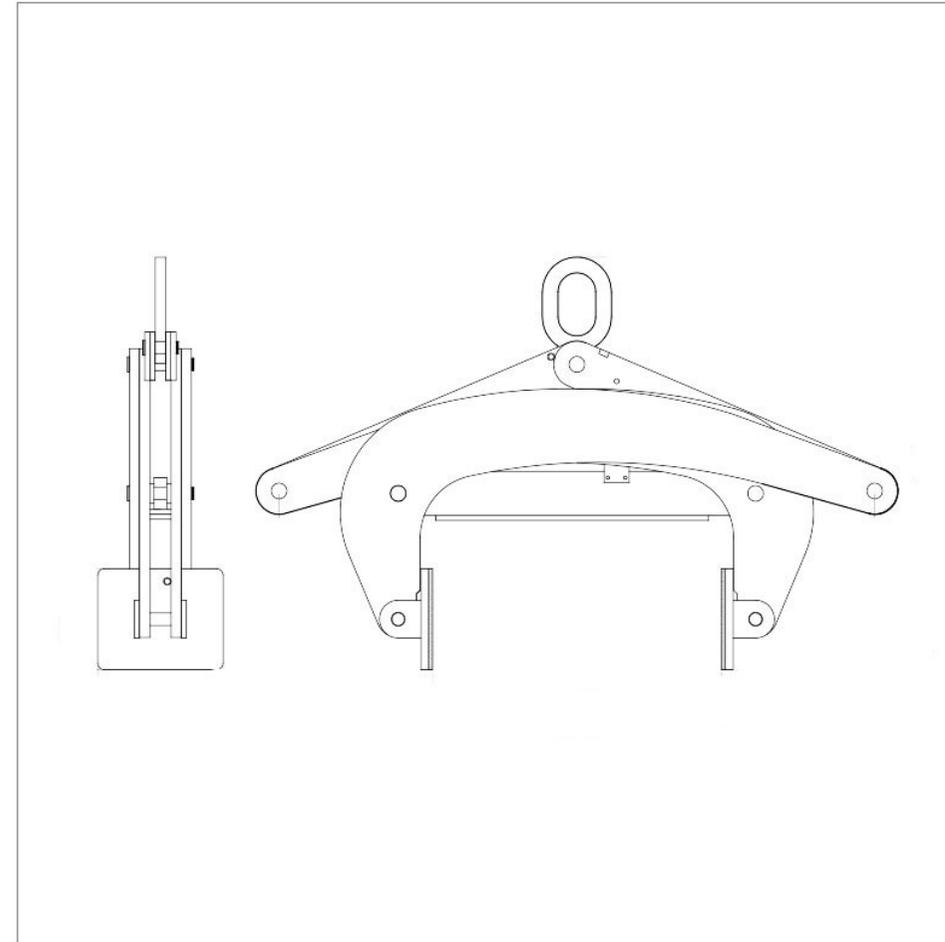
## General

The C type Scissor Clamp Lifter is equipped with a rubber contact pad for the safe handling of materials. By means of a gravity controlled locking latch, the clamp automatically grips and releases the materials. Suitable for lifting marble and granite slabs, tombstones, concrete barriers, curbs (kerbs) and median walls.

## Features

- Auto locks and unlocks
- Long-lasting, high friction replaceable Polyurethane gripping pads
- Protective rubber-lined bar prevents the material from chipping

Details	Size
Grip range	290 – 440 mm
Working load limit	1990 Kg
Net weight	95 Kg
Gross weight	120 Kg



