

STOPS FASTER. FULL STOP.



**Safety Bandsaws at the highest level—
because when a limb is on the line,
every millisecond counts.**



 **BLADESTOP**
powered by SCOTT



What is BladeStop™

BladeStop™ is a state of the art, industrial bandsaw and can prevent dramatic accidents and amputations in relation to bandsaw operations. To address operator monitoring accuracy, we developed a "dual-sensing" system using a combination of two technologies:

Our unique **Dual-Sensing Technology** protects your employees from serious injuries and reduce high costs for rehabilitation and premiums. The dual sensing system, combining **Body-Sensing** and **Vision-Sensing**, offers your employees the highest safety standard on the market. Bandsaws are typically one of the most dangerous pieces of cutting equipment used in protein and industrial processing plants, but BladeStop is designed to be both safe and easy to operate. The award-winning design is uncomplicated and user-friendly with unbeatable safety features. BladeStop are the only bandsaws certified for their functional safety by internationally recognised testing organisation DGUV Germany.

The machine has been designed with food safety requirements in mind, as well as the ability to be hygiene and cleaned effectively. The robustness of the saw facilitates cleaning procedures that utilise caustic and hot water wash-downs and meets IP-Ratings from IP67-IP69K. It's mandatory to use Scott's supplied PPE to operate the machine safe and properly.

GOOD FOR YOUR PEOPLE, GOOD FOR YOUR BUSINESS

Balancing the responsibility of caring for your teams safety with ensuring the continuing efficiency of your business is a difficult task, but BladeStop brings those priorities together. With fewer serious incidents and long-lasting parts, your business will run efficiently, and your operators will get home safe every day. And to us, that's priceless.

Considering the Cost

When we review the commerciality and value proposition of BladeStop, it is often easy to just compare the cost to tend the injury against the cost of the saw, however, there are many real factors to consider underneath the surface.

Direct Financial Impact

- ⌘ Workers' compensation costs
- ⌘ Legal fees
- ⌘ Medical costs
- ⌘ Rehabilitation costs
- ⌘ Insurance premiums
- ⌘ Production down-time

Indirect Impact

- ⌘ Psychological trauma of the victim and colleagues
- ⌘ Impact on reputation for the business
- ⌘ Global impact on brand



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Stop bandsaw injuries, Start ensuring operator safety.

With over 1,600 units sold in more than 40 countries, BladeStop™ is the world leader in safety bandsaw technology.

The state of the art safety bandsaw significantly reduces the risk of serious injury. The innovative **Dual-Sensing technology** provides second-to-none protection with **Vision and Body-Sensing** capabilities and triggers our braking mechanism which can bring the blade to a full stop in less than 10 milliseconds — the fastest stopping time on the market.

BladeStop™ conforms to the European CE-Regulations according to the machinery directive 2006/42/CE. The required type certification for machine types according to ANNEX IV required by the Machinery Directive Article 12 (3) b) was carried out by

DGUV Test

Prüf- und Zertifizierungsstelle
Nahrungsmittel und Verpackung
Fachbereich Nahrungsmittel
Kenn-Nummer 0556
Prüfberichtsnummer: NV 22238



Certified for functional safety

BladeStop™ is the only safety bandsaw on the market that has been tested and certified by the BGN - Berufsgenossenschaft Nahrungsmittel und Gastgewerbe for functional safety and is therefore provided with the DGUV test mark for functional safety tested.



Features & Benefits

- Increases the safety in your production
- Reduces the risk of serious injury
- Simple to operate and made for the everyday life
- No need to replace blades after a stopping activation
- Dual Sensing System
- Small Glove detection area for higher productivity
- Fastest stopping time on the market
- Body-Sensing for full body protection
- Certified for functional safety



Body-Sensing Technology – A revolutionary world-first system which monitors not just the operators' fingers, but their entire body.

Our advanced control system is continuously looking out for contact between the operators' skin and the saw blade, even when not in direct line of sight on our GloveCheck system. The innovative sensing system can distinguish the difference between human flesh and the product being processed. It is this sensing system, paired with the fastest stopping time on the market, which makes it possible for the operator to walk away from an incident with a minor cut rather than a serious amputation.

