

# 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.

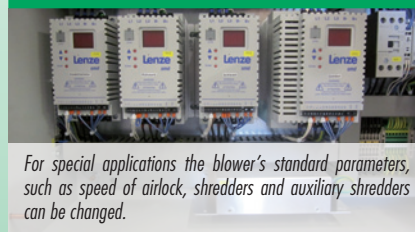
*Firma NBS-Systeme Nöger, Franz Nöger*



ISOCELL radio remote control:  
simple, cable-free operation



Every drive controlled with its own frequency  
converter

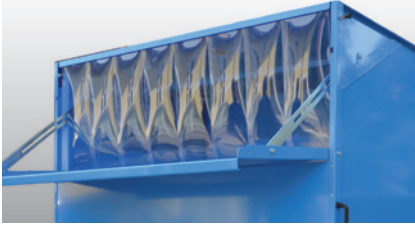


*For special applications the blower's standard parameters, such as speed of airlock, shredders and auxiliary shredders can be changed.*

Electronic slide-gate



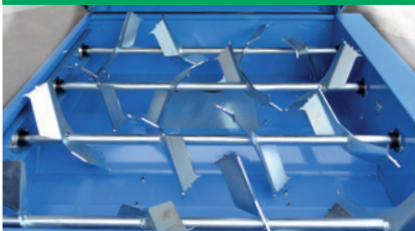
Robust sack tray with dust protection, full width usable



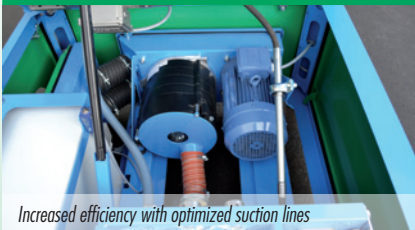
Extension with fold-down lid for dust reduction



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
- 400 V 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

**Dimensions (LxBxH):** 103 x 125 x 178 cm with extension / 82cm without extension

**Weight:** 460 kg

**Hopper:** 100 x 120 x 120 cm  
(removable) (1440 l = 8 sacks ISOCELL)  
Filling height 125 cm

**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) / 380m<sup>3</sup> air volume / h (max)

**Electrical connection:** 400 V / 50 Hz, 16A (3-phase current)

**Hose connection:** 3 " (76 mm)

**Controls:** ISOCELL radio remote control  
ISOCELL radio remote unit with cord

**Output:**

**loose blow:** approx 1600 kg / h

**dense blow:** up to approx. 1000 kg / h

**Roof:** up to 50 cm thick insulation

**Wall:** up to 40 cm thick insulation

Output data based on cellulose insulation