# Block lifter Lifting 2 Ton

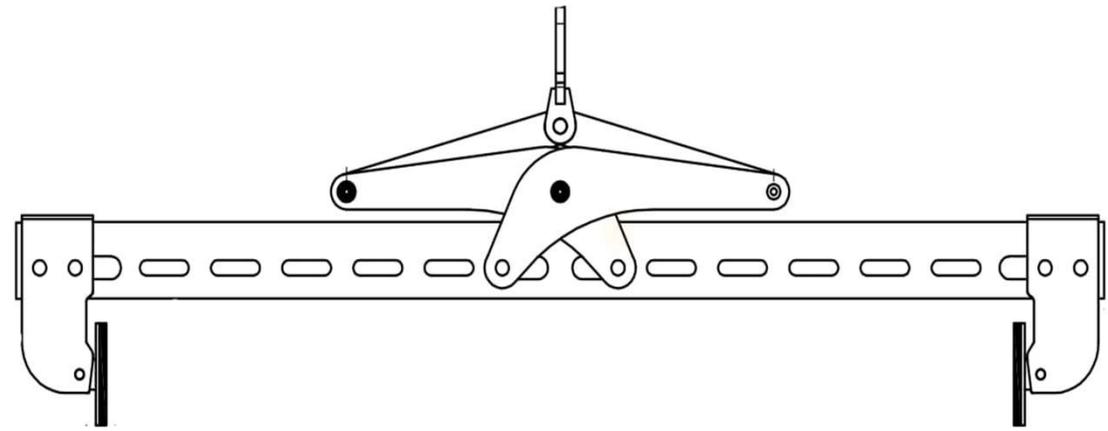
## General

For lifting and moving of concrete blocks and natural stone. Long-lasting, high friction replaceable Polyurethane gripping pads protect load surfaces against damage. Suitable for use on cranes or forklift booms. Clamp jaws are gravity controlled. They open automatically on every second lift and close on every second lift.

## Features

- Adjustable jaw opening width
- A large gripping range, making it suitable for a wide range of applications
- Long-lasting, high friction replaceable Polyurethane gripping pads
- Lifting eye for attaching to a crane hook
- Auto locks and unlocks the load

Details	Size
Grip range	250 – 1100 mm
Working load limit	2000 kg
Net weight	200 kg
Gross weight	250 kg



# Block lifter Lifting 5 Ton

## General

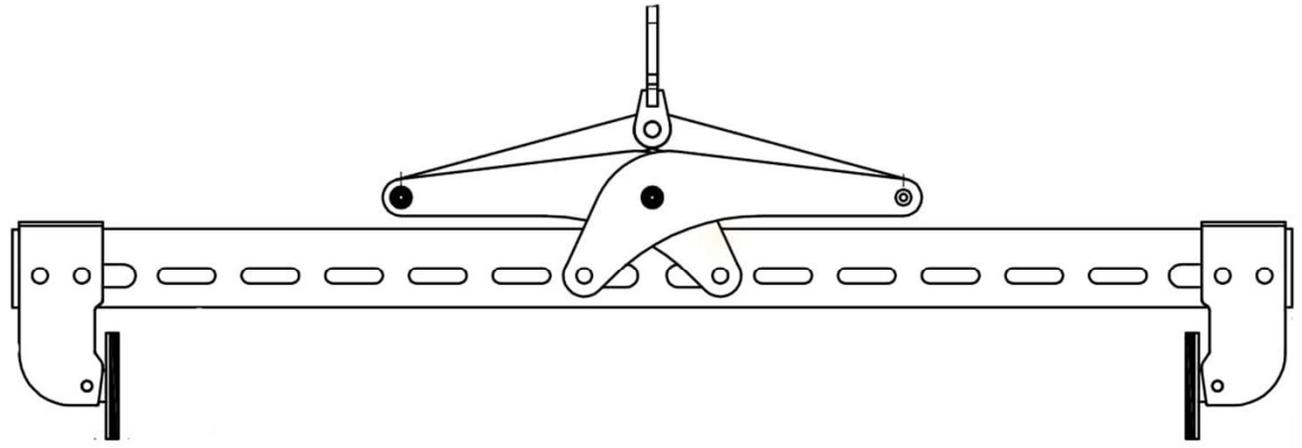
For lifting and moving of concrete blocks and natural stone. Long-lasting, high friction replaceable Polyurethane gripping pads protect load surfaces against damage. Suitable for use on cranes or forklift booms.

Clamp jaws are gravity controlled. They open automatically on every second lift and close on every second lift.

## Features

- Adjustable jaw opening width
- A large gripping range, making it suitable for a wide range of applications
- Long-lasting, high friction replaceable Polyurethane gripping pads
- Lifting eye for attaching to a crane hook
- Auto locks and unlocks the load

Details	Size
Grip range	400– 2500 mm
Working load limit	5000 kg
Net weight	350 kg
Gross weight	400 kg





## Pipe / Bar handling Clamp.

### Features

- Handling long steel pipes and tubes, especially for steel pipe assembly system
- Made from durable steel material
- Sturdy and safe construction

Details	Size
Grip diameter range	220 – 380 mm
Working load limit	380 kg
Net weight	30 kg
Gross weight	36 kg

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## Drum Handling Clamp. Metal/HDPE drums. Max Capacity- 300kgs.

