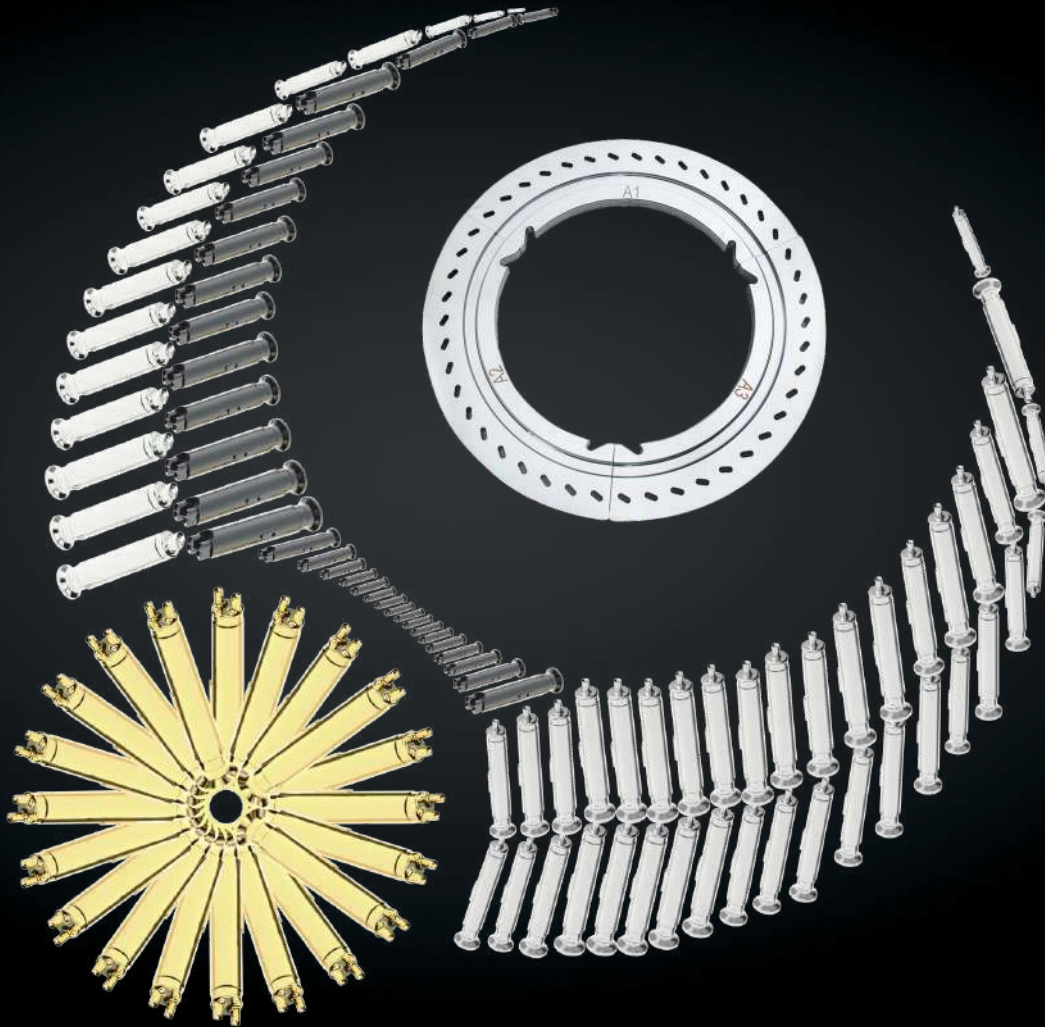
