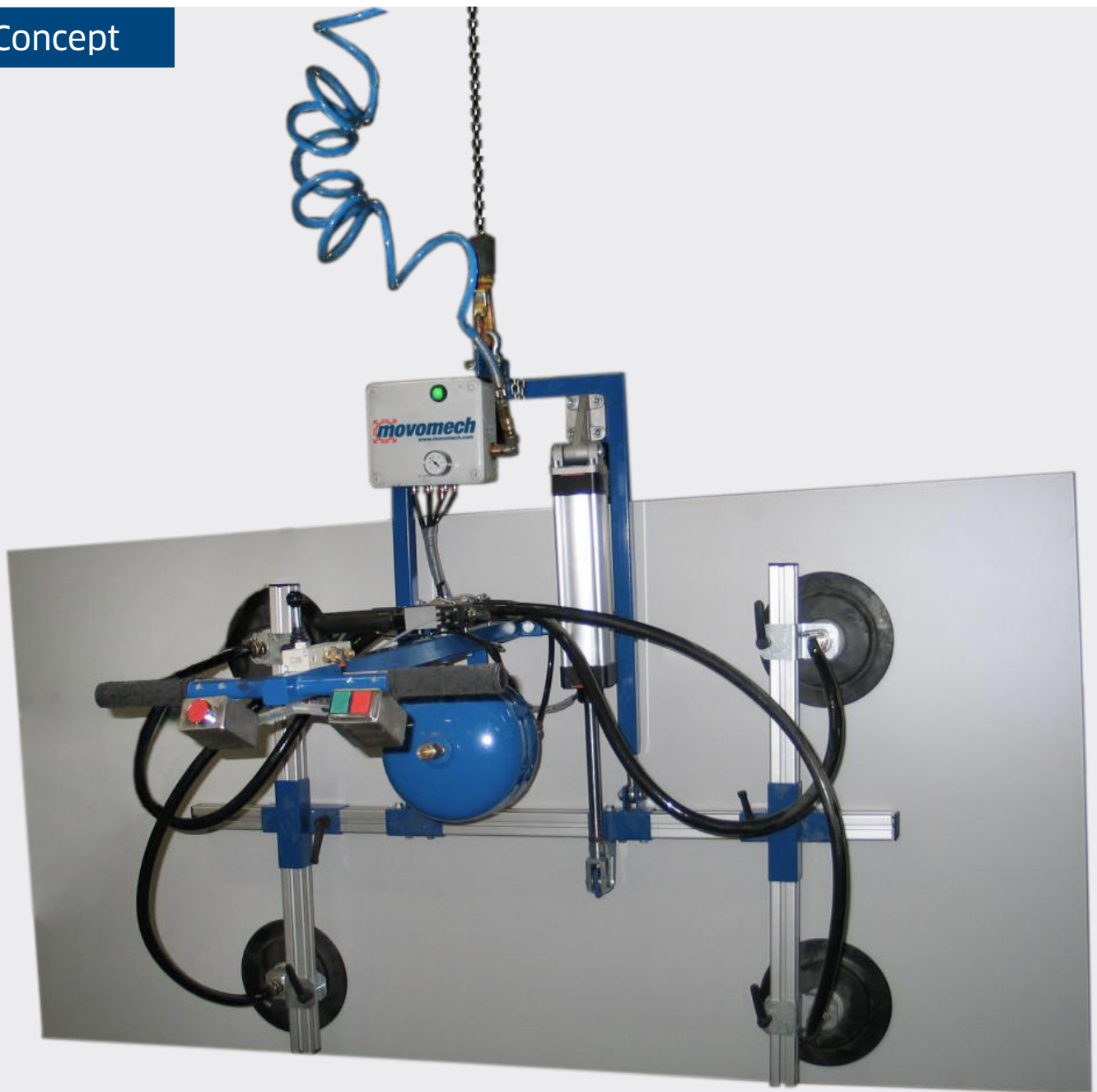


Concept



Movomech panel handling

Ergonomic panel handling

Introduction

Lifting flat panels is one of the most recurring jobs performed daily at our places of work. Sheets of glass and metal, doors and particle boards are some of the types of panels that are handled.