Only BladeStop's
Body-Sensing Technology
provides full body protection.

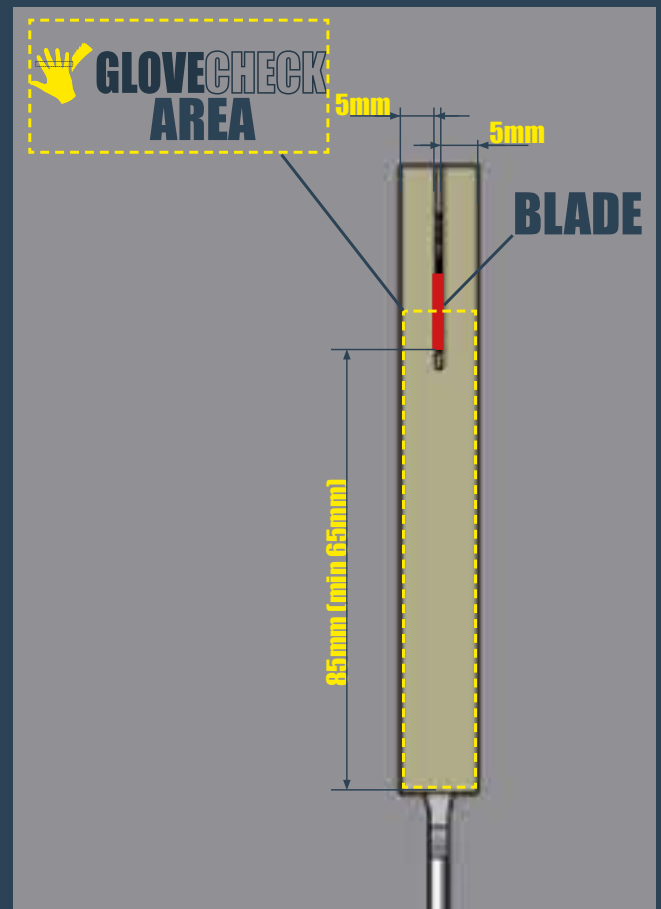
A Vision-System only
is NOT safe.



GloveCheck™ Vision Sensing – This vision system was developed by Scott as a solution to significantly reduce risk of serious injury.

Our high-speed vision system is continuously monitoring the hazardous area around the blade and if their trajectory is calculated to result in contact with the blade, the patented BladeStop braking-mechanism stops the blade before an operator comes into contact with it. This results in most operators walking away from the saw without a scratch.

Due to the fast stopping time of BladeStop the GloveCheck monitoring area is designed very lean to ensure maximum productivity by maximum safety.



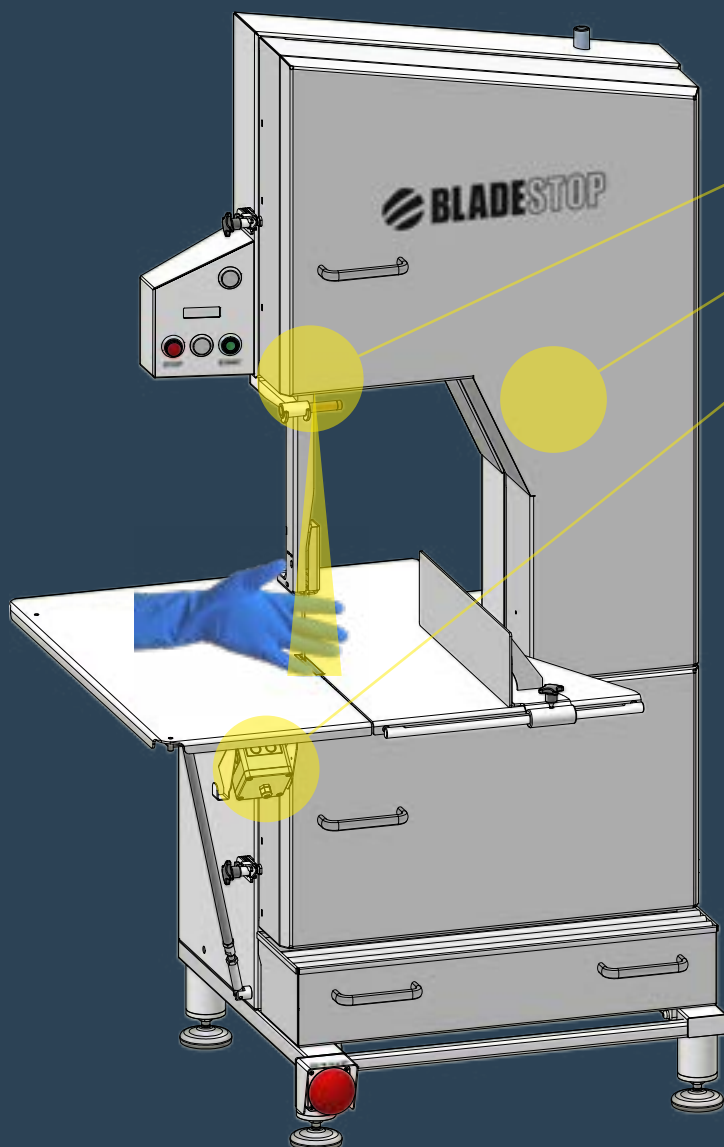
Start-Up procedure:

