



NEW

Handling Systems

VacuMaster

Power, Precision & Efficiency in One

WWW.SCHMALZ.COM

Vacuum Lifting Devices VacuMaster

Move Heavy Loads Weighing up to 750 kg Ergonomically

The vacuum lifting device VacuMaster from Schmalz is the ultimate workhorse. Whether handling metal plates, wooden boards and plastic sheets – the VacuMaster tackles even the heaviest tasks with ease weights up to 750 kg. For applications where many hands would normally be required, the VacuMaster allows workpieces to be handled effortlessly by just a single operator while protecting the employee’s health.

APPLICATION

- For handling large, flat and typically non-porous workpieces
- Loading CNC laser cutting machines with metal plates
- Loading CNC machining center's with wooden boards or plastic sheets.

PRODUCT HIGHLIGHTS

- Efficient, non-damaging handling of heavy loads.
- To work ergonomically and protect the operator’s health.
- Excellent work safety and process reliability thanks to the vacuum reservoir and audible warning device.
- Long service life due to a robust mixture of steel.
- Low operating costs thanks to a controlled vacuum generator with energy-saving.
- Fast Setup – No slings or chains needed.
- Precise Handling – Easy, accurate load positioning.
- Multi-Material use – Handles concrete, wood and more.
- Solo Operation – Efficient one-person use.

VACUMASTER



- ① Visual Indicator
- ② Digital vacuum gauge
- ③ Motor protection switch
- ④ Vacuum gauge (manometer)
- ⑤ Operator handle – Schmalz chain hoist pendant can be attached
- ⑥ Vacuum on/off – picks up and releases the load via a highly reliable manual slide valve
- ⑦ Chain hoist up/down – lifts and lowers the load
- ⑧ Emergency-stop function for chain hoist

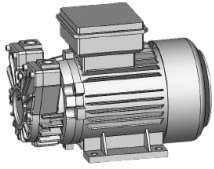
Type	Max lift capacity		
VacuMaster Horizontal	250 kg	500 kg	750 kg



Vacuum Lifting Devices VacuMaster

STANDARD SYSTEM CONFIGURATION

VACUUM GENERATOR



Vacuum pump

Electric vacuum pump designed for smooth, suction-tight workpieces, featuring a controlled vacuum system with energy-saving technology.

MOD WITH DIGITAL & ANALOGUE GAUGE



Precise vacuum monitoring

Shows precise reservoir vacuum levels and helps regulate the vacuum level with auto-on pump control to maintain system vacuum, featuring an analogue vacuum gauge that displays the vacuum level during operation.

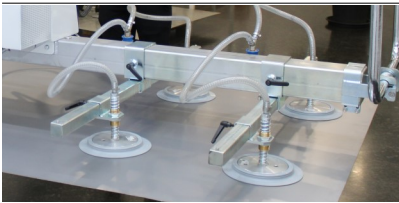
MANUAL SLIDE VALVE



Reliable and safe vacuum control

VacuMaster with manual slide valve for high safety by double actuation and anti-trap protection. Prevents unwanted losing of the load.

LOAD BEAM & CONNECTION ELEMENTS



Light, robust and flexible

Thanks to mild steel for main beam and cross beams construction.

VACUUM RESERVOIR



Integrated vacuum reservoir

The large vacuum reservoir prevents the load from falling in the case of a power failure and makes gripping faster during repeated lifting processes

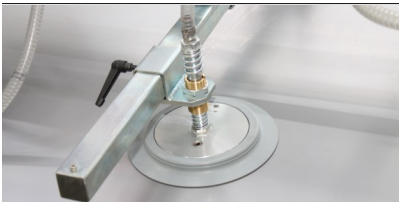
SUCTION PLATES



Versatility for every task

Allows for optimal adaptation to the workpiece and to requirements such as heat resistance and mark-free gripping. Select from suspension which is rigid, spring-mounted or both flexible and spring-mounted.

FLEXO LINK & SPRING PLUNGER



Allows suction cups to grip on uneven surface

PAD DISCONNECTOR



Adapts to changing workpieces with the vacuum gripper shut-off valve several vacuum grippers can be turned off for handling of cut pieces or pieces with gaps.

QUICK-CONNECT ELECTRICAL CONNECTION



The plug allows the lifting device to be easily connected to the power supply and then quickly disconnected if necessary.

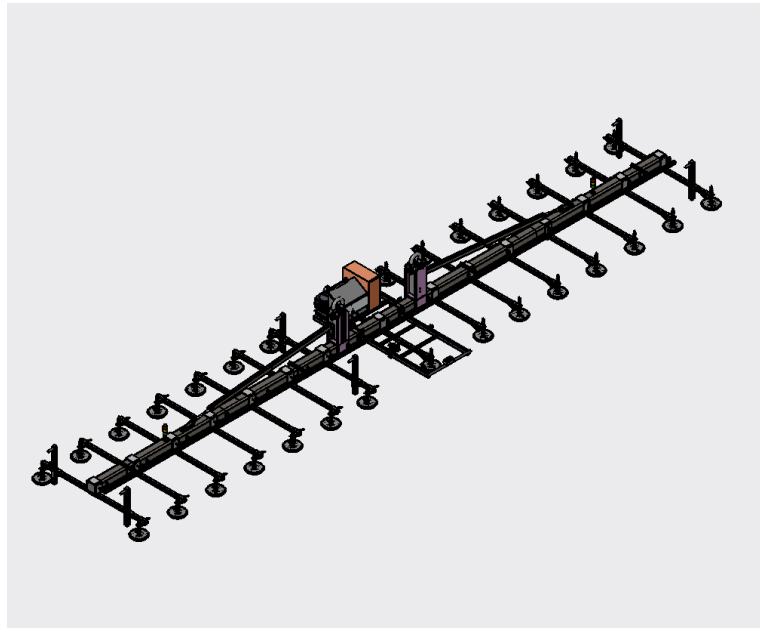
Vacuum Lifting Devices VacuMaster

JIB CRANE AND HOIST



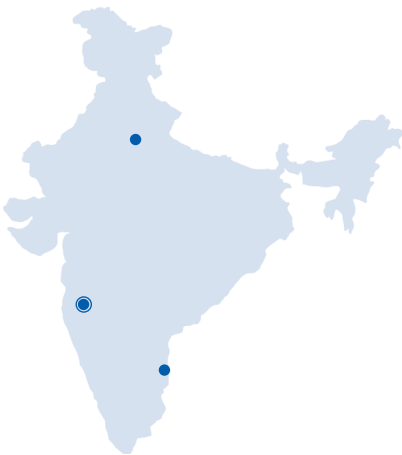
Jib Crane and Hoist for loading and unloading CNC machine

VACUMASTER VARIO



Customized solutions upto several tons available on request

Schmalz India - Offices



- Head office - Pune
- North and East India office - Noida
- South India office - Chennai



Schmalz India Pvt. Ltd.
EL - 38 "J" Block, MIDC Bhosari
Pune - 411 026
T: +91 20 691155-00
schmalz@schmalz.co.in
WWW.SCHMALZ.COM