



You can't control every situation,
but you **CAN** control the outcome.

The logo for BLADESTOP, featuring a yellow circle with a black and white striped pattern on the left, followed by the word "BLADESTOP" in a bold, white, sans-serif font.

Fastest Stop. Safest Cut.
The Gold Standard in Bandsaw Safety

The ROI of Bandsaw Injury Mitigation

Prevent what you can. Control what you can't.

84% Bandsaw Incidents Result in Amputation

31 Median Days Lost (Machinery-Related Amputations)

\$200K Average Cost of a Single Amputation

\$6.7M Sales to Offset a Single Amputation (3% Margin)

Direct Costs

Medical treatment
Wage replacement
Workers' compensation
Legal costs tied to the claim

Indirect Costs

Lost productivity & delays
Overtime or temp labor
Fill-in labor onboarding
Fill-in labor inefficiencies
Investigation & reporting
Management time

Unaccounted Costs

Rising insurance premiums
OSHA citation penalties
Civil or third-party lawsuits
Brand/reputation damage
Employee retention challenges
Corporate risk profile impacts

Data Sources: OSHA Severe Injury Reports (2015–2025), OSHA Safety Pays Estimator, U.S. Bureau of Labor Statistics

Injury costs are severity-driven. Severity is proportional to stopping time. Not every mistake can be stopped, but the blade can.

Fastest Stop. Safest Cut.

Dual-layer safety activation.
Standstill in under **10** milliseconds.



Unmatched Injury Mitigation

- Dual-sensing safety activation combines vision-based GloveCheck™ with contact-based BodySensing™ for redundant protection
- Contact-based detection activates when any part of the body comes into contact with the blade or vision is compromised by blood, product, or other operating conditions
- Blade stops in <10 milliseconds using a patented mechanical blade clamp
- Waist-worn tether eliminates wires on hands, wrists, or sleeves that can interfere with cutting
- Bypass protection ensures only properly equipped operators can use the machine
- Full safety interlock system prevents operation when doors, guards, table, or bins are open
- Left- and right-hand configurations eliminate need to reach across the blade
- Certified functional safety (DGUV) and global approvals (UL, CE, KC)



High-Throughput Performance

- Industrial-duty motor for continuous load and high-throughput
- Single-piece cast wheels deliver high torque and blade stability for smooth, consistent cuts
- Blade speed optimized for throughput and cut quality
- Rapid (<20s) reset minimizes downtime
- Minimal false safety activations because of narrow camera detection zone, which is possible because of the ultra-fast blade stopping capability



Fit for Demanding Protein Processing Environments

- Hygienic design supports daily sanitation requirements
- Stainless steel BodySensing™ contact pads are naturally antimicrobial and easy to clean
- Cast wheel design delivers higher torque transfer and blade stability for smoother cuts and better finish quality
- Heavy-duty frame and reinforced table structure prevent long-term bowing or deformation under heavy product loads
- Long service life with industrial-grade materials selected for durability
- Compact footprint fits efficiently into existing or tight workspaces