- Operator puts on BladeStop required PPE and Body-Sensor with supplied belt
- Operator following the clear text display instructions touching the machine and showing the glove
- Saw is started via control panel start button

The Start-Up procedure takes less than 10 seconds for advanced operators.



Design Principles:

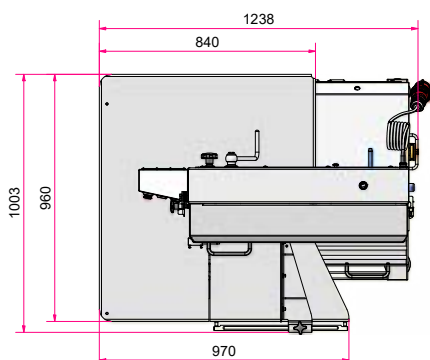
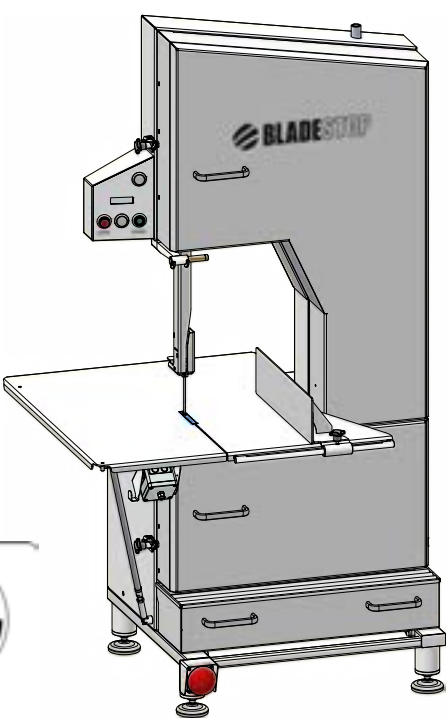
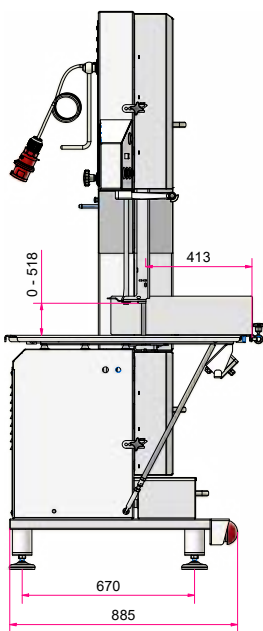
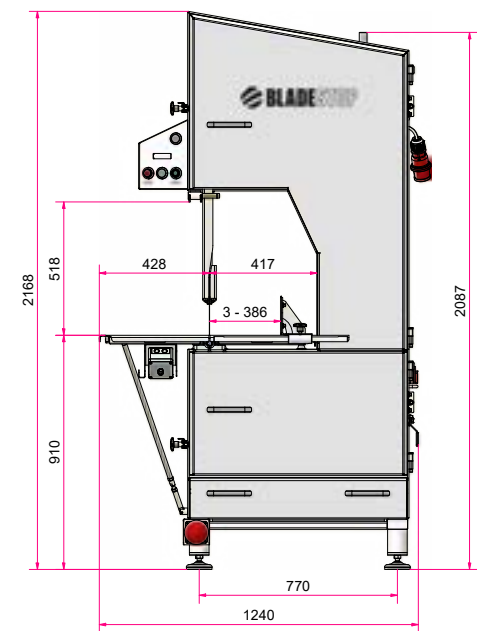


