THE E-P3 BLADE PROFILING MACHINE

At the highest levels of competitive hockey, the performance advantages of skate blade profiling are well known. Until recently, however, producing and reproducing customized player blade profiles accurately and quickly has been virtually impossible.

The ELITE E-P3 profiler changes everything. In use today with NHL, AHL, NCAA and Major Junior teams, the E-P3 represents the next generation of innovation in blade profiling. It is the most precise, most efficient, and most versatile profiling machine on the market today.

Key Features & Benefits

By delivering a precise profile every time, the E-P3 means matching player and blade has never been simpler. Easy to use and intuitive, the E-P3 means equipment professionals now have access to efficient, exact, infinitely variable and always consistent blade profiling.

Precision

Top players are sensitive to the most subtle variations in blade profile shape. Even differences as tiny as the width of a human hair – between blades in a pair, and between multiple sets of blades – can affect player feel and performance.

Precision begins with the profile templates which carry the shape that will be copied onto the blades. ELITE profile templates are not just laser cut, but CNC-machined to tolerances of 2/1000th of an inch to guarantee consistent results.

ELITE’s proprietary blade mounting system means the E-P3 profiles blades on their own, not mounted on skates. This means that there is always a consistent reference point for the blades, every time they are profiled. It also allows two or four blades to be mounted at a time – provided, of course, that they are the same type and length – and all the blades will end up exactly identical.
Efficiency

By handling two or four blades at the same time, the E-P3 makes the job of profiling blades much faster and easier.

Exactly how quickly the E-P3 installs a profile varies a bit, depending on the specific shape of profile selected, but on average it takes about 10-12 minutes to profile two or four blades. This means the E-P3 can profile up to 10-12 pairs, or 20-24 blades, per hour. Precise, consistent, exactly matching the chosen template. Every time.

The E-P3 enables equipment managers to easily produce multiple, identical back-up pairs for a seamless rotation of blades and instant response to urgent game situations.

"Every season, more and more players are using performance profiles. The E-P3 makes it so much easier for me to give them exactly what they want."

Pat Langlois
Assistant Equipment Manager, Montreal Canadiens

User Friendly

The E-P3 requires minimal operator supervision and is engineered to deliver precise results while leaving the equipment manager free to do other useful things. Simply select and install the profile template, mount one or two pairs of identical blades, start the system, and check back in every few minutes.

The profiling operation takes place within an enclosed cabinet, which controls dust and noise and ensures operator safety.

Overall, the ELITE system greatly reduces the hands-on time an equipment manager needs to spend on custom blade preparation. Calculating the benefit over all the pairs of blades, for a whole team of players, over the course of the season, the ELITE system’s productivity benefits are clear.

Versatility

The E-P3 system offers by far the widest range of profile choices on the market. Equipment managers can choose from a huge selection of proven, factory-calibrated profile templates, or request unique specifications to suit player preferences. ELITE welcomes special orders and will quickly supply custom templates with the required profile characteristics.

The wide range of profiles allows for more customized options, ensuring a perfect match between player and profile and ultimately higher performance.

"It was love at first sight when ELITE’s profiler came into my equipment room. The players and the coaches loved it immediately."

Eric Levesque
Head Equipment Manager, Laval Rocket