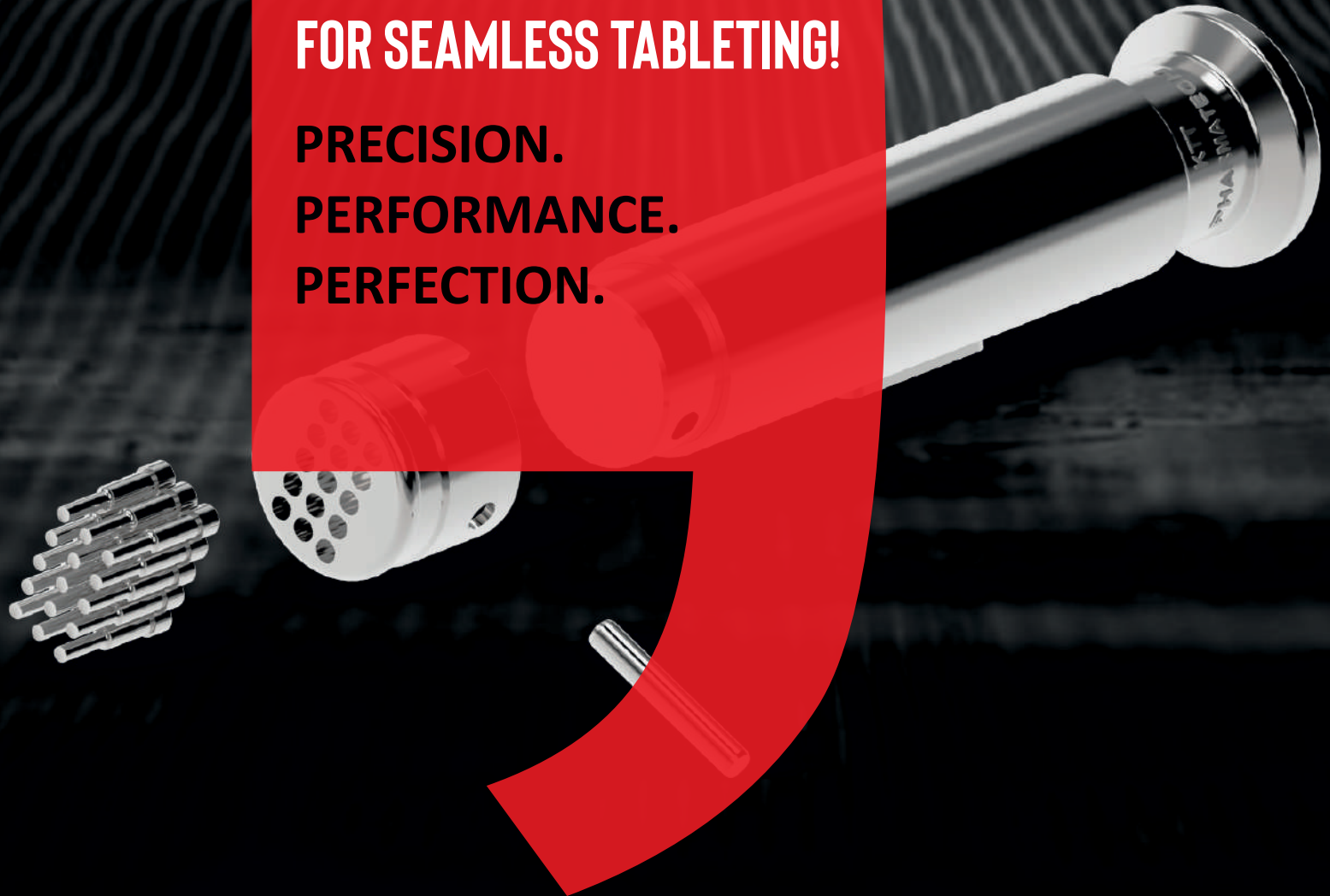




