



A STEP AHEAD WITH PERFECT BLOW-IN TECHNOLOGY

# PROFIT FROM OUR EXPERIENCE

*Innovative machine technology for the installation of cellulose insulation on the construction site and for the pre-fabrication of wooden elements for construction – customised solutions to meet all requirements.*

ISOBLOW blowing machines make the task of a cellulose installer easier and more efficient. Only excellent fibres, high-performance blowing systems and user-friendly accessories for blowing can guarantee high-quality and fast installation.

## A PRODUCT IS ONLY AS GOOD AS ITS TREATMENT

ISOCELL regularly holds courses where both beginners and experienced blowers of ISOCELL cellulose are trained and awarded certification. At ISOCELL's training centre the different constructions and situations found on building sites are demonstrated with models and new applications are tested. Furthermore, meetings where experts have the opportunity to exchange their experiences are conclusive and encourage the development of new technologies.



Research & Development



Tried-and-tested Accessories



Clean Operation



Blow-in Courses



RESEARCH - DEVELOPMENT - TRAINING - SERVICE

## ISOCELL PROVIDES COMPETENT TECHNICAL ADVICE

ISOCELL offers you many years' experience as a manufacturer of airtight products, ISOCELL cellulose insulation and blow-in equipment. You have a reliable and competent partner in ISOCELL. We are always pleased to advise on questions concerning blowing equipment (even machines from other manufacturers), on blow-in procedure itself or on constructions etc.

## ISOCELL SERVICE AND MAINTENANCE

ISOCELL is not only your partner for new blow-in systems but also for used machinery. At our in-house service facility we service and repair blowing equipment (also products of other manufacturers). ISOCELL buys and sells used blowing equipment of all brands.



## BLOW-IN COURSES

Courses for 10 – 15 persons are held every autumn and spring. When there is sufficient interest, courses can also be held at different times. If you have questions, please contact:



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Custom-made systems



Individual solutions



Training





# ISOBLOW SMART

is a very compact, light and ergonomically friendly blowing machine. It is used mainly in refurbishment for the insulation of pitched roofs, for loose blowing and for core insulation.

2 hard-wearing shredder shafts ensure the insulation material is well loosened and a powerful blower provides the necessary air output. A 5-chamber airlock is relatively large in proportion to the size of the machine. The airlock size and the 3" outlet guarantee high performance.

Standard operation of the ISOblow Smart is by radio remote

controls with a cord. As an option the machine can also be operated by a 4-channel radio remote control. The air volume is regulated from the switch box.

Material flow is controlled by an airlock slide-gate.

Filling is supported by a practical shelf. On special request an optional inlet can be supplied for free-flowing insulation.

## THE PERFECT MACHINE FOR BEGINNERS

In France it is quite common to insulate the top-floor ceiling by loose blowing. This blowing machine is ideal for this purpose. It is small, lightweight and easy to operate. Its performance permits insulation work on the 4th or 5th floor. I recommend the ISOblow Smart as a 'beginners' machine' to customers who are starting up work with blowing machines. The numerous settings available make it possible to use the correct density for a variety of applications.



*Cathy Grünweiser,  
ISOCELL France*



Optional: operation via 4-channel radio remote control



A practical shelf facilitates filling



Operates with single-phase current



Air-flow regulation from switchbox



Material- flow regulation via slide-gate



Air flow can be increased by connection to a booster station



2 hard-wearing shredder shafts ensure optimal loosening



Increased capacity with 3" airlock outlet



## ALL ADVANTAGES AT A GLANCE

- single-phase current is adequate
- lightweight, ergonomically friendly
- large hopper with two shredder shafts
- powerful shredders ensure optimal loosening of insulation
- tray for material facilitates filling
- 5-chamber air-lock with abrasion-resistant rubber seals. No pressure loss – minimum wear-and-tear
- powerful blower
- operation is easy via radio remote control with cord or 4-channel radio
- airflow controlled from switchbox
- material flow controlled via slide-gate
- easy to transport
- a booster station can be connected
- low maintenance
- economical
- flap valve

## TECHNICAL DATA ISOBLOW SMART / SMART PLUS

<b>Dimensions (LxBxH):</b>	80 x 65 x 140 cm	
<b>Weight:</b>	105 kg / 110 kg	
<b>Hopper:</b>	220 l = 1 sack ISOCELL	
<b>Motor:</b>	1 x 0,75 kW	
<b>Blower:</b>	1 x 1,7 kW / 2 x 1,4 kW	
<b>Total performance:</b>	2,5 kW / 3,55 kW	
<b>Air output SMART:</b>	approx. 350 mbar blow pressure (max) / 195m³ air volume / h (max)	
<b>Air output SMART PLUS:</b>	approx. 350 mbar blow pressure (max) / 360m³ air volume / h (max)	
<b>Electrical connection:</b>	230 V / 50 Hz, 16A (single-phase is adequate)	
<b>Hose connection:</b>	3 " (76 mm)	
<b>Controls:</b>	50 m radio remote control cord 4-channel radio control	
<b>Output:</b>		
<b>loose blow:</b>	approx. 600 kg / h	
<b>dense blow:</b>	approx. 200-250 kg / h / approx. 400 kg / h	
<b>Roof:</b>	up to 20 cm thick insulation / up to 40 cm thick insulation	
<b>Wall:</b>	up to 16 cm thick insulation / up to 16 cm thick insulation	
Output data based on cellulose insulation		

# ISOBLOW MINI PLUS

The 'ISOblow family' wonder using single-phase current.

A specially designed shredding system, two high-performance blowers, a 5-chamber air-lock and a well-thought-out construction result in an all-purpose blowing-machine. Fibre insulation such as cellulose, soft wood, glass wool and rock wool can be handled just as easily as loose and free-flowing insulation materials for core insulation.

Operation of the ISOblow Mini Plus and control of the air-flow is via ISOCELL's radio remote control.

Material flow can be regulated via an air-lock slide gate.

Due to its size, high capacity, air output, ease of operation and, last but not least, the fact that operation is possible with single-phase current, the ISOblow Mini Plus can be recommended for use in refurbishment work.

## IDEAL FOR ROOFS, WALLS AND CEILINGS

My main business is the insulation of roofs, ceilings and walls with cellulose, besides which I offer interior wall insulation and also core insulation. I have been working with the ISOblow Mini since 2009. In 2011 I had it modified to a Mini Plus.

When blowing into higher storeys the increased performance is apparent and I am now considerably faster. I remember a large construction site with these requirements: 4th floor (9 m rise), 55 m hose length. One ceiling with a WoodyFix construction, 22 cm insulation, dense blow. I used only 70% of the machine's possible air capacity here, leaving it with sufficient reserves.

I also find it practical to be able to use the machine's suction function. I use this to clean up on site.

*Firma Frank Feddersen, Wanderup, Deutschland*

## WHERE THERE IS NO 3-PHASE POWER.... THEN MINI PLUS

I usually work with an ISOblow Profi. I use the ISOblow Mini Plus if there is no 3-phase current on the construction site (generally the case with refurbishment). This is usually for roof insulation with rises in height of 7 – 8 m and insulation thicknesses of 20 – 24 cm. The performance of the Mini Plus is totally adequate for such purposes. I can make use of full capacity (with material slide-gate fully open, using approx. 80% of blower capacity).

*Alfred Dorn, Firma ISOblow Burladingen, Deutschland*



Vacuum suction in combination with an ISOCELL suction bin



ISOCELL radio remote control for simple operation without troublesome cord



Material slider



Handy and easily transported



Practical, robust hopper feed



Single-phase current



Air output can be increased by connection to a booster station



## ALL ADVANTAGES AT A GLANCE

- single-phase current is adequate
- ergonomically friendly
- large hopper with two shredder shafts
- simple filling via hopper flap
- extension is removable
- machine is easily opened to facilitate maintenance and trouble-shooting
- robust shredding equipment provides optimal loosening
- 5-chamber air-lock with abrasion-resistant rubber seals. No pressure loss – minimum wear-and-tear
- 2 powerful blowers
- flap valve protects the turbines from backflow
- operation is easy via radio remote control
- material flow controlled via airlock slide-gate
- easy to transport
- suction possible in combination with ISOCELL suction bin
- a booster station can be connected
- low maintenance

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b>	95 x 65 x 153 cm with extension / 102 cm without extension
<b>Weight:</b>	160 kg
<b>Hopper:</b> (removable) Filling height	60 x 55 x 104 cm (330 l = 2 sacks ISOCELL) 113 cm
<b>Motor:</b>	1 x 0,75 kW
<b>Blower:</b>	2 x 1,4 kW
<b>Total performance:</b>	approx. 3.5 kW
<b>Air output:</b>	approx. 350 mbar blow pressure (max) / 360m³ air volume / h (max)
<b>Electrical connection:</b>	230 V / 50 Hz, 16A (single-phase is adequate)
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx. 600 kg / h
<b>dense blow:</b>	approx. 300-400 kg / h
<b>Roof:</b>	up to 40 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	



# ISOBLOW STANDARD HF

The ISOBLOW Standard HF is ideal for installation of wood fibre insulation.

Short-fibre insulation demands a very high air-flow volume. Three blowers integrated inside the machine ensure the required air-flow performance. If necessary one blower can be switched off.

Two shredder shafts in the hopper lower section provide optimal loosening of the insulation. The machine can be equipped with optional auxiliary shredding equipment.

