

THE INSULATION UNIT FOR THE
INDUSTRIAL CONSTRUCTION OF WOODEN ELEMENTS



ISOBLOW
ELEMENTs

ISOCELL

ISOBLOW ELEMENTS

EASY OPERATION

Simple and straightforward use via touch display. Operation via tablet or PC is available as an option.



ATTACHMENT POINTS

For easy attachment to the hoisting crane.

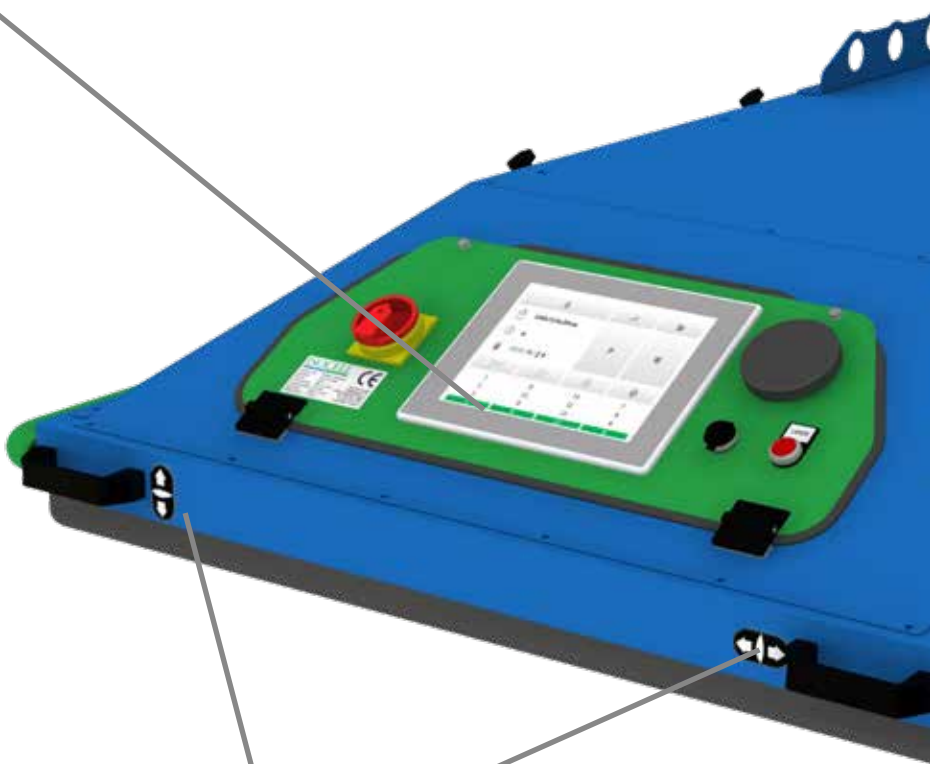
EVALUATION OF BLOWING DATA

Blowing time, adjustment and weight of the field and the total weight of the element are saved and used for quality control.

INTERFACE TO CAD PROGRAM

The import of CAD data of the most common programs like SEMA, Dietrichs, CadWork. in 3D-DXF is possible.

An evaluation sheet is used to record and evaluate the weighing data for quality assurance purposes. Remote maintenance possible.



