

INSULATING HAS NEVER BEEN SO SIMPLE

- Integrated quality assurance for optimum insulating results
- Increase in efficiency thanks to automation and powerful machines
- Unbeatable price-performance ratio



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Our employees will
be happy to answer
any questions!

**isofloc**[®]



WHAT MOTIVATES US

The easyfloc industrial insulation system is an essential work instrument for the pre-fabrication of elements in the works and sets new standards in timber construction.

Prefabrication in industrial timber construction has developed immensely in recent years. More and more timber construction companies are choosing to relocate an increasing portion of the work from the building site to the works. Modern production lines, a high degree of automation and the optimisation of both cost structure and quality have become essential. The easyfloc industrial insulation system keeps step with this development and allows you to significantly increase the efficiency, cost-effectiveness and quality of your insulating stations. The system is suitable for the efficient insulation of prefabricated timber construction elements that are open at the top. It is based on 30 years of experience of isofloc in the processing of injectable insulating materials and was developed in close co-operation with timber construction companies. Numerous satisfied customers are already benefiting from the advantages.

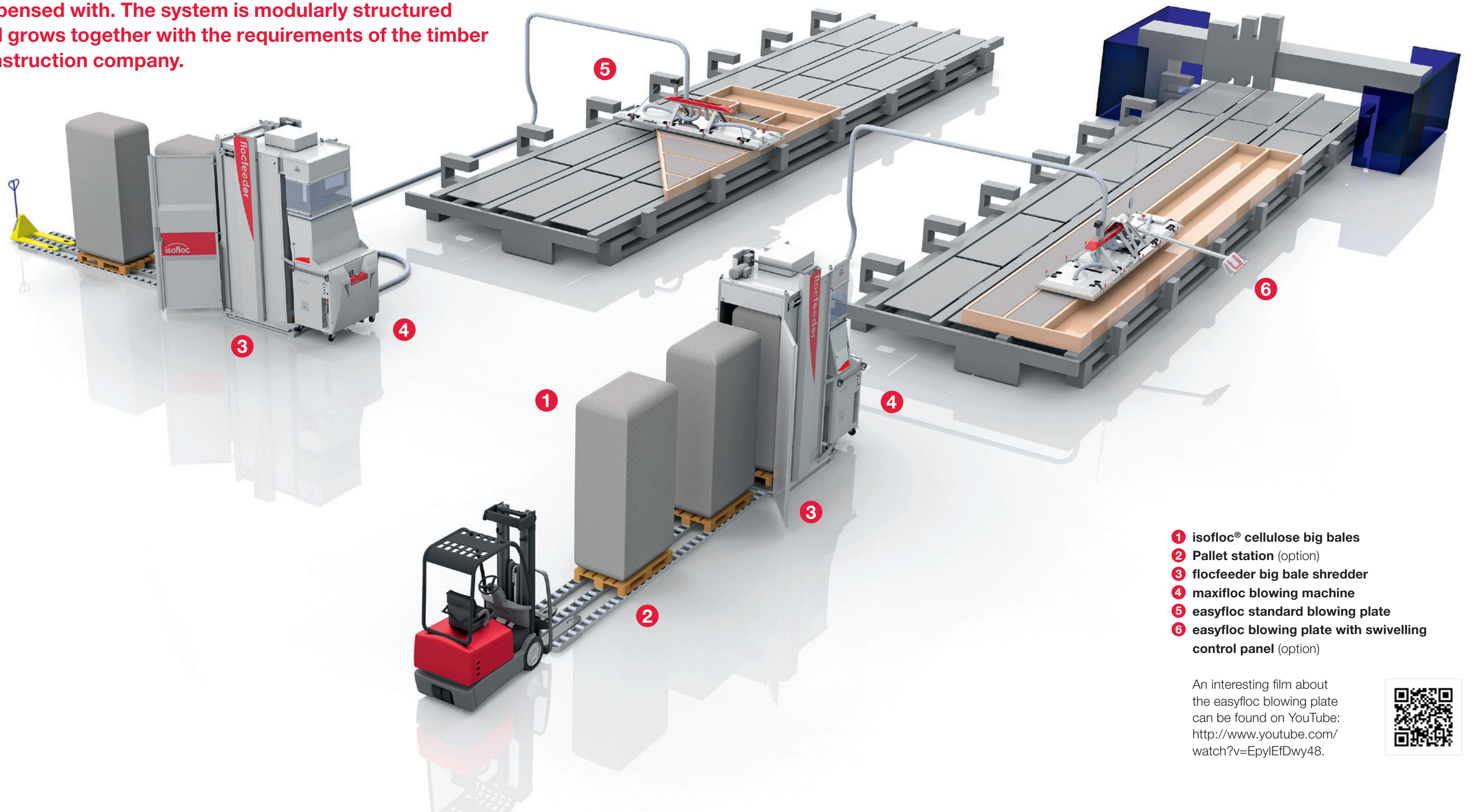
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SUCCESS WITH A SYSTEM