**EXPERIENCE
EXCELLENCE**

INNOVATIVE SOLUTIONS FOR SEAMLESS TABLETING!

**PRECISION.
PERFORMANCE.
PERFECTION.**





01

OUR PURPOSE

To enrich lives by optimising the production of life-saving and health-improving tablets through superior tooling and technology.



02

OUR FORTE

Deep expertise in solving tableting challenges by engineering the right tools, coatings, and maintenance solutions.



03

OUR PRINCIPLES

Manufacture and deliver the **highest-quality tablet tools**.
Foster a **transparent work culture**.
Partner in our customers' growth.
Offer premium quality at **competitive pricing** backed by exceptional customer service.



04

OUR PASSION

To be the preferred choice for customers worldwide.
To deliver best-in-class technical support, after-sales service, and quick turnaround time.
To manufacture unmatched quality products with consistency.

INFRASTRUCTURE-DRIVEN, RESULT FOCUSED!

KTТ PharmaTech is a global leader in tablet tooling and tableting machine spare parts.

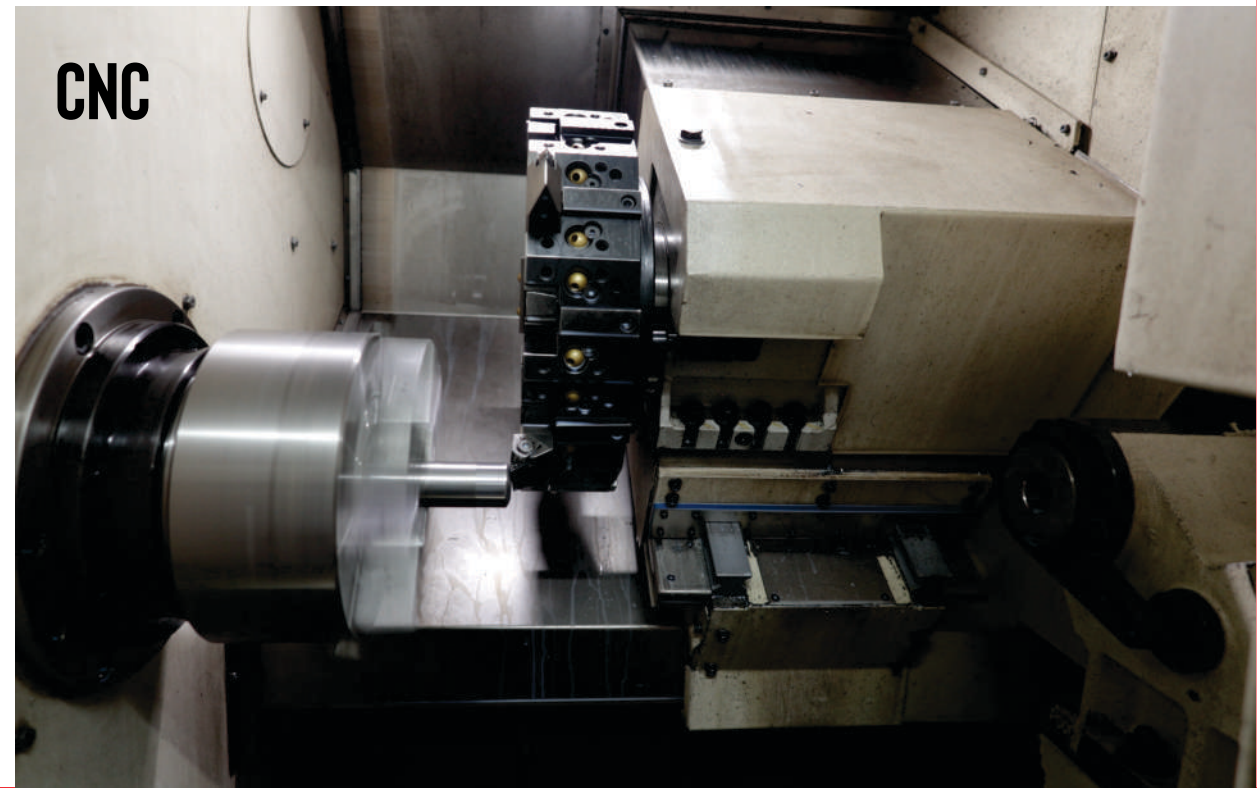
With over 25 years of industry expertise, we deliver tooling solutions that redefine performance, durability, and precision in modern pharmaceutical manufacturing.

Our headquarters and two advanced manufacturing facilities are located in Vasai, supported by an additional 7,000 sq. ft. plant in Ahmedabad, enabling high-volume, high-precision production.

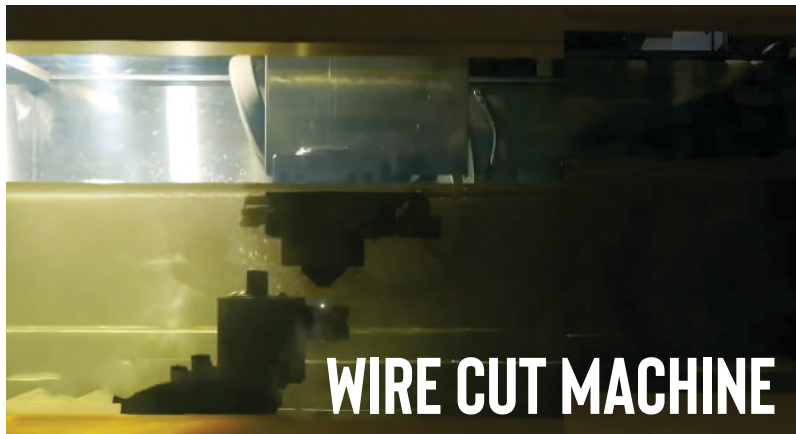
Our 15,000 sq. ft. Vasai plant houses 150+ skilled professionals, cutting-edge CNC technology, and robust inspection systems — ensuring every punch, die, and spare part meets the highest global standards.