- GloveCheck vision system for early risk detection
- Unique Blade Brake-Mechanism
- Body-Sensing for full body protection

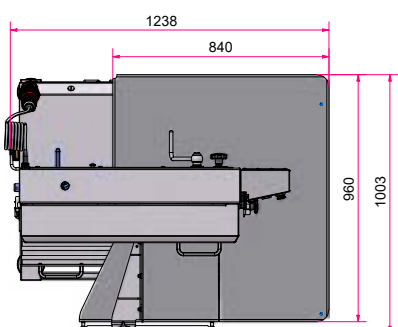
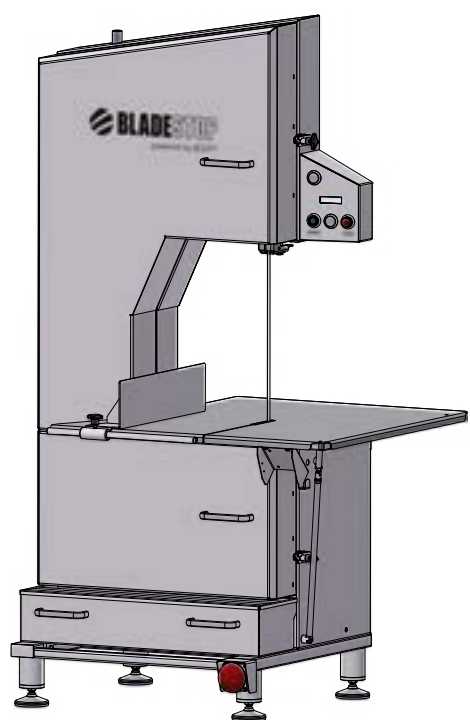
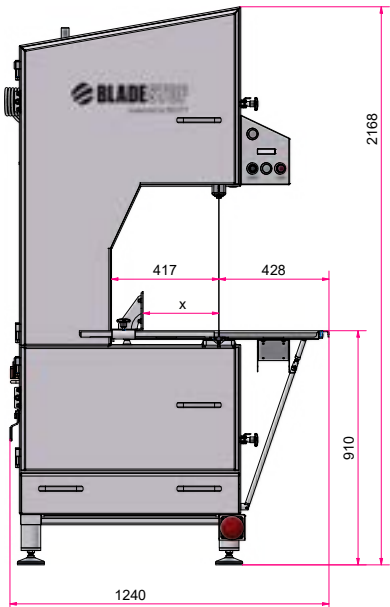
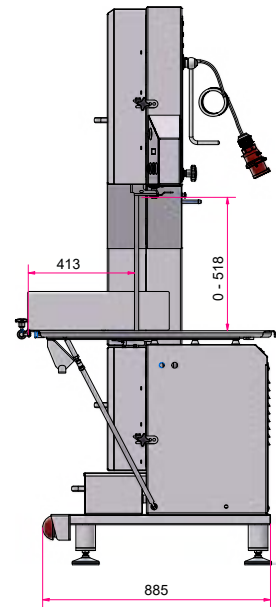


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Machine Orientation:



BLADE:		K400 Fixed Table Left Hand	
Datum	Name		
Revision	Blatt		
	1 / 1		



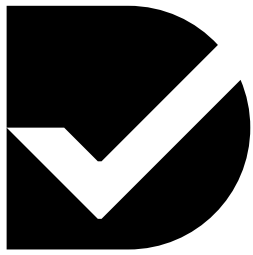
BLADE:		K400 Fixed Table Right Hand	
Datum	Name		
Revision	Blatt		

Our Awards:

Good Design Award Australia

The Australian Good Design Awards showcase the very best in design and innovation to a worldwide audience. Originally established in 1958 under the banner of the Industrial Design Council of Australia, the Awards have been setting the international standard for good design for more than six decades.