OPTIONAL:
INTEGRATED CRANE CONTROLS



NO EXPOSURE TO DUST

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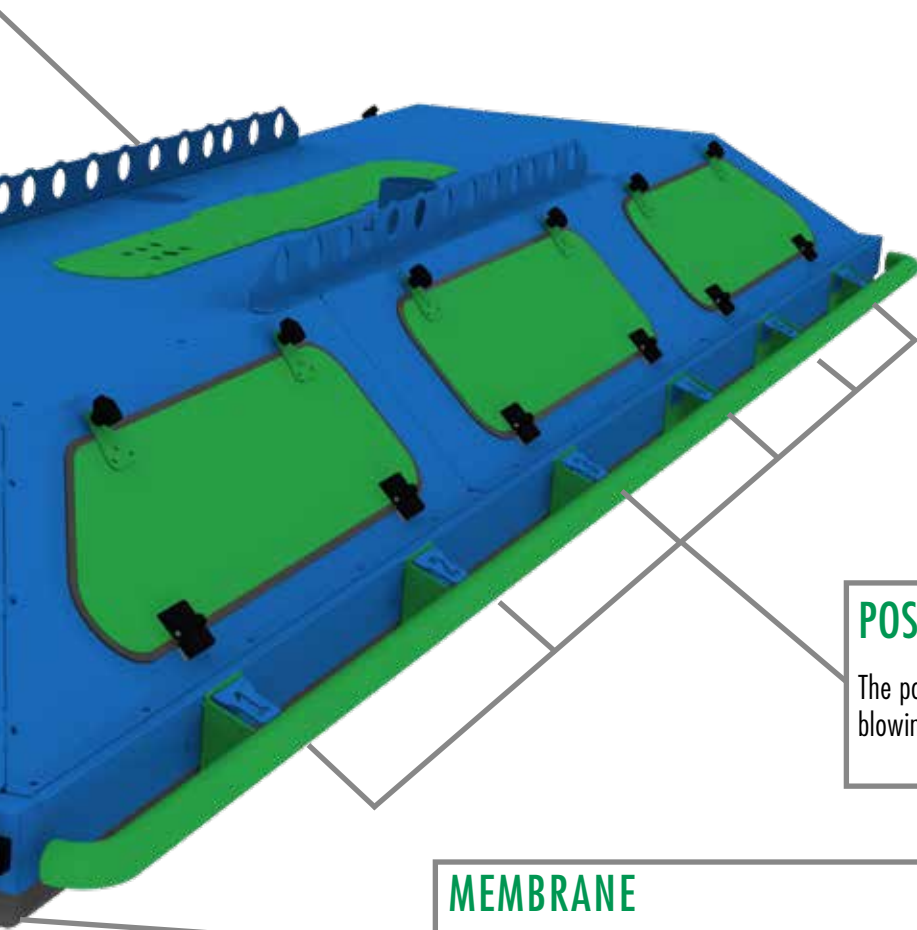
FLEXIBLE FOR ALL TYPES OF INSULATION

COMPATIBLE

Whether big bale system or mobile blowing machine, whether industrial wood construction or a joiner's workshop – ISOBLOW ELEMENTs blowing plate can easily be integrated into existing assembly lines.

SPECIFICATIONS

	4 nozzles	6 nozzles
Dimensions:	300 x 100 cm	325 x 100 cm
Height:	630 mm	630 mm
Weight:	300 kg - 500 kg	300 kg - 500 kg
Number of nozzles:	4	6
Electrical connection:	230 V / 16 A	230 V / 16 A
with opt. Booster	400 V / 50 Hz 32 A	400 V / 50 Hz 32 A
Compressed air:	filtered, 6 - 8 bar	filtered, 6 - 8 bar



OPTIONAL:

1-2 EXTRA BOOSTER

for long cable lengths or long-fibre blow-in insulation, e.g. wood fibre



POSITION LASER ON EVERY JET

The position lasers simplify the aligning of the blowing plate.

MEMBRANE

Dust-free and efficient work is possible thanks to optimum surface pressure and the specially developed membrane.



Video



— LATION

—

EASY OPERATION

—

VERSATILE USE

VARIABLE HOISTING TECHNOLOGY





THE OPTIMAL SOLUTION

The advantages of ELEMENTs blowing system are amongst other things, the simplified production stages, the optimum blowing control and the precise quality control via the display.

One insulation panel - variable hoisting technology depending upon hall layout :

1 Hoisting system

Hoisting system and/or swivel arm: the ISOblow blowing plate is lifted onto the elements to be insulated using the overhead crane. A swivel arm, mounted on the floor or the wall is an economic alternative. This avoids the need for an indoor crane.

2 Gantry Crane Solution

By means of a "bridge" or "portal", that runs on two parallel tracks the ISOblow Elements blowing plate is positioned onto the wood construction element. The blowing plate is raised and lowered by means of a pneumatic cylinder. This is constructed individually and made to match the production table and the customer's specification.

3 One track system

ISOblow blowing plate is positioned on the tracks above the elements. The plate is controlled via the control board on the construction or by tablets or PC. The aligning guides can be on the floor or the wall.



