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.

Designed with your job in mind: speed and efficiency without shortcuts, automation without compromise, and consistency you can trust. Whether you're managing a home game or traveling on the road, our technology makes it easier to take care of your players.

"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 sharpening 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.

PRO TEAM BENEFITS

EFFICIENCY
The speed and automation of the E-S4 help you spend less time sharpening. Sharpen two blades at a time, hands free, allowing your equipment staff to focus on players, not the machine. The E-S4 keeps up with your schedule.

UNBEATABLE CONSISTENCY
Computer algorithms read and reproduce the shape of blade profile from heel to toe, giving every player the exact same shape every single time. When your players trust their blades, they step on the ice with confidence. Every edge matters.

VERSATILITY FOR EVERY PLAYER
Any blade, any hollow. Steel wheels from 1/4" to 1 7/8". Whatever your player needs, you can deliver it.

RELIABLE SUPPORT
With Elite you're not just getting a machine. From training to troubleshooting to on-ice profile testing with your team, Elite is a partner in your blade care.

OPTIONS

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

Custom Colors
Make a statement in your equipment room with a custom-painted machine featuring your team's logo and colours.

Purchase Includes

- 5 pairs of RFID-enabled, CBN-coated sharpening wheels (½", ⅝", ¾", ⅞", 1")
- 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 your investment out?
Call for leasing options.

FOR MORE INFORMATION, CONTACT:
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