BUNDLE ROD CUTTING



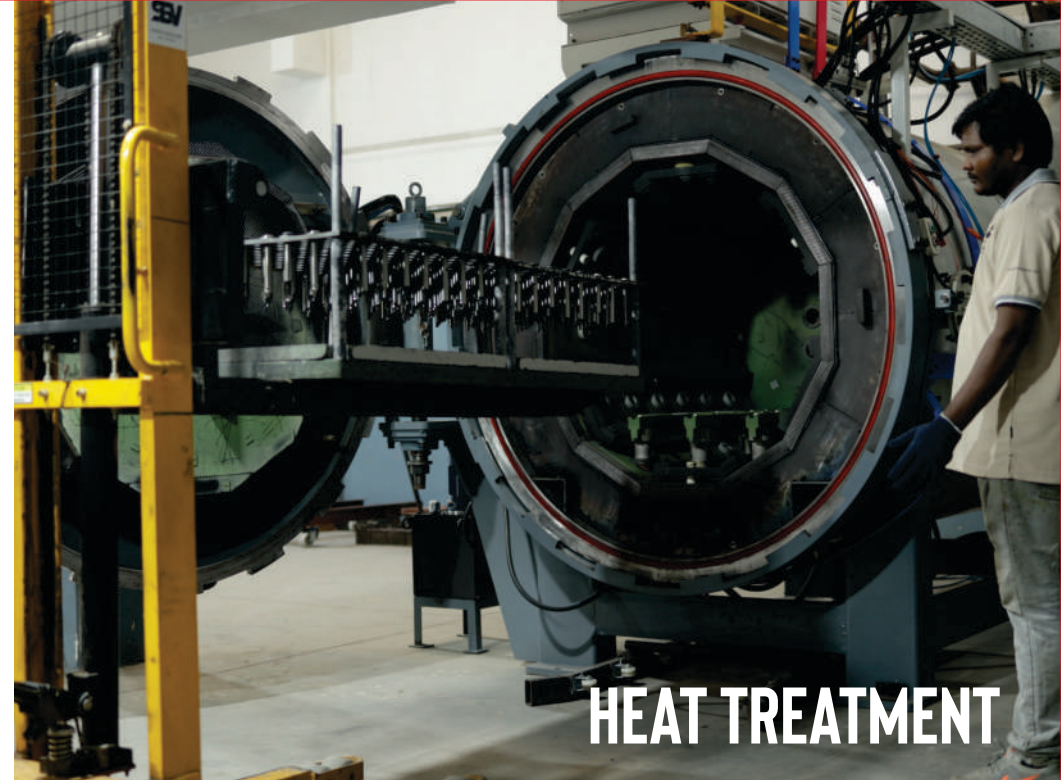
CNC



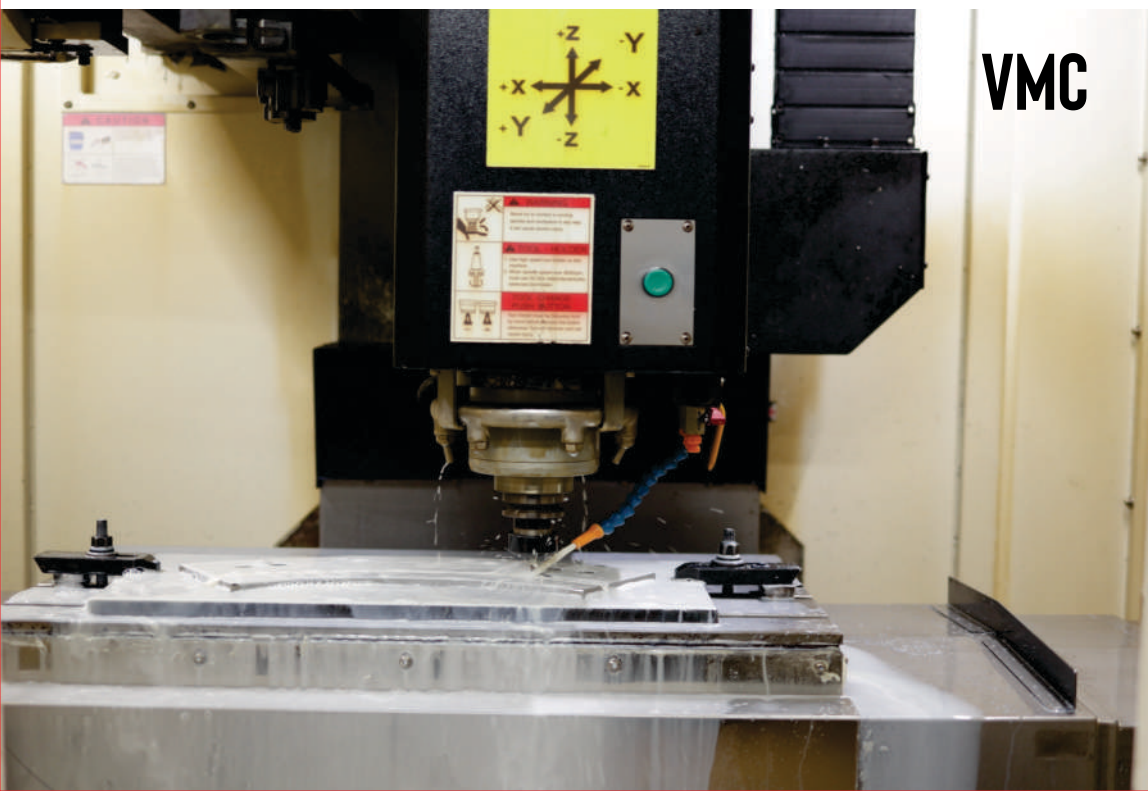
WIRE CUT MACHINE



VIDEO MEASURING MACHINES



HEAT TREATMENT



VMC



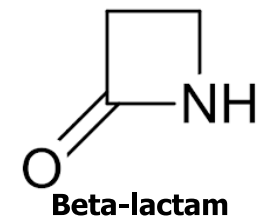
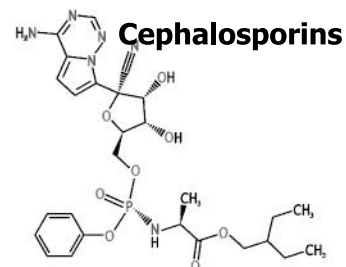
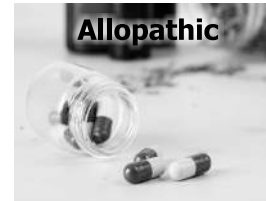
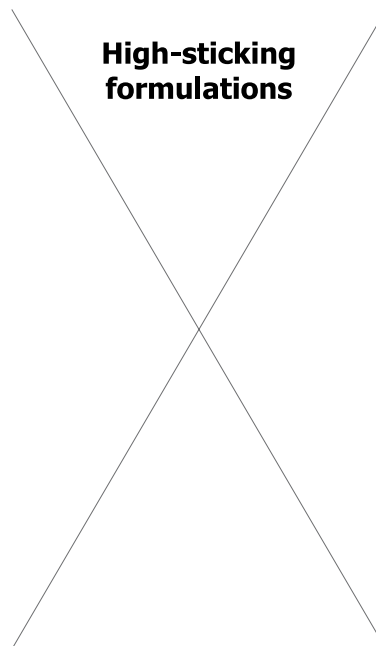
COATING

INDUSTRIES WE SERVE

**WE DELIVER PRECISION TABLETING TOOLS
ACROSS A WIDE SPECTRUM OF INDUSTRIES:**

KTT Parmatech is your go-to partner for all your tableting tool needs. We cater to a diverse range of industries, including Pharmaceutical, FMCG, Atomic & Research, Veterinary, and Confectionery. Our extensive experience and innovative approach ensure that we provide the highest quality tooling.

Ensure that we provide the highest quality tooling solutions to meet your unique requirements. No matter the industry, our tailored solutions and commitment to excellence make us the preferred choice for tableting tool manufacturing.



WE ARE BEYOND MANUFACTURER.

WE ARE SOLUTION PROVIDERS.

We specialise in end-to-end tableting solutions from tooling challenges to machine maintenance.



01

CHALLENGE-BASED TOOLING

We design and manufacture tooling solutions that address specific production challenges, ensuring optimal performance and efficiency.



02

MACHINE CHALLENGES

Our team is equipped to tackle various machine-related issues, providing customized solutions that enhance functionality and reliability.



03

COMPRESSION AREA EXPERTISE

We focus on optimizing the compression area, ensuring that our tools maximize tablet quality and consistency while minimizing production downtime.