Operation of ISOblow Standard and control of material and air flow takes place via the ISOCELL radio control.

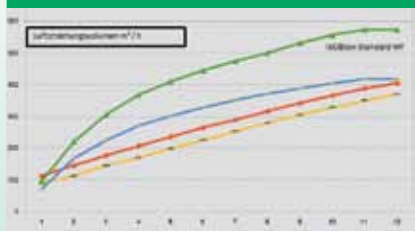
In addition the material flow can also be regulated via a slide-gate above the air-lock (rough setting).

## NEW GENERATION OF BLOWERS

Special features of the new blower generation are high air-flow performance and durability. By means of a phase-angle control the separate phases are split equally between the 3 blower motors. This guarantees stable performance on site and is at the same time blower-friendly.



3 blowers provide a volume of over 500 m<sup>3</sup> air / h.



Operation with 2 or 3 blowers is regulated by switches



The machine is easily swung open to facilitate maintenance and trouble-shooting



The ideal accessory: radio remote control



Blow-in technology



Each drive is controlled with its own frequency converter



Material slider



Practical, robust hopper feed



Easy transportation by tilting the machine



Optional:  
Auxiliary shredder above air-lock



## ALL ADVANTAGES AT A GLANCE

- large hopper with two shredder shafts
- simple filling via hopper flap
- extension is removable
- machine is easily opened to facilitate maintenance and trouble-shooting
- 6-chamber air-lock with abrasion-resistant rubber seals. No pressure loss – minimum wear-and-tear
- flap valve protects the turbines from backflow
- operation is easy via radio remote control
- material flow controlled in two ways: via slide-gate and by radio remote unit
- large pneumatic wheels make the machine easy to transport
- 400V 3-phase current – constantly high performance
- suction possible in combination with ISOCELL suction bin
- a booster station can be connected
- low maintenance

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b>	100 x 82 x 168 cm with extension / 116 cm without extension
<b>Weight:</b>	235 kg
<b>Hopper:</b> (removable) Filling height	60 x 60 x 114 cm (410 l = 4 sacks ISOCELL) 126 cm
<b>Motor:</b>	1 x 0,75 kW, 1 x 1,1 kW
<b>Blower:</b>	3 x 1,7 kW
<b>Total performance:</b>	approx. 7 kW
<b>Air output:</b>	approx. 350 mbar blow pressure (max) / 570m³ air volume / h (max)
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current)
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx. 1300 kg / h
<b>dense blow:</b>	up to approx. 800 kg / h
<b>Roof:</b>	up to 50 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	

# ISOBLOW STANDARD PLUS

The ISOblow Standard Plus is an extremely high-performance blowing machine for the installation of cellulose insulation, soft wood fibre, glass wool, rock wool and other approved loose and free-flowing insulation materials.

A unique feature for a machine of this size is the high air output, produced by a 5.5kW turbine.

Two shredder shafts in the hopper lower section provide optimal loosening of the insulation. The machine can be equipped with optional auxiliary shredding equipment.

Operation of the ISOblow Standard Plus and control of material and air flow are via the ISOCELL radio remote control. In addition the material flow can also be regulated via a slide-gate above the air-lock (rough setting).

## 60-METRE HOSES ARE NOT A PROBLEM

My main areas of application are roof and wall insulation – dense and loose blow. Depending on the type of building site and access opportunities I sometimes need 60 metres of hose and more. This length of hose and the angles of rise call for a high-performance blowing machine. I drive to construction sites with a Mercedes Sprinter and trailer and so it is important for me that the machine is as compact as possible, but at the same time capable of high output. ISOCELL's radio remote control is ideal for me. It reaches the furthest corners on site. Besides it is a lightweight unit, robust and easy to handle.

*Rudi Brandel, Brandel Dachtechnik*

The applications for which I use the ISOblow Standard Plus are numerous: besides cellulose I also install wood fibre and various core insulation materials. The auxiliary shredder is simply ideal for wood fibre, but also for spray-on procedure. It loosens every insulation perfectly and guarantees regular material flow. I can control this very exactly by the air-lock speed (remote controlled) and via the material slide-gate.

*Firma Henner Cordes*



The machine is easily swung open to facilitate maintenance and trouble-shooting



Each drive is controlled with its own frequency converter



The ideal accessory: radio remote control



High-power 5.5 kW turbine



Material slider



Practical, robust hopper feed



Easy transportation by tilting the machine

Optional:  
Auxiliary shredder above air-lock

## ALL ADVANTAGES AT A GLANCE

- large hopper with two shredder shafts
- simple filling via hopper flap
- extension is removable
- machine is easily opened to facilitate maintenance and trouble-shooting
- robust shredding equipment provides optimal loosening
- 6-chamber air-lock with abrasion-resistant rubber seals. No pressure loss – minimum wear-and-tear
- 5-step VTG turbine – very high air output
- flap valve protects the turbine from backflow
- operation is easy via radio remote control
- material flow controlled in two ways: via slide-gate and by radio remote control unit
- Shredder speed controlled on switchbox
- 3 frequency converters guarantee a high degree of safety, flexibility and ergonomical friendliness
- pneumatic wheels make the machine easy to transport
- 400V 3-phase current – constantly high performance
- suction possible in combination with ISOCELL suction bin
- a booster station can be connected
- low maintenance

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b>	100 x 82 x 168 cm with extension / 116 cm without extension
<b>Weight:</b>	275 kg
<b>Hopper:</b> (removable) Filling height	60 x 60 x 114 cm (410 l = 2 sacks ISOCELL) 126 cm
<b>Motor:</b>	1 x 0,75 kW, 1 x 1,1 kW
<b>Turbine:</b>	5,5 kW
<b>Total performance:</b>	approx. 7,4 kW
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current)
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx. 1300 kg / h
<b>dense blow:</b>	up to approx. 800 kg / h
<b>Roof:</b>	up to 50 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	



# ISOBLOW STANDARD+PLUS

The ISOblow Standard Plus+ is an extremely high-performance blowing machine for the installation of cellulose insulation, soft wood fibre, glass wool, rock wool and other approved loose and free-flowing insulation materials. A unique feature for a machine of this size is the high air output, produced by a 5.5kW turbine. The turbine is boosted by two additional high-performance blowers that can be switched on as needed and can also be regulated via the radio remote

controls. Two shredder shafts in the lower part of the hopper ensure optimal loosening of the insulation material. The speed of the shredder shafts can be individually controlled. An electronic slide-gate for the material permits very exact material flow. Operation of the ISOblow Standard Plus+ as well as the material and air flow are regulated via the ISOCELL radio remote controls.

## Whatever kind of insulation – it's unbeatable!

ISOCELL has been using special turbines in blowing machines for over 15 years. They guarantee high blowing pressure and are robust in the installation of cellulose.

ISOblow Standard Plus+ is the ideal machine for all blown insulations. This effective machine has been equipped with two auxiliary blowers especially for the installation of wood fibres (such as WoodyCell). If required these can be switched on and double the volume of air. The special shape of the shredders and the possibility to change the speed of the shredder shafts guarantee that even material that is firmly pressed can be loosened well and reliably.

No matter whether cellulose, wood fibre, glass or rock wool. Whatever the insulation market asks of you in the next 10 years – you are well equipped with ISOblow Standard Plus+.



*Herbert Kriebhambner  
Manager Machine Technology*



The machine is easily swung open to facilitate maintenance and trouble-shooting



Each drive is controlled with its own frequency converter



The ideal accessory: radio remote control



High-performance 5.5kW turbine and two blowers for additional use as needed



Electronic slide-gate, steplessly adjustable



Practical, robust hopper feed



Easy transportation by tilting the machine



## ALL ADVANTAGES AT A GLANCE

- large hopper with two shredder shafts
- simple filling via hopper flap
- extension is removable
- machine is easily opened to facilitate maintenance and trouble-shooting
- robust shredding equipment provides optimal loosening
- 6-chamber air-lock with abrasion-resistant rubber seals. No pressure loss – minimum wear-and-tear
- 5-step VTG turbine – very high air output
- flap valve protects the turbine from backflow
- operation is easy via radio remote control
- material flow controlled in two ways: via slide-gate and by radio remote control unit
- Material flow controlled in two ways: via electronic slide-gate (stepless) and radio remote controls
- Shredder speed controlled on switchbox
- 3 frequency converters guarantee a high degree of safety, flexibility and ergonomical friendliness
- pneumatic wheels make the machine easy to transport
- 400V 3-phase current – constantly high performance
- suction possible in combination with ISOCELL suction bin
- a booster station can be connected
- low maintenance

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b>	100 x 82 x 168 cm with extension / 116 cm without extension
<b>Weight:</b>	290 kg
<b>Hopper:</b> (removable) Filling height	60 x 60 x 114 cm (410 l = 2 sacks ISOCELL) 126 cm
<b>Motor:</b>	1 x 0,75 kW, 1 x 1,1 kW, 1 x 5,5 kW
<b>Turbine/Blower:</b>	5,5 kW + 2 x 1,7 kW Blower
<b>Total performance:</b>	approx. 10,5 kW
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current)+ 1 x 230 V, 16 A
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx. 1300 kg / h
<b>dense blow:</b>	up to approx. 800 kg / h
<b>Roof:</b>	up to 50 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	

# ISOBLOW PROFI

The ISOBlow Profi is an extremely high-performance blowing machine for the installation of cellulose insulation, soft wood fibre, glass wool and rock wool besides other approved loose and free-flowing insulation material.