Handling panel material is usually both heavy and not ergonomic, and may cause repetitive strain injuries and days off sick.

A concept for improved ergonomics

To prevent these problems, Movomech offer a wide range of solutions to simplify lifting operations and improving operator ergonomics.

”

Welcome
to share our
concepts for safe
and ergonomic
panel handling!

”

Which concept suits you?

V

Vacuhand V

The Vacuhand vacuum lift combined with an H-yoke will provide simple and rapid handling of panels of up to 100 kg.

AGR

Automotive Glass Repair

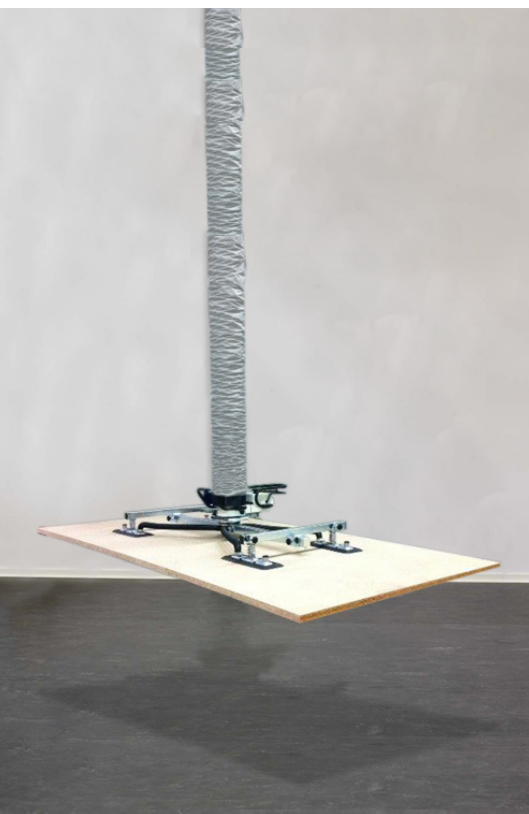
AGR is the concept that will turn automotive glass repairs into a one-man job that is...
...efficient
...economical
...ergonomic!

TM

Tiltmaster

The panel handling tool Tiltmaster is available in two versions for mounting in a hoist or onto the Mechlift pillar lift. Tiltmaster will provide ergonomic and safe handling of large and unwieldy panels.

Every concept has several versions for that made-to-measure solution.





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Sheets of glass and metal, doors and particle boards are some of the types of panels that are handled.

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Panel handling with Vacuhand V

Simple handling function

Vacuhand V with a flexible H-yoke will help you to handle panels of up to 100 kg, efficiently and easy, such as glass, sheet metal, windows and doors. The lifting and lowering functions are controlled with one lever, providing ergonomics, safety and precision.

Made-to-measure solutions

A large range of standardised gripping tools and accessories as well as lengthened and articulated handles, make it easy to adapt the lifter to your needs and requirements.

Low energy consumption

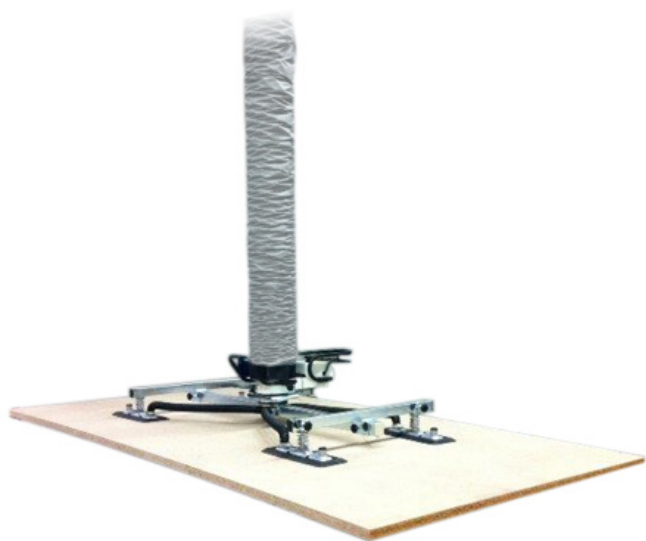
The tool is designed to leak as little as possible, which ensures the performance and lower energy consumption.