04

SPARE PARTS AVAILABILITY

We understand the importance of minimizing disruptions. Our comprehensive inventory of spare parts ensures that you have quick access to the components needed to keep your operations running smoothly.



Veterinary



Confectionery

TYPES OF TABLETING TOOLS

We design and manufacture precision punches, dies, die segments, multi-tip tools, and advanced coated tooling tailored to solve specific tablet production challenges. Whether compressing powders or granules into solid tablets for pharmaceuticals, nutraceuticals, or confectionery, our tools ensure flawless compression, high durability, and consistent output.



MONO BLOCK MULTI TIP



NON-STANDARD TOOLING



STANDARD TOOLING



MICRO TIP (10-21 TIPS)



DISCOVER THE DETACHABLE
MICROTIP ADVANTAGE



DETACHABLE MULTI-TIP



ONCOLOGY



NUTRACEUTICAL



CENTER-HOLE TOOLING



CARBIDE TIPS & CARBIDE
LINED DIES



NUTRACEUTICAL



AYURVEDIC



ROTA HEAD TOOLING



CONFECTIONERY



EU1441 HEAD



VETERINARY



MULTI TIP MONO BLOCK



EFFERVECENT



POLYMER INSERT



HORMONE

SPARTAN STEEL

SPECIALISED TOOL STEEL RANGE

Selecting the right steel ensures tool longevity, accuracy, and performance.

STEEL GRADES

- **KTТ ResilientSteel™**
High wear resistance;
prevents die rings &
wear-out
- **KTТ OxidDefence™**
Superior anti-rust &
oxidation resistance
- **KTТ EnduraForge™**
High toughness for crack &
breakage prevention
- **KTТ CHROMO™**
Ideal for sticking & chloride/
sulfur corrosion issues

STEEL PROPERTIES

- **Toughness**
- **Abrasive Wear Resistance**
- **High Hardness Levels**
- **Corrosion Resistance**
- **Good Machinability**
- **Clean Internal Structure**
- **Compressive Strength**



FINISHLINE COATINGS

Advanced treatments engineered to tackle industry challenges such as sticking, abrasion, and corrosion.

KEY BENEFITS

■ **KTT ReleaseCoat™**

For high-sticking molecules & complex formulations

■ **KTT GlideCoat™**

For moderate sticking; thicker anti-stick layer

■ **KTT Duracote Xtra™**

High hardness, corrosion & pitting resistance

■ **KTT IonGuard™**

PVD Chrome base for extreme corrosion environments

■ **Enhanced Wear Resistance**

■ **Superior Corrosion Protection**

■ **Reliable Anti-stick Properties**



TOOLING SEGMENT

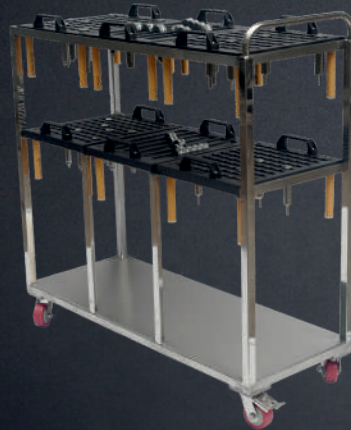
Our die segments are a bespoke solution. It replaces the standard turret die table and dies. Produced to the highest quality standards, KTT PharmaTech's tooling segments undergo 100% inspection & offer unrivalled delivery times. Specialized Segments available for all tableting machines make.



CHANGE PART TRANSFER CARRIER



TOOLING MOVEMENT CARRIER



CLEANING CARRIER



UNIQUE TRANSFER TROLLEY

A KTT innovation designed to safely transfer machine change parts between batches

KEY BENEFITS

Safely transfer machine change parts & tableting tools between batches

Suitable for punches, dies, segments, machine change parts, & complete tool sets

Custom-designed for plant layout, workflow, & tool configurations

Extend the life of machine components & tooling

Maintain cleanliness, organisation, & GMP compliance

Prevent scratches, dents, wear, & accidental damage

Boost operational efficiency & reduce handling time

TOOLING CARE SYSTEM

A complete ecosystem to extend
tooling life performance.