The insulation is loosened twice: first by the four large shredder shafts in the hopper and then via three small shredder shafts directly above the airlock.

A high-power turbine ensures high air flow, is impressively robust and requires little maintenance.

ISOblow Profi is operated, together with the material and air flow, via ISOCELL's radio remote control – practical and time-saving.

In addition the material volume can also be regulated via a slide-gate above the airlock (rough setting).

## SPECIAL APPLICATIONS



*Dämmtechnik Käser  
Heinz Käser*

Some construction sites call for blower parameters that differ from standard parameters. As every drive on the blower is controlled by a separate frequency converter, it is possible for me to change the speed of airlocks, shredders and auxiliary shredders individually. This makes me more flexible and faster for special applications, such as spray-on technique or when working with wood fibre, glass wool or rock wool.

## HOPPER

As we install both ISOCELL and Knauf Glas Wool Supafil we need a really high-performance blower. The large hopper and good loosening properties are of particular advantage when using Knauf's high-swell glass wool.

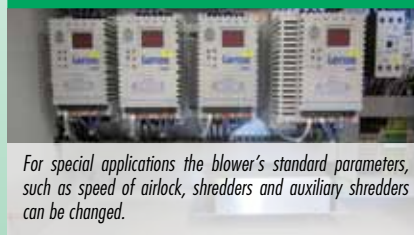
*Firma NBS-Systeme Nöger, Franz Nöger*



ISOCELL radio remote control:  
simple, cable-free operation



Every drive controlled with its own frequency converter



*For special applications the blower's standard parameters, such as speed of airlock, shredders and auxiliary shredders can be changed.*

Electronic slide-gate





Robust sack tray with dust protection,  
full width usable



Extension with fold-down lid  
for dust reduction



Strong shredder mechanism  
ensures optimum loosening



Turbine vibration-damped, low-noise  
and powerful



Increased efficiency with optimized suction lines

Accessible auxiliary shredder mechanism  
for easy maintenance and trouble-shooting



## ALL ADVANTAGES AT A GLANCE

- large hopper with four shredder shafts; the hopper is available with a lid for dust reduction
- simple filling via loading flap
- hopper is detachable
- 5-chamber airlock with abrasion-resistant rubber seals. No loss of pressure – minimum wear-and-tear
- 5-step VTG turbine – very high air input and low-noise
- flap valve protects the turbine from backflow
- operation is easy via radio remote control
- Material flow controlled in two ways: via electronic slide-gate (stepless) and radio remote controlst
- shredder speed regulated on switchbox
- 4 frequency converters guarantee a high degree of safety, flexibility- and ergonomic friendliness
- a booster station can be connected
- ventilated airlock
- can be transported with a manual pallet lift, can be lifted from all 4 sides
- 400V 3-phase power – constantly high performance
- suction possible in combination with ISOCELL suction bin
- ease of maintenance due to ergonomically friendly design
- securing rings for fastening machine

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b> 103 x 125 x 178 cm with extension / 82cm without extension	
<b>Weight:</b>	460 kg
<b>Hopper:</b> (removable) Filling height	100 x 120 x 120 cm (1440 l = 8 sacks ISOCELL) 125 cm
<b>Motor:</b>	1 x 0,55 kW, 2 x 1,1 kW
<b>Turbine:</b>	5,5 kW
<b>Total performance:</b>	approx. 8,25 kW
<b>Air output:</b>	approx. 480 mbar blow pressure (max) / 380m³ air volume / h (max)
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current)
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL radio remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx 1600 kg / h
<b>dense blow:</b>	up to approx. 1000 kg / h
<b>Roof:</b>	up to 50 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	

# ISOBLOW PROFI PLUS

The ISOBlow Profi is an extremely high-performance blowing machine for the installation of cellulose installation, soft wood fibre, glass wool and rock wool besides other approved loose and free flowing insulation material.

The insulation is loosened twice: first by the four large shredder shafts in the hopper and then by three small shredder shafts immediately above the airlock.

A high-power turbine ensures high air flow, is remarkably robust and requires little maintenance. The turbine is sup-

ported by two high-power blowers that can be switched on as required and are controlled via radio remote controls. ISOblow Profi is operated, together with the material and air flow, via ISOCELL's radio remote control – practical and time-saving.

In addition the material volume can also be regulated via an electronic slide-gate above the airlock (rough setting). The two optional blowers can be increased to 750 m<sup>3</sup>/h air flow.

## HIGH AIR FLOW – FAST INSTALLATION



Florian Fluck,  
Blumberg

I have relied on ISOblow blow-in technology for years now. A short while ago I exchanged my ISOblow Profi for a new ISOblow Profi Plus. The main reason for the change was that we now frequently need to install wood fibre. The two additional blowers in Profi Plus are ideal for this purpose: the blowing effect is more uniform due to the air flow. Besides, I am approx. 20% - 30% faster when installing wood fibre.

## HOPPER

An ideal feature of ISOblow Profi Plus are the many fine settings that are possible and are only fully appreciated when 'special applications' are called for:

When spraying on acoustic ceilings I am able to set the machine very precisely. This gives a regular and optically appealing surface.

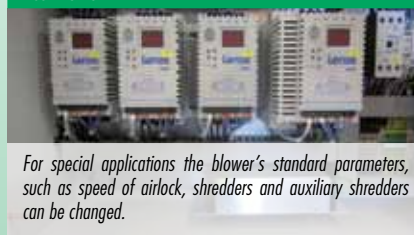
*Robert Mayer, Applications Engineer ISOCELL*



ISOCELL radio remote control:  
simple, cable-free operation



Every drive controlled with its own frequency  
converter



*For special applications the blower's standard parameters, such as speed of airlock, shredders and auxiliary shredders can be changed.*

Electronic slide-gate



Robust sack tray with dust protection,  
full width usable



Extension with fold-down lid  
for dust reduction



Strong shredder mechanism  
ensures optimum loosening



Turbine vibration-damped, low-noise  
and powerful



Increased efficiency with optimized suction lines

Accessible auxiliary shredder mechanism  
for easy maintenance and trouble-shooting



## ALL ADVANTAGES AT A GLANCE

- large hopper with four shredder shafts; the hopper is available with a lid for dust reduction
- simple filling via loading flap
- hopper is detachable
- 5-chamber airlock with abrasion-resistant rubber seals. No loss of pressure – minimum wear-and-tear
- 5-step VTG turbine – very high air input and low-noise
- flap valve protects the turbine from backflow
- operation is easy via radio remote control
- Material flow controlled in two ways: via electronic slide-gate (stepless) and radio remote controlst
- shredder speed regulated on switchbox
- 4 frequency converters guarantee a high degree of safety, flexibility- and ergonomic friendliness
- a booster station can be connected
- ventilated airlock
- can be transported with a manual pallet lift, can be lifted from all 4 sides
- 400V 3-phase power – constantly high performance
- suction possible in combination with ISOCELL suction bin
- ease of maintenance due to ergonomically friendly design
- securing rings for fastening machine

## TECHNICAL DATA

<b>Dimensions (LxBxH):</b>	103 x 125 x 178 cm with extension / 82cm without extension
<b>Weight:</b>	470 kg
<b>Hopper:</b> (removable) Filling height	100 x 120 x 120 cm (1440 l = 8 sacks ISOCELL) 125 cm
<b>Motor:</b>	1 x 0,55 kW, 2 x 1,1 kW
<b>Turbine/Blower:</b>	5,5 kW + 2 x 1,7 kW Blower
<b>Total performance:</b>	approx. 11,6 kW (8,25 kW + 3,4 kW)
<b>Air output:</b>	approx. 480 mbar blow pressure (max) / 380m³ air volume / h (max) + 360 m³ / h
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current) + 1 x 230 V, 16 A
<b>Hose connection:</b>	3 " (76 mm)
<b>Controls:</b>	ISOCELL radio remote control ISOCELL radio remote unit with cord
<b>Output:</b>	
<b>loose blow:</b>	approx 1600 kg / h
<b>dense blow:</b>	up to approx. 1000 kg / h
<b>Roof:</b>	up to 50 cm thick insulation
<b>Wall:</b>	up to 40 cm thick insulation
Output data based on cellulose insulation	



# ISOBLOW BIG BALE SYSTEM

ISOCELL offers you individual solutions for the insulation of prefabricated elements.

Whether you work with ISOCELL big bales or with standard sacks, with ISOCELL blowing technology we guarantee you quick and rational insulating.

