

GIVE YOUR TOOLS THE EDGE WITH THE FINEST COATING TECHNOLOGY IN THE INDUSTRY.

With your bottom-line in mind, the Tru-Edge team works to find just the right solution for PVD hard surface coatings.

Our experience in cutting tool design, advanced programming of CNC grinders and knowledge of PVD coating systems enables us to provide customers with a unique synergy that positions us as a one-stop resource for your tooling needs. Investing in new-generation PVD coating vessels allows Tru-Edge to offer a leading edge suite of hard surface coatings for tooling elements – forming tools – punches – drawing and bending tools – molds and dies – and fineblanking components.

Our #1 priority is to be customer-centric, committed to technology advancement and enhanced quality standards. Our expanding PVD coating platform is a direct result of customer input.



ADVANCED IN-HOUSE STRIPPING SYSTEMS – SUPERIOR CLEANING EQUIPMENT – CONTROLLED PVD COATINGS.

Coordinating in-house stripping with superior cleaning equipment and state-of-the-art PVD coating technologies provides our customers with a total turnkey program. Our controlled processes maximize your ROI by increasing tool component life. The Tru-Edge difference ensures proper fit, form and function thereby reducing problems throughout your operations – including die assembly area.

Our team will collaborate with yours to develop customized solutions that optimize your tool performance – mold parts, dies, punches and pins, forming tools – all types of tooling components. Experience the Tru-Edge difference and improve your bottom line.

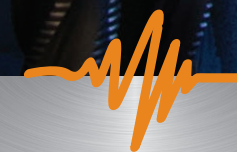
CONTACT US TODAY. Our expert team is here to find customized solutions for all your applications.



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Coating Services
TRU-EDGE



GROUNDBREAKING INNOVATIONS ARE CHANGING THE PVD GAME.

Experience the Tru-Edge advantage. Enhancements like advanced rotating cathodes, CNC controlled shuttering, and highly-sensitive diagnostics to optimize quality control are PVD machine innovations. Today our coating types include Nano-gradients, Nano-layers, Nano-composites and Quad Coatings4® - state-of-the-art coatings engineered for specific applications in specific industries.

SUPERIOR FEINAL® COATING FOR FINEBLANKING APPLICATIONS.

As a licensed partner, Tru-Edge offers FeinAL®, the advanced, Swiss developed coating that has dramatically increased tool performance in fineblanking processes. To truly experience the advantage of FeinAL – contact Tru-Edge and talk to our PVD coating engineers about your fineblanking operations.

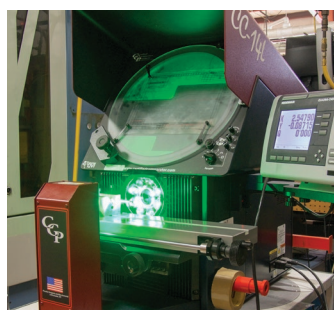
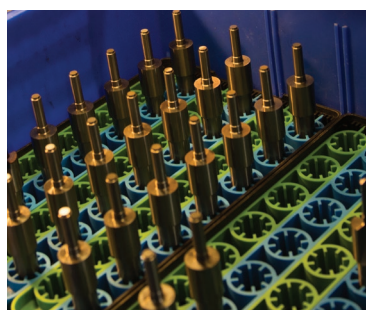


HIGHEST-CALIBER PVD COATING SYSTEMS DELIVER CONSISTENCY.

When you look for innovation, batch-to-batch consistency, and superior quality, look no further than Tru-Edge coating services. Our technicians have the know-how, experiences and customer commitment to process your parts from beginning to end – a value stream system you can count on!



We handle your tools from pick-up to return!
Contact us today regarding our regional pick-up and delivery services.



COMPREHENSIVE COATING APPLICATIONS

TOOLING COMPONENTS

FeinAL® – Superior PLATIT dependability in wear-protection and life extension for fineblanking operations.

Tru-PLEX – A unique Tru-Edge coating with stoichiometry engineered for high production applications in the forming, punching, bending and deep drawing industries.

CYBER-Coat MP™ – A Tru-Edge enhanced TiCN-MP coating for the stamping industry and traditional tool and die applications.

TiN – General-purpose coating for injection molding and guide pins.

CUTTING TOOLS

ALL4® – New generation QUAD Coatings4® to improve cutting performance in a variety of materials. This is the one to deploy to improve tool life over old generation AlTiN coatings- this is the Tru-Edge standard for universal applications.

TixCo4® – Fourth generation coating optimized for superhard machining, milling and drilling – great choice for hard-to-cut aerospace materials.

nACo® – Nanocomposite coating with extremely high nanohardness and heat resistance – excels in high-performance, dry applications- think stainless steel milling.

nACRo® – Nanocomposite coating delivering extremely high scratch and heat resistance. Exceptional coating for drilling steel and most drill applications.

TiCN-MP – Tough multipurpose coating for interrupted cutting and milling.

ALTiN – our old-generation coating used universally in cutting tool applications. For improved performance try the Tru-Edge ALL4® – new generation coating.

AlCrN – Multilayer coating with high wear resistance against abrasive loads. Good heat and oxidation resistance. Performs well in milling applications. Outstanding for very dry applications.

ZrN – Monolayer coating for reduction of edge buildup when machining aluminum (<12% Si content). With good resistance to heat, this coating is a great choice to machine titanium alloys – excellent for machining Ti-based orthopedic implants.

CrN – Best choice for machining copper and has application for wood routing tools.

TiN – General-purpose coating – the old standard. Unique application – apply the Tru-Edge “Flash Coat TiN” to indexable carbide inserts to enable operators to easily identify used and worn edges.