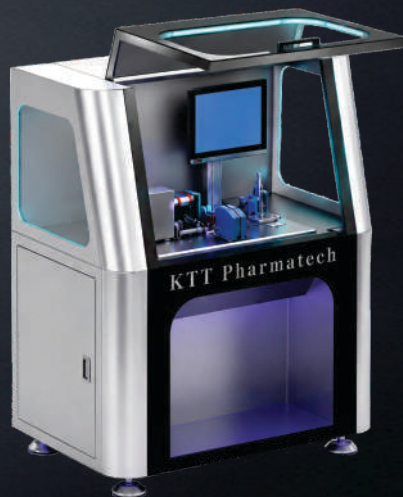
KTT AUTO-TOOL CLEANER



KTT AUTO-TOOL SHINNER



KTT INSPECTRA



BUFFING STATION



TOOL ROOM & STORAGE CABINET



DIGITAL INSPECTION KIT



POLISHING KIT





KTT

AUTO-TOOL SHINNER

Enhance the lifespan and performance of your tablet tooling with the Auto Tool Shinner, an advanced automated polishing solution engineered for precision, consistency, and efficiency. Designed for high-accuracy polishing of punches and dies, Auto Tool Shinner delivers uniform surface finishes while eliminating the variability and errors associated with manual processes.

By accelerating maintenance cycles and reducing operational downtime, the system optimizes productivity and frees up valuable resources. Its intelligent automation ensures repeatable results, compliance readiness, and superior tool integrity, every cycle, every time.

KEY ADVANTAGES

01

**Uniform,
automated
polishing for
consistent
tool quality**

02

**High-
throughput
capability for
improved
operational
efficiency**

03

**Error-free
process
eliminating
manual
inconsistencies**

04

**User-friendly
HMI for
seamless
operation**

05

**Validated
polishing
process
ensuring
regulatory
compliance**

06

**Flexible
multi-stage
polishing
capability**

07

**Optional
21 CFR
compliance
support**

KTT

AUTO-TOOL CLEANER

KTT Pharmatech's AUTO TOOL CLEANER is a compact, high-precision ultrasonic cleaning machine, innovated in-house for safe, efficient, and consistent cleaning of tablet tooling. Engineered for pharmaceutical manufacturing, it ensures thorough removal of contaminants while preserving the delicate surfaces of punches, dies, and segments, maximizing tool life and supporting full GMP compliance.

Featuring a fully automatic 4-stage cleaning process in a single compact unit, the system uses advanced ultrasonic cavitation to deliver deep, non-abrasive cleaning of complex geometries and hidden contours. The automated operation reduces manual handling, shortens cleaning cycles, and minimizes production downtime—while being 21 CFR Part 11 supported, enabling compliant data handling, traceability, and audit readiness.

WHY ULTRASONIC CLEANING FOR TABLET TOOLING?