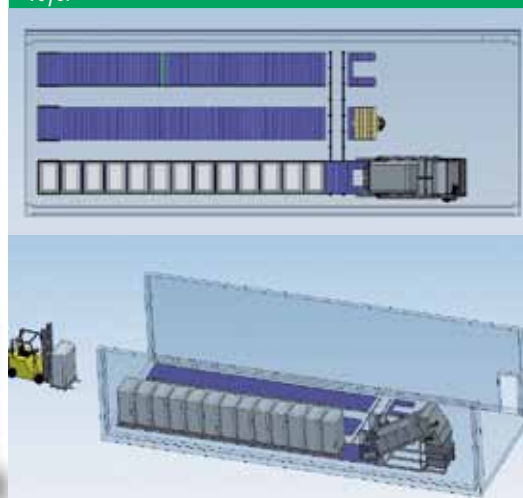
We are pleased to work out details for individual concepts with and for you and to integrate machine solutions into your production processes. Depending on plant layout and available space,

ISOCELL offers you two basic concepts:

**System filling at ground level or filling via a suspended ceiling**



Big bale system fed at ground level using a stacker or conveyor



## BIG BALE SYSTEM WITH INTEGRATED WEIGHING UNIT

The big bales are loaded onto the big bale system by means of a hand lift, stacker or roller conveyor. The system engages the pallet and conveys it to the shredder. The fluffed material then falls into the ISOblow Profi blowing machine. An integrated weighing unit permits a permanent quality control. The volume of material loaded can be seen at all times on a display. It is of course also possible to analyse the data via an interface to a PC.

Permanent quality control via weighing unit



Quick and simple installation



In prefabrication



## BIG BALL SYSTEM VERSION II

This system is equipped for loading up to 3 big bales (approx. 800kg). Loading takes place from above – optional is a tilt mechanism or manual loading.

The size is individually adjustable – the length, the width and the height. It can therefore also be adapted to suit the size of a truck or a trailer. The advantage for use on site is obvious: the system does not require constant feed.

A weighing unit permits a constant check on the quality. The quantity of insulation loaded appears on a display. It is possible to transfer data via an interface to a PC for analysis.

It makes no difference whether big bales or standard sacks are used. Only the feed mechanism needs to be selected and/or changed accordingly.



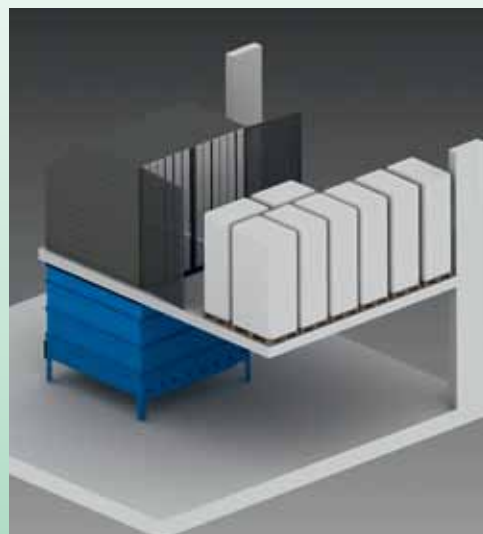
Easily integrated into existing plant layout  
Permanent quality control via weighing unit



Through a cleverly devised system...



the prefabricated elements are rationally insulated



## ISOblow Blowing Machines

## ISCBLOW SMART



Price (ex works Neumarkt): € 4.990,-

## ISCBLOW SMART PLUS

Price (ex works Neumarkt): € 5.990,-

## Recommended accessories:

- 4-channel radio remote control
- pressure measuring device
- conveyor hose
- suction hoses
- connectors
- fibre glass rod
- density measuring device

<b>Dimensions (LxBxH):</b>	80 x 65 x 140 cm	
<b>Weight:</b>	105 kg	SMART PLUS: 110 kg
<b>Hopper:</b>	220 l = 1 sack ISOCELL	
<b>Motor:</b>	1 x 0,75 kW	
<b>Blower:</b>	1 x 1,7 kW	SMART PLUS: 2 x 1,4 kW
<b>Total performance:</b>	2,5 kW	SMART PLUS: 3,55 kW
<b>Air output:</b>	350 mbar blow pressure (max)	
<b>Electrical connection:</b>	230 V / 50 Hz, 16 A (single-phase current )	
<b>Operation:</b>	50 m radio remote control cord 4-channel radio remote control	

## ISCBLOW MINI PLUS

Price (ex works Neumarkt): € 8.990,-



## Recommended accessories:

- ISOCELL radio remote control
- pressure measuring device
- conveyor hose
- suction hoses
- blowing nozzles
- connectors
- fibre glass rod
- density measuring device
- suction bin

<b>Dimensions (LxBxH):</b>	95 x 65 x 153 cm with ext. / 102 cm without extension	
<b>Weight:</b>	160 kg	
<b>Hopper:</b> (removable)	60 x 55 x 104 cm (330 l = 2 sacks ISOCELL)	
<b>Motor:</b>	1 x 0,75 kW	
<b>Blower:</b>	2 x 1,4 kW	
<b>Total performance:</b>	approx. 3,5 kW	
<b>Air output:</b>	350 mbar blow pressure (max)	
<b>Electrical connection:</b>	230 V / 50 Hz, 16 A (single-phase current )	
<b>Operation:</b>	ISOCELL radio remote control ISOCELL radio remote unit with cord	

## ISCBLOW STANDARD HF

Price (ex works Neumarkt): € 11.990,-



## Recommended accessories:

- ISOCELL radio remote control
- pressure measuring device
- conveyor hose
- suction hoses
- blowing nozzles
- connectors
- fibre glass rod
- density measuring device
- suction bin

## Auxiliary shredder:

<b>Weight:</b>	approx.. 30 kg
<b>Output:</b>	0,75 kW + 0,25 kW
<b>Electrical connection:</b>	380 V / 50 Hz, 16A (3-phase current)

<b>Dimensions (LxBxH):</b>	100 x 82 x 168 cm with ext. / 116 cm without extension	
<b>Weight:</b>	235 kg	
<b>Hopper:</b> (removable)	60 x 60 x 114 cm (410 l = 4 sacks ISOCELL)	
<b>Motor:</b>	1 x 0,75 kW, 1 x 1,1 kW	
<b>Blower:</b>	3 x 1,7 kW	
<b>Total performance:</b>	approx. 7 kW	
<b>Electrical connection:</b>	400 V / 50 Hz, 16A (3-phase current)	
<b>Controls:</b>	ISOCELL radio remote control ISOCELL radio remote unit with cord	

Auxiliary shredder price: € 1.990,-



# ISOblow Blowing Machines



## ISOBLOW STANDARD PLUS

Price (ex works Neumarkt): € 13.390,-

## ISOBLOW STANDARD+PLUS

Price (ex works Neumarkt): € 14.990,-

### Recommended accessories:

- ISOCELL radio remote control
- pressure measuring device
- conveyor hose
- suction hoses
- blowing nozzles
- connectors
- fibre glass rod
- density measuring device
- suction bin

### Optional shredder (only for Standard PLUS):

Weight:	approx. 30 kg
Output:	0,75 kW + 0,25 kW
Electrical connection:	380 V / 50 Hz, 16A (3-phase current)

Dimensions (LxBxH):	100 x 82 x 168 cm with ext./116 cm without extension
Weight:	275 kg
Hopper: (removable)	60 x 60 x 114 cm (410 l = 2 sacks ISOCELL)
Motor:	1 x 0,75 kW, 1 x 1,1 kW
Turbine:	5,5 kW
Total performance:	approx. 7,4 kW
Electrical connection:	400 V / 50 Hz, 16A (3-phase current)
Operation:	ISOCELL radio remote control ISOCELL radio remote unit with cord

Auxiliary shredder price: € 1.990,-



## ISOBLOW PROFI

Price (ex works Neumarkt): € 15.990,-

## ISOBLOW PROFI PLUS

Price (ex works Neumarkt): € 16.990,-

### Recommended accessories:

- ISOCELL radio remote control
- pressure measuring device
- conveyor hose
- suction hoses
- blowing nozzles
- connectors
- fibre glass rod
- density measuring device
- suction bin

Dimensions (LxBxH):	103 x 125 x 178 cm with extension / 82cm without extension
Weight:	460 kg
Hopper: (removable)	100 x 120 x 120 cm (1440 l = 8 sacks ISOCELL)
Motor:	1 x 0,55 kW, 2 x 1,1 kW
Turbine:	5,5 kW
Total performance:	approx. 8,25 kW
Air output:	approx. 480 mbar blow pressure (max)
Electrical connection:	400 V / 50 Hz, 16A (3-phase current)
Hose connection:	3 '' (76 mm)
Operation:	ISOCELL radio remote control ISOCELL radio remote unit with cord



## for ISOCELL blowing machines



### Radio control unit ISOCELL 9.1

611110 € / each 1.298,00

suitable for blowing machines

- ISOblow Mini Plus
- ISOblow Standard
- ISOblow Standard Plus
- ISOblow Profi

Transmission frequency 433 MHz

8 channels

with display for Material and Air (two-digit '7 segment display')

lithium-ion battery in hand control unit

#### included in delivery:

- hand-operated radio unit
- radio station for radio control
- charger for radio control
- case for radio control
- shoulder strap for radio control unit
- Protective hood EPDM (black)

#### Prices for individual components

611012	€ / each 850,00
611013	€ / each 790,00
611015	€ / each 79,00
611018	€ / each 69,00
611019	€ / each 5,90
611025	€ / each 19,90

#### For the radio control we also recommend:

50 m extension cable for radio station

611017 € / each 380,00

Handheld control unit for cable remote 9-pole

611111 € / each 249,00

### Cable remote control 50 m 9-pole set

611112 € / each 449,00



Used for emergency operation in case of interference or failure of the ISOblow wireless remote control.  
Not suitable for use as a permanent alternative to the ISOblow wireless control.