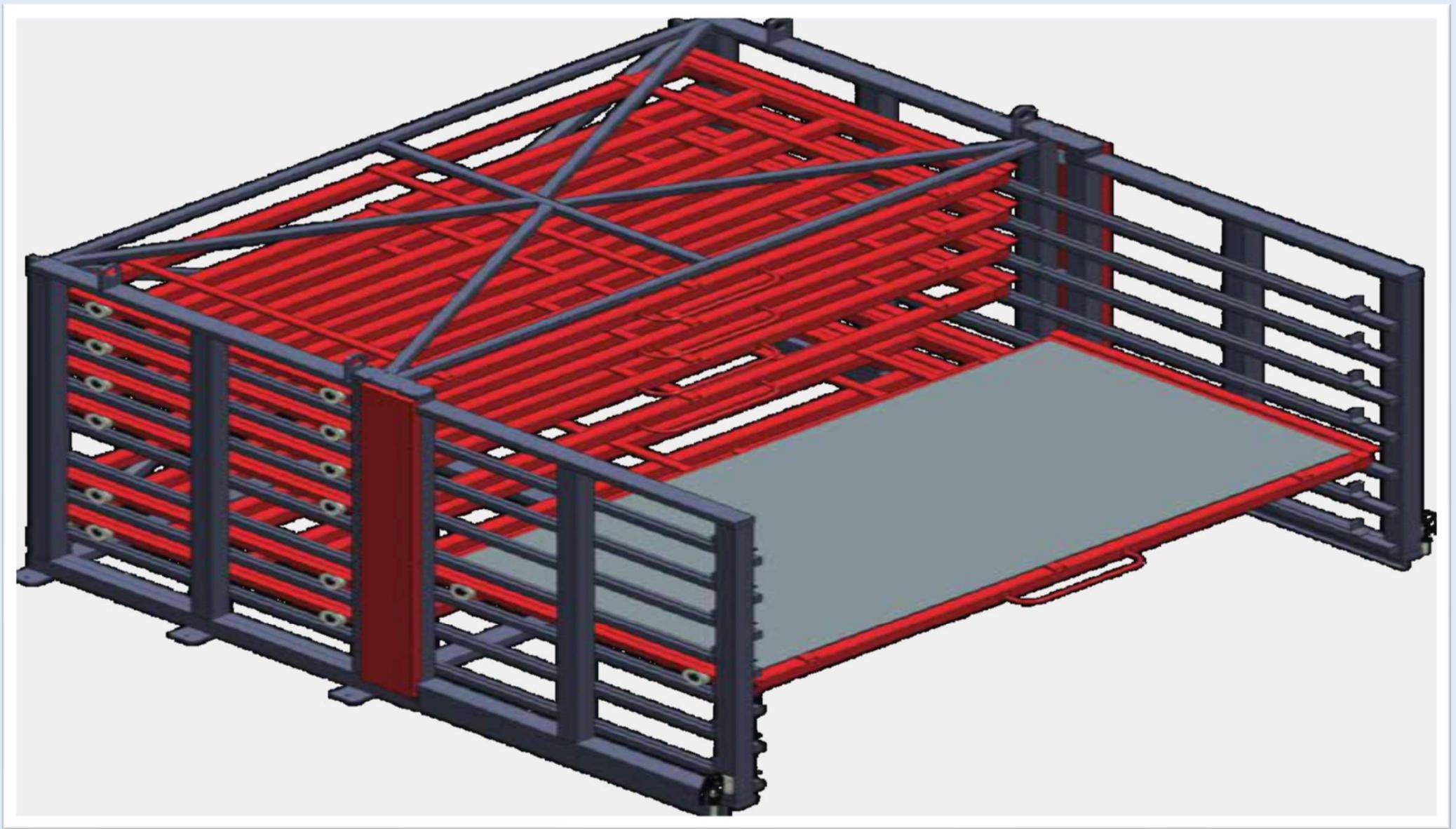
### Details:-

- Compact design and sturdy constructure by the steel alloy
- Lightweight for easy handling in tight spaces between other drums
- Integrated automatically locking latch mechanism
- Quick and gentle loading to transport drums
- Low cost to maintenance