Suitable for all – insulation materials

CELLULOSE



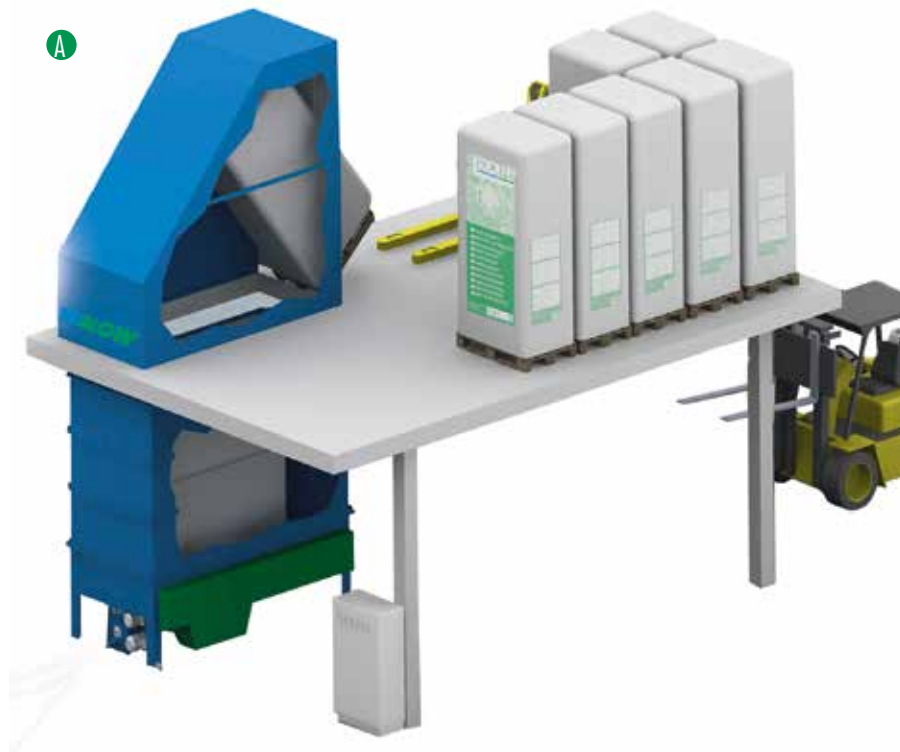
WOOD-FIBRE



ROCK- AND MINERAL WOOL



ISOBLOW BIG BALE TECHNOLOGY



ISOCELL BIG BALES

For many wood construction plants the most efficient method of insulation by far is the use of ISOCELL big bales. 2 systems are available for handling these big bales:

A Feed through platform:

Up to 6 big bales à 250 kg are tipped into the machine through an intermediary platform. It is therefore possible to process up to 1,500 kg of insulation in just one step.

B Vertical big bale cutter:

A very space-saving solution is the use of a big bale cutter. The ISOCELL big bales are pushed into the machine from behind with a forklift. The bales are cut in layers from top to bottom. The material falls into the blowing machine and is transported from there to the ISOBLOW ELEMENTS blowing plate.



Big bale technology is not necessarily the most practical technology for all engineers in timber construction.

Every powerful ISOBLOW blowing machine can be combined with the ISOBLOW Elements blowing plate.

This way flexibility is guaranteed – whether insulation takes place in a factory or on a construction site.



PERFECTLY INSULATED

With the ISOBLOW Elements blowing system

ISOCELL is offering the next generation in blowing solutions for industrial wood construction. Insulation is provided for wooden construction elements covered on one side – regardless of insulation thickness and covering.

Contract - Vario GmbH, Germany



“We used to use a nozzle for blowing. The production process is simplified using the blowing plate and production time is considerably shortened. Especially the drilling and sealing of holes saves a fair amount of time. Even interior walls with 8 – 12 cm are no problem for the Isoblow Elements blowing plate. Now we insulate only with cellulose.”

Ralf Grützmann, Contract - Vario

Holzbau Erni AG, Switzerland



“We often invite our customers to follow the production process of their house. This way they are convinced of the construction quality.

The customers are then given technical documentation of the weighing unit and photos of the insulated elements. This way they can be sure that their house is perfectly insulated.”

Peter Henggeler, Holzbau Erni AG

Werkstoff Holz Holzbaumanufaktur, Switzerland



“We are satisfied customers of cellulose and airtight products. The blowing plate makes quick and economic work possible. The fit is accurate; every gap has been optimally insulated. This is a high standard of quality that ISOCELL offers us here and one we can rely on.”

Remo Brändli, Werkstoff Holz Holzbaumanufaktur

Holzbau Eder, Germany



„In the past, insulation has been done by hand with insulating mats. This was time-consuming and difficult to integrate into the fabrication process. With ISOCELL’s blow-in technology we can optimise processes and quality. With ISOCELL cellulose we offer an ecological, high-quality insulation material for our wooden buildings.“

Franz Eder, Holzbau Eder GmbH

DEFINITELY SUPERIOR TECHNOLOGY



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