#### Included in delivery:

Hand control unit for cable remote control 9-pole

#### Prices for individual components

50 m extension cable for ISOCELL radio station

611111 € / each 249,00

611017 € / each 380,00

#### Tip !

If the radio link is not sufficiently strong or if there is any interference, the extension cable can be used between the blowing machine and the radio transmitter.

In this way the transmitter is closer to the installer.

## for ISOCELL blowing machines



### Hose drum, solid

644001 € / each 1.290,00

for 3" hoses (with 3" Storz coupling) to hold about 40m hose, available also for other hose sizes.  
Hose connection directly to drum possible.



### Remote control with 50m cord

611005 € / each 299,00

with toggle switch for blowing machines

- ISOblow Smart
- ISOblow Nano
- AVS 34



### 4-channel radio control

611004 € / each 490,00

suitable for blowing machines

- ISOblow Nano
- ISOblow Smart
- AVS 34

4-channel radio control in range 433 MHz

Hand-operated unit with 4 relay contacts

Receiver unit with flexible aerial with BNC- connector mounted on aluminium plate incl. 3 m connecting cable with 5-pole DIN plug



### included in delivery:

4-channel hand-operated unit  
shoulder strap  
receiver unit with 3 m connecting cable  
case for 4-channel radio control unit

### Price for individual components

611006	€ / each 109,00
611019	€ / each 5,90
611016	€ / each 380,00
611020	€ / each 59,00



### ISOCELL AVS 34 Booster Station

614001 € / each 1.490,00

The ISOblow AVS34 is a very small, compact booster /extractor. AVS34 can extract (underpressure) and can increase the air flow volume. (overpressure).

Dimensions (L x B x H): 400 x 300 x 340 mm

Weight: 22 kg

Electrical connection: 220 V / 50 Hz, 16A

Performance: 3,4 kW

Compressed air data: 350 mbar

420 m³/h



### 3-piece connecting set for booster station

614002 € / each 98,00



## for ISOCELL blowing machines



### Blower motors

for ISOblow Smart  
for ISOblow Mini  
for ISOblow Mini Plus  
for ISOblow Verstärkerstation AVS34  
for ISOblow Standard

613017	€ / each 119,00
613001	€ / each 119,00
613017	€ / each 119,00
613017	€ / each 119,00
613005	€ / each 249,00

Blower motors for other blowing machines on request



Actual item may differ from photo

### Turbine NTB 5.5 KW silver

for ISOblow Standard Plus built up to 2012  
for ISOblow Profi built up to 2011

613007	€ / each 790,00
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Actual item may differ from photo

### Turbine NTB 5,5 KW black

für ISOblow Standard Plus built after 2013  
für ISOblow Standard Plus +  
für ISOblow Profi  
für ISOblow Profi Plus

613018	€ / each 880,00
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Actual item may differ from photo

### Air filter

for ISOblow blowing machines

290 x 325 x 24 mm

622001	€ / each 25,00
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### Pneumatic wheel

for ISOblow Mini and Smart blowing machines

PK 260 mm with studded profile,  
Plastic rim with sliding bearing 20 mm

€ / each 29,00
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for ISOblow Standard and Standard PLUS blowing machines

PK 300 mm with studded profile,  
Plastic rim with sliding bearing 20 mm

€ / each 59,00
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## for ISOCELL blowing machines



Actual item may differ from photo

### Set of seals for ISOblow blowing machines with 6 airlock chambers

ISOblow Mini + Smart / Smart Plus (6 pcs.)	623001	€ / Pkg 109,00
ISOblow Standard Plus / Standard Plus+ (6 pcs.)	623002	€ / Pkg 109,00
ISOblow Standard HF (6 pcs.)	623002	€ / Pkg 109,00

with 5 mm thick fabric inlay



Actual item may differ from photo

### Set of seals for ISOblow blowing machines with 5 airlock chambers

ISOblow Mini + Smart (5 pcs.)	623001	€ / Pkg 99,00
ISOblow Standard (5 pcs.)	623002	€ / Pkg 99,00
ISOblow Standard Plus (5 pcs.)	623002	€ / Pkg 99,00
ISOblow Profi (5 pcs.)	623004	€ / Pkg 99,00

with 5 mm thick fabric inlay

### Rubber for seals

5 mm thick with fabric inlay	623017	€ / m <sup>2</sup> 189,00
4 mm thick with fabric inlay	623016	€ / m <sup>2</sup> 79,00



### High-Pressure push grease gun

633007 € / each 29,90

with armoured hose.  
Can be refilled with charging appliance,  
400 g cartridge or manually



### Grease cartridge

633017 € / each 7,90

400g  
High-performance multi-purpose grease for  
sliding and roller bearings



### Oil spray

633018 € / each 12,90

Contents 400 ml

## Hose clamps, fasteners, fibre glass rods



Actual item may differ from photo

### Blow-in hoses

40 mm – 1,5 "

50 mm – 2 "

63 mm – 2,5 "

75 mm – 3 "

640001 € / each 85,00

640002 € / each 119,00

640003 € / each 149,00

640004 € / each 179,00

**Length:** 15 metre

**Material:** polyethylene



### Conveyor hoses

50 mm – 2 "

63 mm – 2,5 "

76 mm – 3 "

640011 € / each 139,00

640012 € / each 169,00

640014 € / each 219,00

Flexible polyurethane hose with reinforced coil.

Smooth interior.

**Length:** 20 metre

**Material:** polyethylene



### Anti-static conveyor hoses

50 mm – 2 "

63 mm – 2,5 "

76 mm – 3 "

640011 € / each 139,00

640013 € / each 189,00

640015 € / each 239,00

Flexible polyurethane hose (PU-polyester, 0.7mm thick) with copper-plated steel coil.

**Length:** 20 metre

**Material:** polyurethane, copper



### Sealing sponges

25 x 25 x 5 cm für 3" hose

25 x 25 x 5 cm für 2,5" hose

649002 € / each 5,50

649003 € / each 5,50

Package unit: 2 pcs.



### Sealing sponge for blow-in nozzle

25 x 25 x 4 cm

649001 € / each 5,50

90 mm Ø hole for blow-in nozzle 110/50, 110/63 and 110/75

### Sealing sponge for blow-in nozzle

25 x 25 x 4 cm

649000 € / each 5,50

60 mm Ø hole for blow-in nozzle 75/40



## Hose clamps, Fasteners, Fibre glass rods



### Hose clamps

50 - 65 mm (2 ")  
58 - 75 mm (2,5 ")  
68 - 85 mm (3 ")

Package unit: 5 pcs.

641001	€ / each 1,90
641002	€ / each 1,90
641003	€ / each 1,90



### Quick-release fixed – coupling 3"

for machine assembly

641106	€ / each 29,90
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Quick-release fixed coupling for mounting on the blower. For even faster attachment and detachment of hoses. (Only possible on blowers built 2009!!!)



### Quick-release Storz couplings

50 mm 2 "  
63 mm 2,5 "  
75 mm 3 "

641102	€ / each 19,90
641101	€ / each 19,90
641100	€ / each 19,90



### Quick-release adapter

from 3", and/or 2 1/2" to 2"

641107	€ / each 29,90
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### 3 m fibre glass rods

Ø 9 mm  
Ø 11 mm  
Ø 9 mm in individual lengths (without screw sleeves)

649010	€ / each 65,00
649011	€ / each 69,00
649012	€ / each 13,90

For added rigidity to the blow-in hose and easier insertion into the cavities. Fibre glass rods can be joined at the pre-mounted screw sleeves.

## Cork plugs, adapters, connectors



### Cork plugs

Ø 89 / 86 x 20 mm

Package unit: 500 pcs. / carton

Ø 109 / 105 x 20 mm

Package unit: 400 pcs. / carton

Ø 124 / 120 x 20 mm

Package unit: 300 pcs. / carton

649017 € / each 0,95

649013 € / each 0,99

649014 € / each 1,14

On orders for full cartons: -30% discount. For large order quantities: price on request



### PE reducing adapters

from 3" to 2 1/2"

from 2 1/2" to 2"

from 2" to 1 1/2"

642003 € / each 22,90

642002 € / each 22,90

642001 € / each 22,90



### Alu reducing adapters

from 3" to 2 1/2"

from 2 1/2" to 2"

642102 € / each 35,90

642101 € / each 35,90



### PE connectors

2" - 50 mm

2 1/2" - 63 mm

3" - 75 mm

642004 € / each 8,90

642005 € / each 8,90

642006 € / each 9,90



### Alu connectors

2 1/2" - 63 mm

3" - 75 mm

642103 € / each 12,90

642104 € / each 12,90



### Drum flake deflector

with 2 x 3" outlets

1 x 3" inlet, 2 x 3" outlet

with 3 x 3" outlets

1 x 3" inlet, 3 x 3" outlet

with 4 x 3" outlets

1 x 3" inlet, 4 x 3" outlet

with 5 x 3" outlets

1 x 3" inlet, 5 x 3" outlet

643003 € / each 350,00

643001 € / each 450,00

643004 € / each 470,00

643005 € / each 490,00



## Ventilated nozzles



Actual item may differ from photo

### Ventilated rotary nozzle 75/40 in plastic for interior walls

650011 € / each 490,00

with holder.  
Ideal for dense wall blow and insulation  
thickness from 8 to 14 cm

#### Included in delivery:

Rotary nozzle	Blow-in nozzle ring
Sealing sponge	Cloth sack



Actual item may differ from photo

### Ventilated rotary nozzle 110/50 in plastic

650003 € / each 490,00

with holder.  
Ideal for dense wall blow and insulation  
thickness from 14 to 23 cm

#### Included in delivery:

Rotary nozzle	Blow-in nozzle ring
Sealing sponge	Cloth sack



Actual item may differ from photo

### Ventilated rotary nozzle 110/63 in plastic

650004 € / each 490,00

with holder.  
Ideal for dense wall blow and insulation  
thickness from 24 to 40 cm

#### Included in delivery:

Rotary nozzle	Blow-in nozzle ringAbdicht
Sealing sponge	Cloth sack



Actual item may differ from photo

### Ventilated rotary nozzle 110/75 in plastic

650004 € / each 490,00

with holder.  
Ideal for installation of wood fibre  
insulation  
Insulation thickness above 20 cm

#### Included in delivery:

Rotary nozzle	Blow-in nozzle ringAbdicht
Sealing sponge	Cloth sack



Actual item may differ from photo

### Blower nozzle for air-permeable sections Ø = 75mm

650100 € / each 390,00

with holder.  
Ideal for blowing cellulose into  
soft fibreboard constructions  
and/or air-permeable sections  
Adjustable fixation permits blowing  
insulation behind panel thickness of  
12 – 100 mm.