Adjustable floating position

The controls on the control handle make it simple to set the floating position, with and without load.

Many installation possibilities

There are many ways of installing our tools so as to suit the requirements that the customer has. The Vacuhand V may be mounted onto a wall or pillar-mounted turning crane. A roof-mounted rail system is best if you need a wider-ranging work area.



Please contact your sales representative for more information.

Automotive Glass Repair – AGR

Rapid and simple locking

The AGR equipment consists of a pneumatic glass handling tool and a chain hoist. Together they form a concept of simple automotive glass repair - performed by ONE fitter!

Unique design

The tool has been developed together with car glass repair professionals, and it is designed to provide optimum ergonomics combined with safe handling of the products. The work becomes easier and safer for the operator that does not have to work in uncomfortable working positions, and will thus reduce the risk of work-related injuries.

Two versions

The automotive glass repair tool is available in two sizes, for maximum weights of 80 kg or 110 kg respectively.

Simple and flexible installation

The AGR tool with hoist may be mounted to a wall or pillar-mounted turning crane. A roof-mounted rail system is best if you need a wider-ranging work area.

Profitable ergonomics

Handling vehicle windscreens can be a heavy and fatiguing job. Investing in good ergonomics will increase profitability with a quicker production process, less damage and happier workers.

In some cases, the installing of these tools will be partially financed by the Social Insurance Agencies.

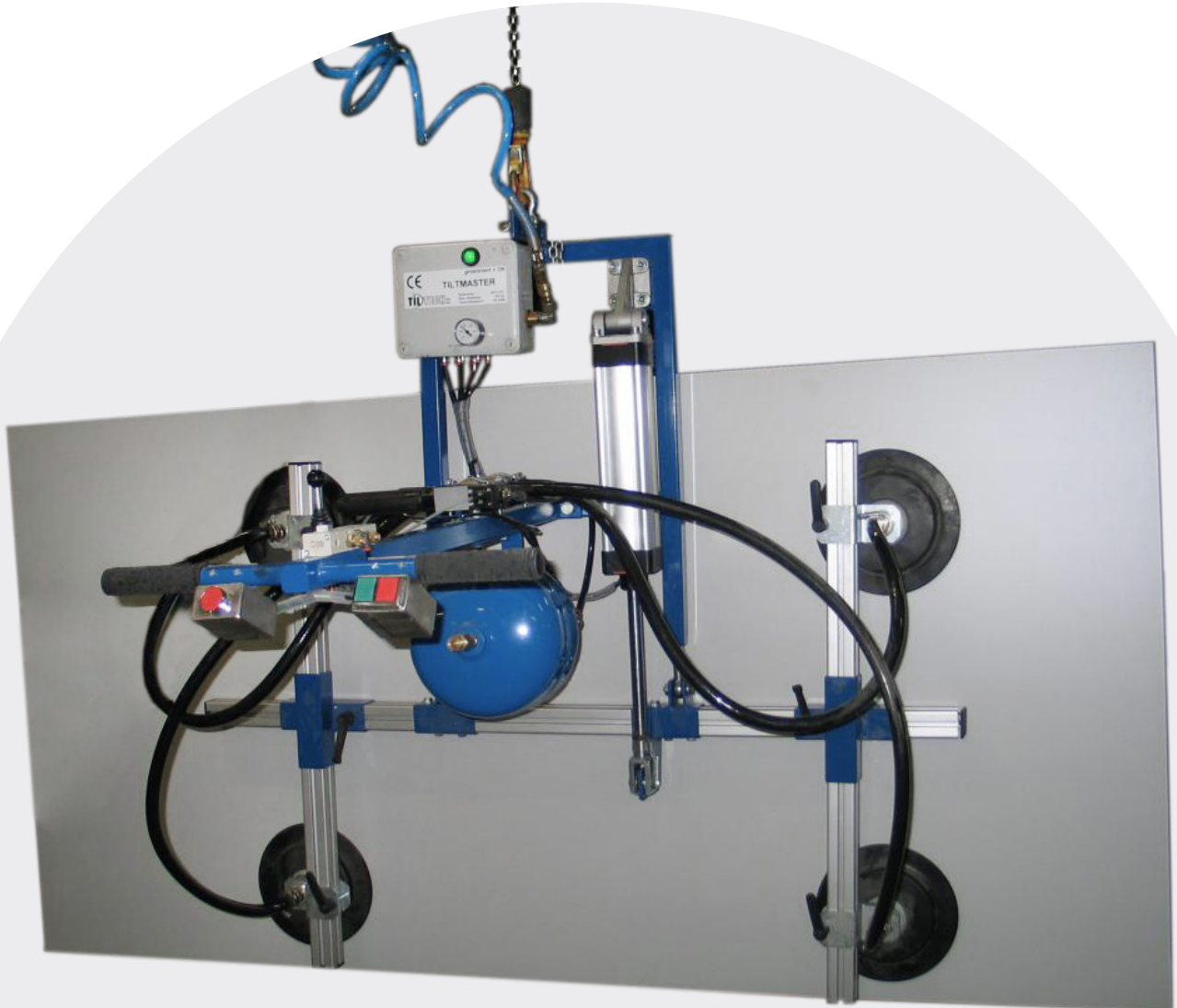
Please contact your
sales representative
for more information.



