ELITE
BLADE PERFORMANCE

THE E-S4 AUTOMATED SHARPENER

The most precise, consistent, and efficient skate sharpener on the market today, trusted by hundreds of pro teams and retailers across North America.

TRUSTED BY 150+ PRO TEAMS

The Elite E-S4 is a state-of-the-art, computerized blade sharpener that delivers consistent blade performance like no other system in use today. Engineered for precision, speed and game-changing consistency, it uses steel wheels to guarantee consistent hollows, a center-mount clamp to ensure symmetrical edges, and a Siemens-driven automated cutting process to preserve the original blade profile with every sharpening.

In a competitive retail landscape, consistently great service is the difference between a one-time customer and a loyal client. With the Elite E-S4 you can offer faster service, consistent results, and a premium sharpening experience that sets your shop apart, locks in customer loyalty, and boosts your bottom line.

"The Elite E-S4 skate sharpener has been a game-changer for us. Its consistent sharpening results have our players really trusting their blades on the ice. Their profile never changes. The automated machine also saves us hours every week, which is critical during a busy season."

BROCK MYLES
Head Equipment Manager
Washington Capitals

KEY FEATURES

- **COMPUTER-CONTROLLED AUTOMATION**
  Fully computerized automation, powered by state-of-the-art Siemens components for reliable, repeatable results.
- **TOUCH-SCREEN DISPLAY**
  User-friendly interface with multiple options, including hockey, goalie, figure skate and X-grind settings, number of passes, heel/toe modifications and other custom features.
- **COMPUTERIZED TEACHING PASS**
  Reads and perfectly replicates the blade profile during the sharpening process for lasting accuracy and consistency.
- **STEEL ALLOY WHEELS**
  Super-abrasive-crystal coated steel wheels maintain their precise radius of hollow, never need dressing and last much longer than traditional resin wheels (10,000 passes).
- **SELF-CENTERING CLAMPS**
  Our clamps align the exact center of the blade with the exact apex of the grinding wheel every time, regardless of variations in blade width.
- **BLADE STRAIGHTENING**
  Exerting more than 8,000 psi of symmetrical inward pressure, the clamps help straighten blades that may have curved from heavy use.
- **PROFILE SCAN FUNCTION**
  This new feature allows you to get a precise and immediate blade profile analysis of any given blade, with detailed geometry data on radius curves and transition zones.
- **RFID-ENABLED WHEELS**
  Radio frequency ID tags track wheel usage to optimize maintenance and performance.
- **BUILT-IN CONNECTIVITY MODULE**
  Allows for remote software updates and support.
- **INTEGRATED CYCLONIC VACUUM SYSTEM**
  Effectively removes the sharpening particles, keeping your workspace clean and safe.
- **ADVANCED SAFETY FEATURES**
  CSA certified, designed for clean, safe, worry-free operation in busy environments.

RETAIL BENEFITS

EFFICIENCY THAT BOOSTS THE BOTTOM LINE
The speed and automation of the E-S4 help you serve more skaters, reduce wait times, and increase sales—especially during peak hours. Sharpen two blades at a time, hands free, averaging two minutes per pair.

STAND OUT FROM THE COMPETITION
Deliver pro-level sharpening with the same system trusted by professional teams across North America.

CONSISTENT SERVICE OFFERING
Easy to learn and use, the E-S4 delivers reliable, pro-level edges that are consistent every time, no matter who is operating the machine.

VERSATILITY FOR EVERY CUSTOMER
Any blade, any hollow. Hockey, goalie, and figure skate options. Steel wheels from 1/4" to 1 7/8". Whatever your customer wants, we've got you covered.

RELIABLE SUPPORT
Elite is your partner in blade care, with virtual training, troubleshooting support, and detailed videos covering installation, operation, maintenance, and FAQs.

OPTIONS

Classic Red
The signature Elite look trusted by pros and retailers across North America.

Custom Colors
Make a statement in your pro shop with your logo and brand colours.

Purchase Includes

- 5 pairs of RFID-enabled, CBN-coated sharpening wheels (⅜", ½", ⅝", ¾", ⅞")
- 1 pair of X-grind/roughing wheels
- 1 wheel cabinet
- 4 universal blade holders
- 1 stoning block
- 1 figure skate kit
- 1 E-S4 toolkit (full kit of accessories and tools)
- Installation, operation and maintenance videos
- Online training and troubleshooting
- 2-year warranty

Specifications

Weight: 300 kg, 660 lbs
Dimensions: Length: 52.3" X Height: 49.5 X Width: 27.1"
(132.8 X 125.7 X 68.8 cm)
Electricity: 240 V
See spec sheet for details.

Financing Available

Want to spread out your investment?
Call us for leasing options.

FOR MORE INFORMATION, CONTACT:
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