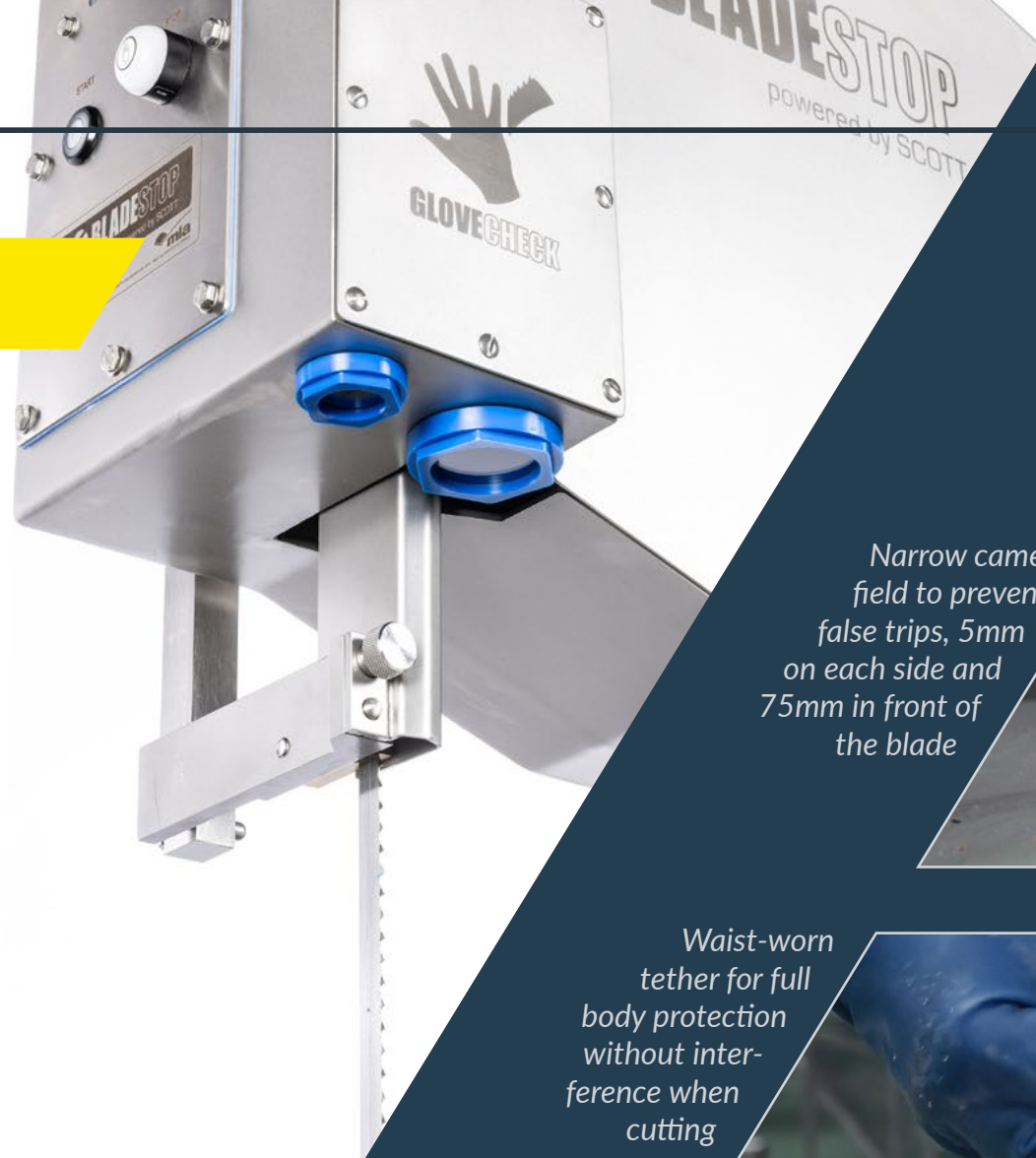
Easy to Operate and Maintain

- No HMI required for daily operation; minimal training burden
- Ergonomic layouts support natural cutting motions and reduce fatigue
- Quick-release tether system enables fast changeover between operators
- Smooth surfaces and open design simplify cleaning and inspection
- Mechanical blade clamp avoids wheel de-tensioning reducing component wear
- All consumables (blade scrapers and wheel scrapers) are easy to maintain/exchange
- Flexible glove choice; operators are not locked into proprietary gloves

Trusted Globally, Supported Locally

- Largest global install base of over 2500 safety bandsaws
- Certified for U.S. and international markets
- Domestic service support from BladeStop expert technicians
- Preventative service agreements
- Low cost of ownership

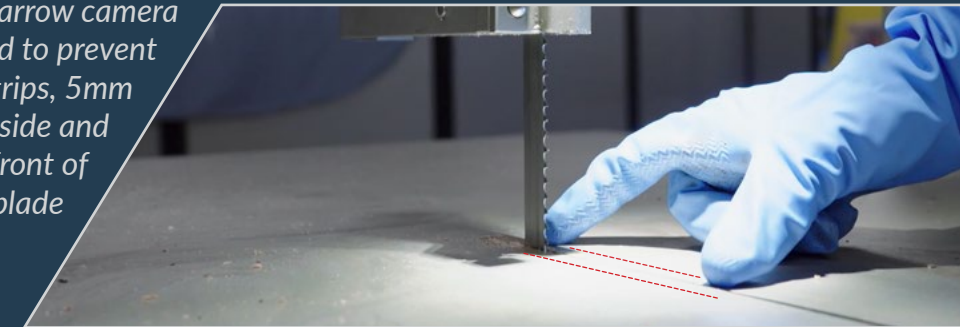
Click or Scan to
View BladeStop
VideoShowcase



Simple user
interface with
minimal training
requirement



Narrow camera
field to prevent
false trips, 5mm
on each side and
75mm in front of
the blade



Waist-worn
tether for full
body protection
without inter-
ference when
cutting



BladeStop Connect Real Time Data for Proactive Decisions

Bladestop Connect is an optional add-on that allows you to view real-time and historical data for your entire facility or individual operators to easily identify service requirements, maintenance needs or training issues.