The easyfloc industrial insulation system is designed for integration in existing production lines and thus ensures an optimum manufacturing process. Separate insulating stations outside the production line can be dispensed with. The system is modularly structured and grows together with the requirements of the timber construction company.



- 1 isofloc® cellulose big bales
- 2 Pallet station (option)
- 3 flocfeeder big bale shredder
- 4 maxifloc blowing machine
- 5 easyfloc standard blowing plate
- 6 easyfloc blowing plate with swivelling control panel (option)

An interesting film about the easyfloc blowing plate can be found on YouTube: <http://www.youtube.com/watch?v=EpylEfDwy48>.





1

ISOFLOC® CELLULOSE BIG BALES

PROPERTIES

The pressed isofloc® cellulose big bales, which weigh 350 kilos each, are the first choice for the insulation of prefabricated timber construction elements in the works. With big bales the refilling time is reduced and thus considerably greater autonomy is achieved. This leads to low handling costs and outstanding profitability.

PROCEDURE

The isofloc® cellulose big bales are unpacked, placed on the pallet station (optional) or placed directly into the flocfeeder big bale shredder.

2

PALLET STATION (OPTION)

PROPERTIES

The easyfloc industrial insulation system can be extended with a feeding line for isofloc® cellulose big bales for greater automation. The pallet station is available in various automation steps.

PROCEDURE

Depending on the degree of automation the flocfeeder is fed automatically with big bales. The length and thus the refilling interval of the pallet station can be chosen individually.

3

FLOCFEEDER BIG BALE SHREDDER

PROPERTIES

Due to its lean design the flocfeeder big bale shredder has only a very small footprint. The flocfeeder and the maxifloc blowing machine can even be placed outside of the manufacturing building. Operation takes place using a convenient touchscreen. The operating state and operating data are displayed in a clear form.

PROCEDURE

The flocfeeder big bale shredder processes the isofloc® cellulose big bales automatically and with minimum dead times. The pre-shredded flakes are fed to the maxifloc blowing machine.

4

MAXIFLOC BLOWING MACHINE

PROPERTIES

The maxifloc is a very powerful blowing machine. Thanks to its high throughput it is the optimum blowing machine for the easyfloc industrial insulation system. A 3-shaft shredder with a patent-pending counter-agitator shreds the cellulose fibres perfectly and ensures a constant flow of material.

PROCEDURE

The cellulose fibres pre-shredded by the flocfeeder are finally shredded by the maxifloc and blown to the easyfloc blowing plate.

5 + 6

EASYFLOC BLOWING PLATE

PROPERTIES

The easyfloc blowing plate is an essential work instrument in industrial timber construction. It can be integrated into existing production lines, since different suspension methods and versions are possible.

PROCEDURE

The easyfloc is placed by a crane on the element, which is open at the top; the injection process then takes place automatically. The blowing plate stops automatically on reaching the desired injection density and indicates the weight of the insulation for quality assurance purposes. The insulation result can be inspected visually and by touch. After saving all blowing data for quality assurance purposes, the filled element is passed on for further production.