#### Included in delivery:

Sealing sponge	Cloth sack
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## Nozzles for soft fibreboard, hose adapters



Actual item may differ from photo

### Ventilated hose adapter for 1 1/2" hose

650021 € / each 490,00

for sensitive or air-permeable sections  
and insulation thickness from 13 to 20 cm

### Ventilated hose adapter for 2" hose

650022 € / each 490,00

for sensitive or air-permeable sections  
and insulation thickness from 20 to 30 cm

### Ventilated hose adapter for 2" hose

650023 € / each 490,00

For sensitive or air-permeable spaces of  
20 to 40 cm insulation thickness or for  
installation of wood fibre insulation.  
Ideal for installation of wood fibre  
insulation

#### Included in delivery:

Sealing sponge

Cloth sack



### Blow-in plate

approx. 60 x 50 cm, frame size adjustable

650020 € / each 179,00

For blowing into roof, wall and ceiling constructions with  
vapour retarders. The plate is fixed between the battens using  
butterfly nuts. No more tearing of or damage to the vapour  
retarder. Ideal for 3", 2 1/2" and 2" hoses. Can also be used in  
combination with ISOCELL blower nozzles.



### Hose weight for wall blowing

649008 € / each 29,20

for 2 1/2" hose

Length: 15 cm, weight: 0,65 kg

### Hose weight for wall blowing

649009 € / each 29,20

for 3" hose

Length: 15 cm, weight: 0,80 kg



### Cloth sack

40 x 60 cm (ideal for blow-in nozzle)

632001 € / each 1,90

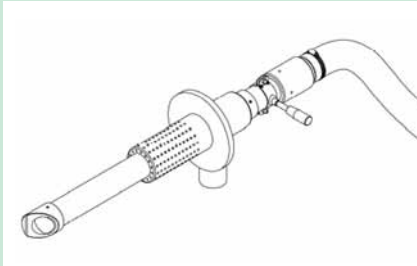
75 x 120 cm (for suction bin 115 l)

632002 € / each 2,30

90 x 140 cm (for suction bin 210 l)

632003 € / each 2,90

## Blow-in lances



### Ventilated blow-in lance available in individual lengths

**on request**

Delivery time approx. 2 weeks

Available in sizes (hole diameter)  
90 and 110 mm. Material: aluminium and PE

Ventilated blow-in lances are ideal for filling horizontally stacked roof, wall or ceiling elements.

There is a steady escape of air via the ventilation holes and filtering takes place through the dust collector.

Different structures and constructions call for varying lengths and dimensions.  
For this reason all blow-in lances are made to measure.

Our application engineers (tel. +43 (0) 6216 4109-0) are pleased to advise you on site and will help you find a suitable and user-friendly solution.



#### ventilated blow-in lance consists of:

- **aluminium turning section**  
incl. handle
- **plastic adapter with ventilation holes**  
incl. wooden plate and foamed plastic
- **end section of lance (reinforced ballhead)**
- **welded aluminium tube**
- **antistatic – conveyor hose (optional)**

#### Lance assembly kit 90/50 mm

651040 € / each 750,00

#### Lance assembly kit 90/60 mm

651050 € / each 750,00

#### Lance assembly kit 110/75 mm

651060 € / each 850,00

#### consisting of:

Ventilated section, head section, rotating section, spacer, cloth sack, 2.5" hose clamp (without pipe)

#### Attention:

The cost of transport for blow-in lances with lengths of over 3m is quite high. Therefore we recommend that you order the individual parts and purchase and weld the aluminium tube locally.

Assembly instructions are included with the lance.

Use only antistatic conveyor hoses (with copper wire) in connection with the blow-in lance to avoid development of electrostatic charge.

## Quality check – Test appliances



### Measuring device in plastic case for measurement of cellulose density

634001 € / each 290,00

#### Consisting of:

Plastic case

634002

Scales

634004

NIRO tube

634005

Bimetal 105 mm Ø holesaw

634006



### Perforated metal case, a case for cellulose checks

649016 € / each 189,00

Dimensions: 600 x 470 x 355mm

Contents: 0,1m<sup>3</sup>



### Spring scale with dial

649018 € / each 69,00

for weighing perforated metal case



### Pressure measuring device

631001 € / each 33,00

for measuring output pressure of the blowing machine



### 3-phase power point tester

634003 € / each 59,00

For socket testing as follows:

- phase test (existent/ interchanged)
- phase sequence
- phase-to-neutral test

with LED display

## Vacuum suction



### Metal suction bin 115 l

### Metal suction bin 210 l

Suction bin for connection to an ISOblow blowing machine or booster station. Suitable for small quantities of cellulose and/or clean-up on the construction site.

#### Attention!

Do you need to extract large quantities of cellulose? You can rent a powerful and mobile vacuum unit from ISOCELL. We look forward to your enquiry.

Price ex warehouse Neumarkt

635001 € / each 490,00

635003 € / each 590,00



### Cloth sack 75 x 120 cm

ideal for suction bin 115 l

632002 € / each 2,30

### Cloth sack 100 x 150 cm

ideal for suction bin 210 l

632003 € / each 2,90



### PE sack opaque 300 l

for filling cellulose from vacuum bin into PE sack.  
Not for use in combination with the suction bin!

632004 € / each 1,50



### ISOCELL vacuum unit

380 V, from 5.5 kW output  
with turbine

#### Consisting of (recommended)

- high-performance vacuum station (with turbine)
- cable and/or wireless remote control
- extraction barrels 210 l
- cloth sacks 210 l
- flock deflector
- connection hoses

Price on request

Suitable for extraction of large quantities of cellulose  
e.g. in refurbishing

Also for hire



## Hole saws



### Carbide breakthrough drill, nail-resistant

Ø 120 mm – length 150 mm

630001

€ / each 270,00

### Carbide breakthrough drill, nail-resistant

Ø 90 mm – length 150 mm

630002

€ / each 240,00

complete with centre drill and holder.

Specially for wood, chipboard, processed wood boards, panel board, PVC, gypsum board etc.

Shaft length: 165 mm

Depth of cut: 140 mm

Hole saws to fit all ISOCELL blow-in nozzles

120 mm 110/50 and 110/63

90 mm 90/50 and 90/63

### Spare centre drill

630003

€ / each 63,50

for carbide metal hole saw Ø 120 + Ø 90 mm



### Carbide hole saw Ø 85mm

630004

€ / each 44,00

### Carbide hole saw Ø 105mm

630005

€ / each 55,00

### Carbide hole saw Ø 120mm

630006

€ / each 104,00

without centre drill and holder mount

Specially for wood, chipboard, processed wood boards, panel board PVC, gypsum board etc.

Shaft length: 65 mm

Depth of cut: 60 mm

Set price Ø 85 mm € / each 54,00

Set price Ø 105 mm € / each 65,00

Set price Ø 120 mm € / each 118,40



### Holder mount for hole saw M16

Ø 85 mm and Ø 105 mm

630007

€ / each 5,50

Ø 120 mm

630009

€ / each 9,90



### Carbide drill for hole saw

Ø 85 mm / Ø 105 mm / Ø 120 mm

630008

€ / each 4,50



### Soft fibreboard hole saw Ø 85 mm HM

630014

€ / each 69,00

### Soft fibreboard hole saw Ø 105 mm HM

630015

€ / each 79,00

### Soft fibreboard hole saw Ø 119 mm HM

630016

€ / each 119,00

incl. centre drill and holder mount

Core cutter with special profile for soft fibre board.

Complete with M 20 holder mount and carbide drill.

Shaft length: 75 mm

Depth of cut: 70 mm

Number of teeth: 6 on saw 119 mm  
5 on saw 105 / 85 mm

## Dust protection



### Fine dust mask Wilson 5211

631106

€ / each 2,50

Package unit: 20 pcs.