Recognised by the World Design Organization (WDO) as Australia's peak international design endorsement program, the Awards have a proud legacy of recognising, rewarding and celebrating the projects, people and brands behind great design.



**GOOD
DESIGN
AWARD®
GOLD WINNER**

German Design Award

The German Design Awards are the premium prize of the German Design Council. With its global scope and international appeal, it is one of the most prestigious awards in the design landscape across all industries.

Since 2012, the German Design Awards have been identifying key design trends, presenting them to a broad public and honouring them. Extraordinary submissions in product design, communications design and architecture are selected each year. Twelve nationalities are represented on the jury of the German Design Awards 2024. It is made up of renowned design experts from business, education and science as well as the design industry.



**GERMAN
DESIGN
AWARD
WINNER
2024**

ISSA Safety Award

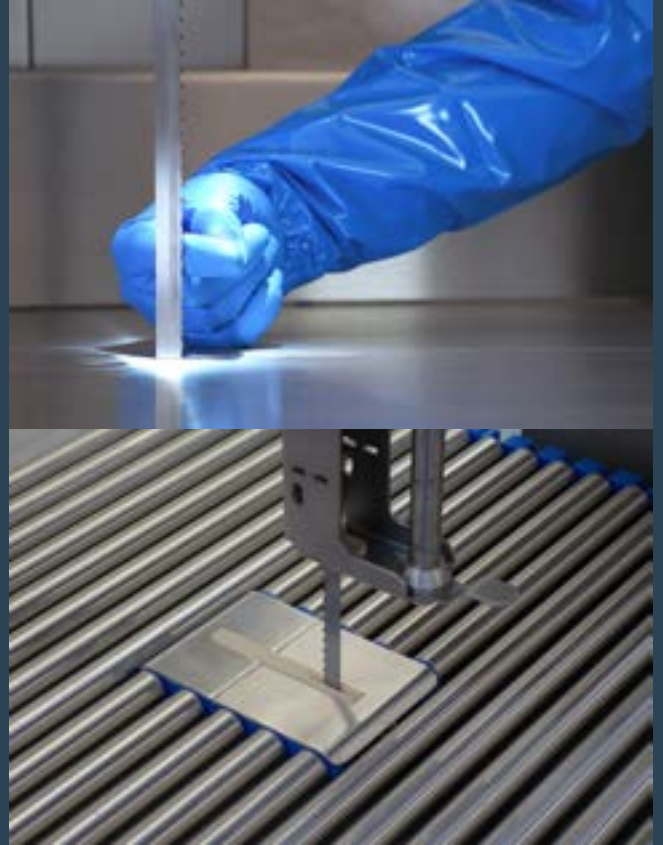
The safety of machines has always been a major focus for the ISSA Section Machine and System Safety. Progress has been made in the past, but there are still too many accidents in relation with machines worldwide which not only cause human suffering, but also entail substantial costs for the social insurance systems.

For this reason, the ISSA Section Machine and System Safety invited entries for a safety award to motivate machine manufacturers to pursue machine safety and ergonomics even stronger than before. The Safety Award will be relaunched every three years.

An international jury evaluated the machines which were submitted for the Safety Award according to special criteria, for example unique selling attraction, geographic spread, applicability, risk reduction, added cost for user, ergonomics – to mention only some. It was checked if an innovative technology was applied and a branch-crossing solution was implemented. The exemplary and outstanding solutions of the three winners of the award 2023 have convinced the international jury.



SAFETY AWARD
ISSA Section Machine and System Safety



Learn more

- Visit our [website](#)
- BladeStop™ [Product Video](#)
- Read more [BGN Jahrbuch Prävention 2024-2025 Page 72](#)
- Read more [BGN Akzente 4|2022 Seite 20/21](#)
- The key difference [Bladestop Body Sensing vs Other Vision Only Safety Systems](#)

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Specifications



6.5-7.5 bar
(85-110 psi)



380-400 VAC
50/60 Hz



480-650kg
(vary by model)



IP 67-69k
rated



Support
World Wide

Servicing and maintenance how and when you need it

As a global automation company, we have access to a worldwide service network of trained BladeStop technicians to provide ongoing maintenance and staff training to keep your BladeStop in perfect condition for its full lifespan.

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