OPTIONS

If the blowing plate is to be used both for longitudinal and for transverse operation, the control panel is mounted on a swivel arm for simple operation.



INCREASE IN EFFICIENCY AND QUALITY

In the easyfloc industrial insulation system the product and the injection technology are optimally matched. The advantages of the cellulose insulation are utilised to the full as a result. In addition to an increase in quality, the easyfloc industrial insulation system also makes a considerable increase in efficiency possible.

High filling performance

The isofloc® big bale technology, the efficient flocfeeder big bale shredder with its short dead times and the maxifloc high-speed blowing machine produce a high filling performance.

Automatic filling process

After the positioning of the easyfloc blowing plate on the timber construction element, the injection process takes place automatically in conjunction with the maxifloc and the flocfeeder according to an optimised filling logic. Hence, rapid filling is possible.

Personnel optimisation

With the easyfloc industrial insulation system the insulation work can be accomplished by one person. Thanks to the high filling performance and the automatic filling process, a higher performance is possible despite reduced use of personnel.

Eliminate bottlenecks

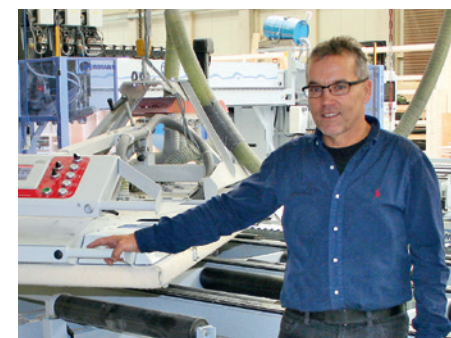
Insulating stations are often the bottleneck in production. The easyfloc industrial insulation system is twice as fast as inserting insulating mats by hand. Hence, the output performance of the entire works can be increased.

Freedom in the choice of cladding

Since the element lies on the table and is insulated with the top open, the cladding can be freely selected. Stable cladding able to withstand the blowing pressure is no longer necessary.

No filling openings necessary in the timber construction element

Considerable cost savings are possible with the easyfloc industrial insulation system, since no filling openings need to be planned, drilled and closed again.



«Cellulose fibres as an insulating material were always indisputable for me, but their economy surprised me. It was possible to reduce the injection times and isofloc kept their promise to me. I wouldn't want to give easyfloc back again!»

Peter Mangold, PM Mangold Holzbau AG, Ormalingen

Moser Holzbau AG, Gossau ZH



«For ecological and economic reasons we are convinced by the easyfloc injection system and the isofloc cellulose fibres.»

Philipp and Walter Schöb, Schöb AG, Gams

Integrated quality assurance

The flocfeeder big bale shredder with the maxifloc blowing machine is equipped as standard with load cells. Hence, the filling weight of the individual compartments can be determined and displayed. All injection data are recorded and saved. In addition they can be added together in a summing memory; this can be reset manually. All the data from the filling processes are stored in the controller and can be forwarded to a higher-level system via the hard-wired and wireless interfaces (Ethernet, WLAN, USB).

Visual inspection of the insulation result

Due to the filling of the element with the top open, the result can be judged visually and by touch at any time.

Homogeneous, reproducible results

Thanks to the automatic, computer-controlled filling process, the injection result is reproducible within narrow limits, independent of personnel.

Low-dust operation

The filling process is to the largest extent dust-free, since the flocfeeder big bale shredder and the maxifloc blowing machine operate closed and the conveying air in the easyfloc is filtered.

Everything from one source

With the easyfloc industrial insulation system you only need one partner for insulating material, machines, training and consultation. All components are matched to one another for optimal results and you benefit from a 10-year guarantee on the settling security of the isofloc® cellulose fibres.

Individual consultation

The work processes, the product range, the degree of automation and the cost structures are different in every company. Therefore isofloc offers you individual consultation so that you can get the maximum benefit from the easyfloc industrial insulation system. We will be only too pleased to invite you to a demonstration in our Swiss works. Fill an element yourself with the easyfloc blowing plate and see for yourself the advantages of this insulation system.