### Jupiter breathing protection starter set

631110

€ / each 990,00

incl.

belt, 8-hour battery, charger, calibration pipe and air flow indicator, 1 pair A2P filter, 4 pre-filter, 1 PU light hose (price without lightweight hood)



### 3M lightweight hood S-333L

631112

€ / each 85,00

Protection for head, face and eyes, integrated suspension, ready to use, new improved airflow distribution minimizes air noise, wide elastic face coverage, low-noise durable fabric. Size M/L adjustable



### Replacement and spares

**Particle filter P incl. filter cover**

631114

€ / each 13,50

**Pre-filter for Jupiter** (package unit: 10 pcs.)

631115

€ / each 4,80

**3M Visor shielding film for light hood** (package unit: 10 pcs.)

631113

€ / each 18,70

## Tools



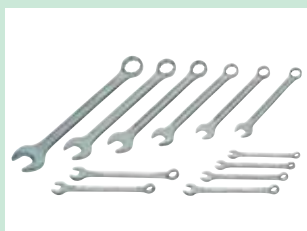
### Hexagon socket wrench

Socket wrench for tightening hose clamps

633001

€ / each 12,40

**Shaft length:** 125 mm

**Width:** 7 mm


### Ring spanner set for maintenance, 13-piece

Chrome – vanadium – steel, chrome, ring setting 15°, TÜV – GS approved, 12-point ring with wave profile

633004

€ / Stk 19,90

**Equipment:**

6x6, 7x7, 8x8, 9x9, 10x10, 11x11, 12x12, 13x13, 15x15, 17x17, 19x19, 22x22, 24x24



### STANDARD white overall with print

White cotton overall with ISOCELL printed on the back and on the breast pocket.

633002

€ / each 34,90

**Size:** 48-58


### Tie-down strap, one-piece

with ratchet tension  
UV-resistant

633008

€ / each 9,90

**Length:** 5 m

**Width:** 25 mm

**Max. tension:** 100 daN


### Tie-down strap, one-piece

with ratchet tension  
UV-resistant

633009

€ / each 14,90

**Length:** 5 m

**Width:** 35 mm

**Max. tension:** 1.000 daN


### Transport bracket

for ISOblow blowing machines

Smart, Mini,  
Standard, Standard Plus

Prevents crushing the hopper when tightening belt on the machine.

612001

€ / each 39,00

## Power cables



Actual item may differ from photo

### Schuko extension cable 10 m

633011

On request

Construction site extension K35

Length: 10 m

Cable 3 x 2,5 mm<sup>2</sup>

max. 16 A

max. 250 V



Actual item may differ from photo

### Schuko cable extension reel 25 m

633018

On request

High-impact resistant cable reel with bow-shaped handle

Cable length: 25 m

Cable 3 x 2,5 mm<sup>2</sup>

16 A

max. 250 V

4 Schuko socket outlets

Thermal overload protection



Actual item may differ from photo

### High voltage extension cable 10 m

633012

On request

### High-voltage extension cable 25 m

633012

Construction site extension K35

Length: 10 m / 25 m

Cable 5 x 2,5 mm<sup>2</sup>

max. 16 A

max. 400 V



Illustration without cable

### High voltage extension cable

633019

On request

Robust steel-pipe frame with plastic drum and bow-shaped handle

Length: 33 m

Cable 5 x 2,5 mm<sup>2</sup>

max. 16 A

max. 400 V

3 Schuko socket outlets

1 x 3-phase outlet

Thermal overload

For long leads to ISOblow blowing machines we recommend extension cables with a cross section of min. 2,5 mm<sup>2</sup>.



## Accessories for core insulation

**Direct reduction 2"**

641108

€ / each 69,00

Suitable for all ISOblow blowing machines.  
Ideal for spray-on and for core insulation, as a 2" hose can be connected directly to the machine

**Protective grid for agitator****for ISOblow Smart**

621014

€ / each 89,00

**for ISOblow Mini, Standard / Standard Plus**

621015

€ / each 89,00

For free-flowing insulation. Protects the shredder from packing film.

**Special attachment for core insulation incl. protective grid****for ISOblow Smart**

€ / each 490,00

**for ISOblow Mini Plus**

€ / each 490,00

**for ISOblow Standard Plus**

€ / each 550,00

For free flowing insulation. Protection for the shredder against packing foil.

**Blow-in nozzle for core insulation****50 mm > 25 mm**

652001

€ / each 89,00

**50 mm > 18 mm**

652000

€ / each 89,00

Other sizes on request

**Fog generator MC CRYPT A-1200**

652002

€ / each 179,00

**Fog fluid odourless 5 l**

652008

€ / each 29,00

With its very short re-heating time and high fog output, this fog generator is among the models offering the best value for money.

<b>Output:</b>	approx. 180 m <sup>3</sup> /min.
<b>Tank capacity:</b>	1,20 litre
<b>Weight:</b>	4,1 kg
<b>Distance:</b>	8 m
<b>Warm-up time:</b>	4 Min
<b>Dimensions (LxBxH):</b>	41,4 x 26 x 20,3 cm

## Accessories for core insulation

**Fog generator Tiny CX****Fog fluid** 250 ml**Fog fluid** 1 l

A small 70W fog generator, incl. battery, charger, 50 ml fluid tank, 250 ml fluid, case.

Please ask for Technical Data Sheet.

652012 € / each 779,00

652013 € / each 13,00

652015 € / each 52,00

**Output:** ca. 2,3 ml/Min bei Dauernebel**Tank capacity:** 50 ml**Weight:** 650 g**Power supply:** 12 V via battery**Warm-up time:** 0,5 sec.**Dimensions (LxBxH):** 25 x 5,3 x 5,5 cm**ISOblow Control**

652010 € / each 550,00

With ISOblow Control you can make a quick and simple check on the functionality of the airtight shell of a building before carrying out a Blower Door Test and can economically remedy any leakage. In the same way the device can be successfully used in combination with a fog generator to establish leakage in core insulation procedure. For this purpose the device can be mounted per room or per building and any leakage can be sealed during operation.

**Technical Data:****Dimensions:** 60 x 60 x 20 cm**Weight:** 10 kg**Installation time:** approx. 5 min.**Air output:** up to 6000 m³/h**Living area:** up to approx. 200 m²

The device is calibrated with an anemometer  
(25 km/h = 30 Pa)

**Endoscope Set RDW8-320****without angled attachment**

652021 € / each 1.289,00

**with angled attachment**

652020 € / each 1.720,40

Contents:  
12V XHL Halogen spare lamp  
Accubox II with 12V toggle switch,  
charger, connecting cord,  
rubber eye-piece for spectacle wearers,  
instruction manual, case for transport  
and storage

**Probe diameter:** 8 mm**Working length:** 320 mm**Direction of view:** 90 °**Field of view:** 56 °**Focal range:** from 5 mm to infinity

**Damp spraying equipment**

**Water spray pump HD 7 / 120**

671003

€ / each 639,00

Handy, portable spray pump for use in spray-on procedure (CSO).


**Diaphragm pump AR 303 230V  
Diaphragm pump AR 303 400V**

671001

€ / each 1.490,00

671002

€ / each 1.490,00

with metal frame


**Plastic barrel 210 litre**

671004

€ / each 89,00

with lid


**Suction set with filter**

671018

€ / each 219,00

For drawing water and/or water/adhesive mix from the plastic barrel


**High-pressure hose**

671005

€ / each 99,00

Length 20 m, suitable for up to 50 bar


**Wall scrubber incl. 230V motor**

671010

€ / each 1.190,00

Brush width: 100 cm

For smoothing excess cellulose during damp spraying and Renocell procedure.


**Wall scrubber incl. 230V motor**

671014

€ / each 990,00

Brush width: 46 cm

For smoothing excess cellulose during damp spraying and Renocell procedure. Specially for arches, niches and wall projections.



### Spray nozzle Liquid 2-jet, 2" approx. 25 cm

671006

€ / each 349,00

For insulation of interior walls or installation levels, retrofit panels.



### Spray nozzle Liquid Profi 4-jet, 2 ½"

671007

€ / each 550,00

Ideal for exposed spray on large areas such as top floor ceilings or vaulted ceilings.  
Length approx. 500 mm

671008

€ / each 550,00



### Spray nozzle Renocell 6-jet, 2 ½"

671013

€ / each 590,00

6-jet spray nozzle guarantees even dampening of the cellulose.



### Spray nozzle Acoustic 1-jet, 3"

671009

€ / each 369,00

Ideal for spray on of acoustic cellulose surfaces.  
Diameter 71 mm, length approx. 500 mm



### Spare parts for spray nozzles

**Ball-bearing joint, brass**

671052

**Quick-body brass**

671051



**Quick-tip 2502**

671049

for spray nozzle Liquid and Liquid Profi

**Quick-tip 4001**

671050

for spray nozzle Renocell



**Full-circle nozzle VK-4-45-G3/81-MS**

671048

for spray nozzle Acoustic

**Prices on request**



## Petrol and diesel-operated generating sets



### Generator S12000 THB

**incl. wheels and fold-away handles  
advanced technology and fully equipped for experts**

€ / each 3.990,00

Honda petrol motor (95ROZ)  
Tank capacity: 24 l  
Weight: 175 kg  
Low-oil switch, thermomagnetic circuit breaker, isometer, voltmeter, electric start, hour meter

Sockets:	Output:
3 x 230 V 16 A	11,14 kW
1 x 400 V 16 A	



### Generator P12000 THB

**ISO-controlled  
with ground fault interrupter + earth rod**

€ / each 4.290,00

€ / each 4.590,00

Honda petrol motor (95ROZ)  
Tank capacity: 24 l  
Low-oil switch, thermomagnetic circuit breaker, isometer, voltmeter, electric start, lift handle

Sockets:	Output:
3 x 230 V 16 A	11,07 kW
1 x 400 V 16 A	

Reduced sound!