”

Simple automotive glass repairs – performed by ONE fitter!

”



”

A hoist with
Tiltmaster lifts and
tilts panels of up to
100 kg!

”

Panel handling with Tiltmaster

Safe and reliable handling

The Tiltmaster panel handling tool is a safe and reliable vacuum tool for handling glass and panels up to 100 kg and sizes from 800x600 mm up to 3000x1500 mm.

Tilting function

The tool has a 90° tilting function that is activated with a joystick. The tilting function makes it possible to tilt the panel in any position for placement in racking, or for easing maintenance or assembly work when the panel is locked in the tool.

Safety in focus

The Tiltmaster has many safety features to ensure safe and reliable lifting, such as:

- twin command for release of the load
- check valve and compressed air buffer
- vacuum eye for indication of lift=OK
- a vacuum manometer that displays the vacuum level

High flexibility

The design of the tool is flexible, and the suction cups can be moved with simple manipulation to fit various panel sizes.

Economical and quiet

The Tiltmaster is particularly good at handling porous wood items, such as MDF. For non-porous materials, the energy saver function reduces the requirements for compressed air by 90%, which will give quiet and economic handling.

Many installation possibilities

The tool is installed in combination with an electric hoist for simple and smooth handling. The equipment may be installed onto a wall or pillar-mounted turning crane. A roof-mounted rail system is best if you need a wider freedom of movement.



Mechchain 125



GMC 200



Tiltmaster

Panel handling with Tiltmaster-ML

Safe and reliable handling

For heavy panels, and for strict requirements of stability, we recommend the panel handling tool Tiltmaster-ML combined with the electric pillar lift Mechlift.

The Tiltmaster-ML panel handling tool is a safe and reliable vacuum tool for handling glass and panels up to 200 kg and sizes from 1000x1000 mm up to 3000x1500 mm.

Several versions

The tool is available with either manual or powered tilting function, and with fixed or adjustable suction cups.

Safety

All versions of the panel handling tool Tiltmaster-ML are equipped with a number of safety features, such as a check valve, twin vacuum circuits, vacuum indicator, manometer, etc.

Installation

The electric Mechlift is installed in a roof-mounted rail system, and the stroke of the system and the range is adaptable to the job requirements at the site.

Investment in ergonomics is economically viable in the long term!

Investments in operator ergonomics will quickly pay itself back. The operator feels less fatigued, and the risks of future repetitive strain injuries are reduced.

Investing in a reliable and productive product will give you the most economically competitive solution.

There are many versions available...

... ask your sales representative for more information!





”

Mechlift with
Tiltmaster lifts, tilts
and rotates panels of
up to 200 kg!

”

Contact

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