Portfolio of Safety
Bandsaws

Model	T300	T400	T600	K800
Ideal Application	Retail and Portioning	Medium Primal Cuts and Portioning	Large Primals and Hindquarters	Large Primals and Whole Carcasses
Wheel Diameter	14 in 356 mm	17 in 432 mm	25 in 638 mm	16.9 in 430 mm
Blade Length	118.1 in 3000 mm	129.5 in 3290 mm	177.17 in 4500 mm	192 in 4880 mm
Blade Speed	6377 ft/min 1944 m/min	7680 ft/min 2341 m/min	7654 ft/min 2333 m/min	6299 ft/min 1920 m/min
Motor Voltage	208-240 VAC/1Ph/60Hz 208-480 VAC/3Ph/60Hz	208-600 VAC/3Ph/60Hz	208-600 VAC/3Ph/60Hz	208-600 VAC/3Ph/60Hz
Motor Power	3 HP 2.2 kW	5 HP 3.7 kW	10 HP 7.5 kW	10 HP 7.5 kW
Rated Current	30 A (208-240VAC) 20 A (480-600VAC)	30 A (208-240VAC) 20 A (480-600VAC)	30 (208-240VAC) 20 (480-600VAC)	30 (208-240VAC) 20 (480-600VAC)
Weight	800 lbs 355 kg	1250 lbs 560 kg	2600 lbs 1150 kg	1918 lbs 870 kg
Cutting Height Clearance	14.4 in 367 mm	16.5 in 420 mm	20.3 in 515 mm	24 in 610 mm
Cutting Side Clearance	13.3 in 337 mm	15.4 in 390 mm	23.2 in 590 mm	31.5 in 800 mm
Cutting Stroke	15.8 in 402 mm	14.1 in 358 mm	16.5 in 420 mm	15.7 in 400 mm
Sliding Table Dimensions W x D	15.6 x 21.7 in 385 x 550 mm	15.6 x 21.7 in 395 x 550 mm	N/A	N/A
Table Dimensions W x D x H	31.7 x 35.3 x 40 in 805 x 897 x 1015 mm	35.5 x 36.9 x 38.8 in 901 x 936 x 986 mm	47.5 x 46.7 x 37.5 in 1206 x 1185 x 952 mm	58 x 38.2 x 36.6 in 1473 x 970 x 930 mm
Machine Footprint W x D x H	37.1 x 39.1 x 77 in 942 x 992 x 1957 mm	45.9 x 48.7 x 79.4 in 1234 x 1165 x 2018 mm	57.5 x 49.2 x 86.7 in 1461 x 1249 x 2201 mm	84.5 x 38.2 x 128.8 in 2147 x 970 x 2372 mm

**Protect Your People.
Protect Your Business.**



Fastest stopping
bandsaw for the
most effective
injury mitigation



Dual-sensing safety
activation offers
redundancy for
maximum protection



Domestic expert
technicians provide
fast and dependable
service support



Domestic spare
parts hub delivers
fast turnaround on
critical repairs

* UL pending



Fastest Stop. Safest Cut. **The Gold Standard in Saw Safety.**

Designed to protect without compromising production performance, BladeStop™ is the fastest-stopping safety bandsaw mitigating severe injury when it matters the most. With a reliable dual-activation system, hygienic design and domestic service support, BladeStop™ effectively safeguards teams, minimizes liability exposure, and keeps operations moving.

BladeStop™ is a product of Scott Automation and Technology. Operating across several industries including protein processing, material handling, appliance manufacturing and mining, Scott's specialized solutions transform hazardous and labor-intensive processes into safer, more productive, and more predictable operations. With over a century of engineering expertise, Scott is trusted by leading global brands to help reduce operational risk, stabilize labor, and deliver consistent, reliable output.

Contact Us:

SalesAU@ScottAutomation.com | BladeStop.com