### Generator P12000 TZA

**ISO-controlled  
with ground fault interrupter + earth rod**

€ / Stk 6.190,00

€ / Stk 6.390,00

Hatz diesel motor  
Tank capacity: 17 l  
Weight: 275 kg  
Low-oil display, thermomagnetic circuit breaker, isometer, voltmeter, electric start, lift handle

Sockets:	Output:
1 x 230 V 16 A	12,63 kW
1 x 230 V 32 A	
1 x 400 V 16 A	
incl. set of wheels	

Reduced sound!

Prices for generators ex works Neumarkt

## Terms and Conditions of ISOCELL GmbH

### 1. Validity

The following terms of delivery and payment constitute the principal part of every contract entered into with ISOCELL GmbH now and in the future. Differing general terms and conditions specified by partners of ISOCELL GmbH are not considered as being included and do apply. Should the contract partner be a domestic consumer, differing terms apply only in as far as the laws governing consumer rights do not dictate otherwise.

### 2. Delivery date and deadline

Delivery times and dates are not binding unless expressly declared as 'set dates'. Claims for damages may not be made as a result of delivery delays.

### 3. Delivery and transfer of risk

The obligation to supply is suspended for such periods as the buyer is in arrears with payment for the product or with payments in connection with other legal transactions. Delivery of the goods is made in the trade packing ex works or branch, for account of and at the risk of the buyer. Transfer of risk takes place when the goods are handed over to the forwarder or when the goods are loaded onto the transport vehicle provided. Transport damage is therefore always the responsibility of the acceptor. Prices agreed as excluding delivery do not include loading charges. After receipt an immediate inspection of the goods must take place to ensure that delivery has been duly carried out and that the goods are conform to their description. Notice of complaints must be given in writing immediately and without delay to avoid loss of title.

### 4. Handover

The customer undertakes to comply with the formalities applicable to handover on the construction site or other delivery address. Should none be present the seller has the right to unload the goods on the account of the buyer and at the buyer's risk and to deposit the goods so fulfilling the contract.

### 5. Payment and price

All prices are subject to change. Payments must always be made within 8 days of date of invoice. Receipt of the invoice has no relevance to the date when the payment is due. If the buyer is in arrears with payment default interest at the rate of interest for an unsecured business loan of at least 11.2% p.a. becomes payable. All costs including out-of court costs for assertion of claims as well as those incurred through a debt collection agency are charged to the customer at the rates set out in these conditions.

### 6. Proprietary rights and assignment of claims

Until full payment has been received all goods delivered remain the property of ISOCELL GmbH. If the buyer is in arrears with payment, ISOCELL GmbH is entitled, without withdrawal from the contract, to demand the return of the goods and to collect the same. In the event that the goods delivered have already been sold or processed before full payment has been made – either for the goods or for other transactions – the customer herewith irrevocably surrenders those sums of money resulting from the sale or use of the goods and payable to him by his own customer / buyers to the amount of his obligations to ISOCELL GmbH. This surrender becomes effective with its acceptance by ISOCELL GmbH.

### 7. Guidance and instructions for use

Consultancy services provided by ISOCELL GmbH do not form part of the order and are without exception non-binding. The customer is obliged to request a description of the product and the guidelines for use and to adhere to these specifications during installation of the material supplied. Decisions concerning the use and application of the goods are made at the customer's own risk.

### 8. Calculation

Indications made by ISOCELL GmbH relating to quantities or areas for coverage etc. are not contractually binding. Such values may differ considerably due to local conditions, the actual installation, methods of application etc.

### 9. Warranty

In the event of duly notified defects ISOCELL GmbH will, as it chooses, fulfil warranty obligations in the form of improvement, exchange for faultless goods, price reduction or cancellation of the contract and credit the amount of the purchase price. The customer is permitted to demand a price reduction or nullification of the sale only after giving written notice of this intention if ISOCELL GmbH does not provide improvement or exchange of the goods within an appropriate period. All claims for warranty made by the customer to ISOCELL GmbH expire after 5 years from delivery of the goods, or, in the case of machines, 2 years after delivery.

### 10. Liability and compensation

The liability of ISOCELL GmbH for damage claims of any kind whatsoever is limited to particularly wilful negligence and intent. This does not however apply in the event of injury to persons. No liability is accepted for consequential damage, indirect damage or accompanying damage. All claims for damage on the part of the customer against ISOCELL GmbH are limited by statute to maximum 3 years after delivery of the goods, even in the event that faults are identified at a later date. The buyer and/or the customer waives the right to claim compensation from ISOCELL GmbH for warranty that has taken place and also for damage governed by the product liability law. The customer undertakes to impose the aforementioned waiver to every further company and to indemnify and hold harmless ISOCELL GmbH against such claims by others.

### 11. Exclusion of set-off

The customer expressly waives compensation for any counterclaims against ISOCELL GmbH for claims to which he is entitled.

### 12. Jurisdiction and applicable law

The parties agree that only Austrian substantive or adjective law shall apply. Application of the United Nations convention governing sales contracts (Austrian Federal Law Gazette 1988/96 in its current version) and all provisions referring to it are expressly excluded. Place of fulfilment is the company headquarters, court of jurisdiction is the Regional Court Neumarkt near Salzburg, irrespective of the value in dispute. Before legal action is taken, a mediation attempt must be made according to the circumstances of the individual case.

### 13. Data protection

In accordance with the laws governing data protection we explicitly state that data concerning our customers is processed by means of our computer system and transferred to a file.

### 14. The written form

Verbal collateral agreements are not entered into. Annulment, change or amendment of the Terms must be in writing and requires the signature of all parties. This applies also to a change in this formal requirement.

### 15. Acceptance of our terms

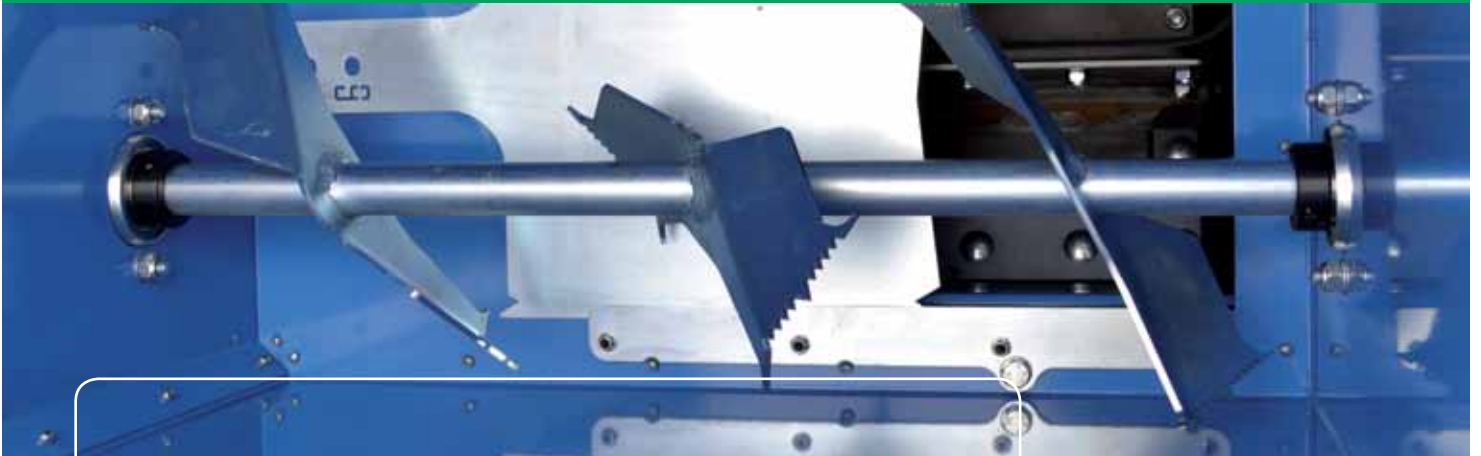
The written order is taken as confirmation of receipt of the General Terms of ISOCELL GmbH.

### 16. Salvatory clause

Should any part of this agreement contradict any existing law or be invalid for any reason, the rest of the agreement shall remain unaffected and valid. The invalid provision is to be replaced by a valid provision which is as close as possible to the economic equivalent of the intended aim.

Issued September 2011

The new General Terms and this price-list supersede all previous publications. Price increases during the year may be made.



YOUR GUARANTEE FOR THE BEST TECHNOLOGY



Equally as innovative as ISOCELL's product range is the technology for its application. All ISOCELL products can be operated easily and efficiently – saving time and money. ISOCELL's powerful blowing systems, from the handy small unit to the big bale system, are state-of-the-art. They set the standards in the installation of cellulose insulation, both on the construction site and in the prefabrication of wooden elements for construction. Our comprehensive technical support provides answers to all questions concerning installation. Our partners value the technological advantage and ISOCELL's competence in providing solutions as a key asset in their contact with customers.

EFFICIENCY SAVES  
TIME AND MONEY

## A STEP AHEAD WITH PERFECT BLOW-IN TECHNOLOGY