Note- Images shown will be Different from actual products

Details	Size
Grip range	572 mm
Working load limit	500 kg
Net weight	20 kg
Gross weight	22 kg

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## **Metal Sheet/wooden Board storage tower.**

**Max capacity of Tower- 18Ton.**

**Sheet Sizes- 1.2mtr x 2.5mtr/ 3mtr x 1.5mtr**

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## DE palletizer

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# Vacuum Table for CNC ,VMC ,Wood Brass, Aluiminum

SKI is a manufacturer of vacuum clamping tables also referred to as vacuum panels or vacuum chucks. Fixing work pieces with a vacuum table is the fastest and cheapest method for holding down thin and elastic Materials. The vacuum table replaces machine tool vice, double-sided adhesive tape and other impractical fixing devices.

The material surface is completely fixed - vibration free. This protects the tools and significantly improves the milling quality.



## **Working principle:**

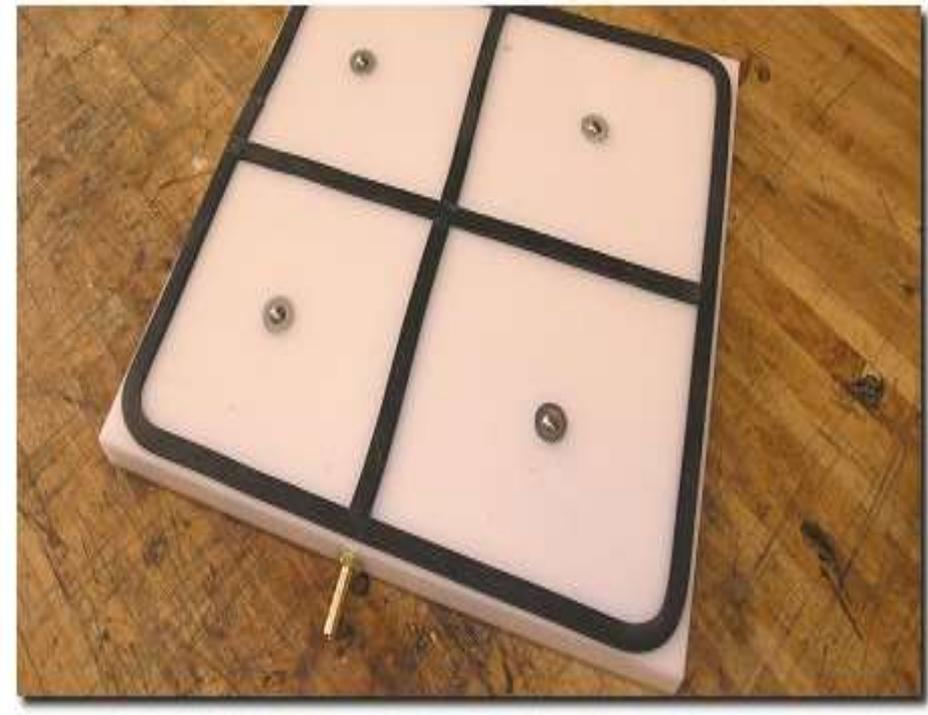
A vacuum matrix is a jig that allows the user to vacuum clamp panels of various sizes. The key component to this jig is the ball valve. These valves are cylinders with a small spring-loaded ball bearing which seals the valve until a project is placed on the jig. The amount of ball valves that are used depends on the variety of projects that you anticipate using with your jig.

When the ball is pressed down by the project panel, vacuum is allowed to flow from under the vacuum matrix and onto the project panel. Vacuum tape is used to define the area of the vacuum and is typically arranged on the jig in multiple sections.

Note- Images shown will be Different from actual products

# Vacuum Clamp

**SKI Vacuum Clamp** are efficient and universal adjustable. It increases the process reliability when **clamping** large, flat metal-workpieces with smooth bottom surfaces on CNC machining centers. Even components which are difficult to **clamp** mechanically can be easily and quickly **clamped** without the risk of distortion.



- Stone/Glass SKI Vacuum Clamp 180x350mm with the standard height of 110mm.
- Holding power as much as double to your existing cups.
- Foam gasket ONLY needed if the cup has been damaged.
- Zero leaks with an absolute perfect rubber seal.
- Rubber tops and bottoms are identical and interchangeable.
- Almost 1/2 the weight of other stone cups with modular design for strength.

# Contact Details



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