01

**Deep,
Microscopic
Cleaning
for complete
residue
removal**

02

**Damage-
Free Process
that protects
critical tooling
surfaces**

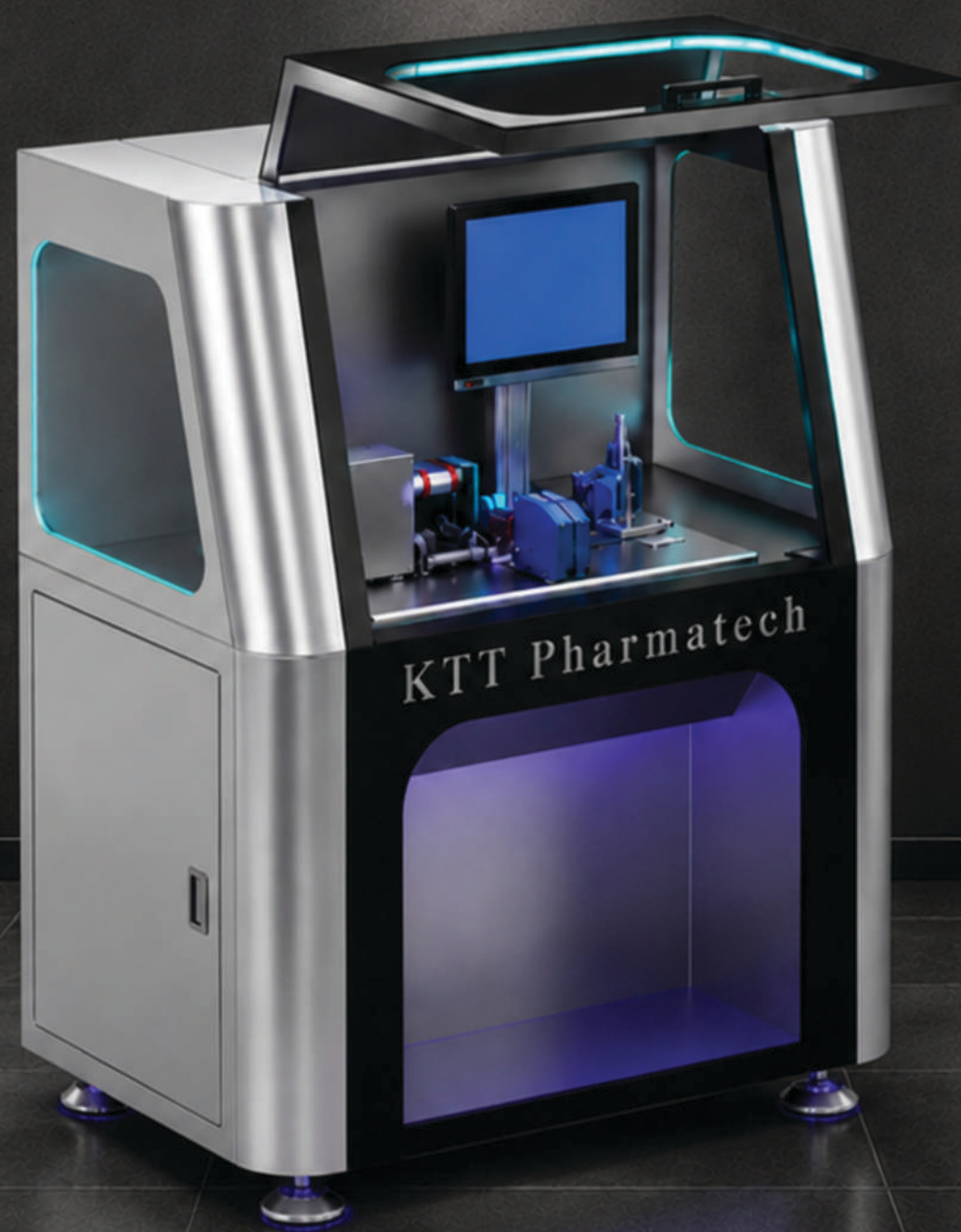
03

**Higher
Productivity
through
automated,
efficient
operation**

04

**Extended
Tool Life by
preventing
wear and
corrosion**





KTT INSPECTRA

A Laser Based Advanced Tool Inspection and Tracing System.

"Next Generation Tooling Intelligence"

KTT InSpectra is a precision tablet tooling inspection and digital trace system — engineered to deliver complete dimensional verification of punches and dies with sub-micron accuracy.

Powered by a Confocal Displacement Sensor and LS Vision Camera, it measures all critical tooling parameters automatically — eliminating manual gauging, measurement error, and paper-based records. Every tool is identified via AI-assisted QR scanning, creating a permanent, searchable digital record from first inspection to retirement.

Built-in 21 CFR Part 11 compliance makes audit readiness the default — not a periodic exercise. Compatible with D, B, and BB type tooling, InSpectra is precision and traceability, built into one system.

KEY ADVANTAGES

01

High-precision cup depth measurement — sub-micron level accuracy surpassing conventional inspection systems

02

Complete punch & die coverage —Punch & die parameters in a single fixture. (Barrel Diameter, Tip Major/Minor Diameter, Concentricity of Tip & Barel, Total & working Length, Cut Depth , Die Outer Diameter, Die Thickness)

03

AI-based QR scanning at 1920×1200 px for instant, reliable tool identification

04

21 CFR Part 11 built-in — tamper-evident, role-based, audit-ready records

05

Digital traceability — full lifecycle history stored and retrievable via QR code

06

Servo motor driven with Mitsubishi PLC + IPC for pharmaceutical-grade repeatability

07

WLAN + Ethernet connectivity — live data flow to MES, LIMS, or ERP

08

All tooling compatibility — one system for all standard pharma formats



TOOL ROOM & STORAGE SOLUTIONS

A well-designed tool room is more than just storage—it is a productivity center that improves tooling life, reduces changeover time, and enhances operational efficiency. KTT specializes in designing and manufacturing customized horizontal and vertical storage systems for punches, dies, machine change parts, and tooling accessories.

From compact storage cabinets to complete tool room layouts, our solutions combine intelligent space utilization, ergonomic access, and GMP-compliant organization to create a world-class tooling management system.

KEY ADVANTAGES

01

Reduces changeover time through systematic tool organization & quick access

02

Complete Tool Room Design & Layout Planning for maximum productivity & workflow efficiency

03

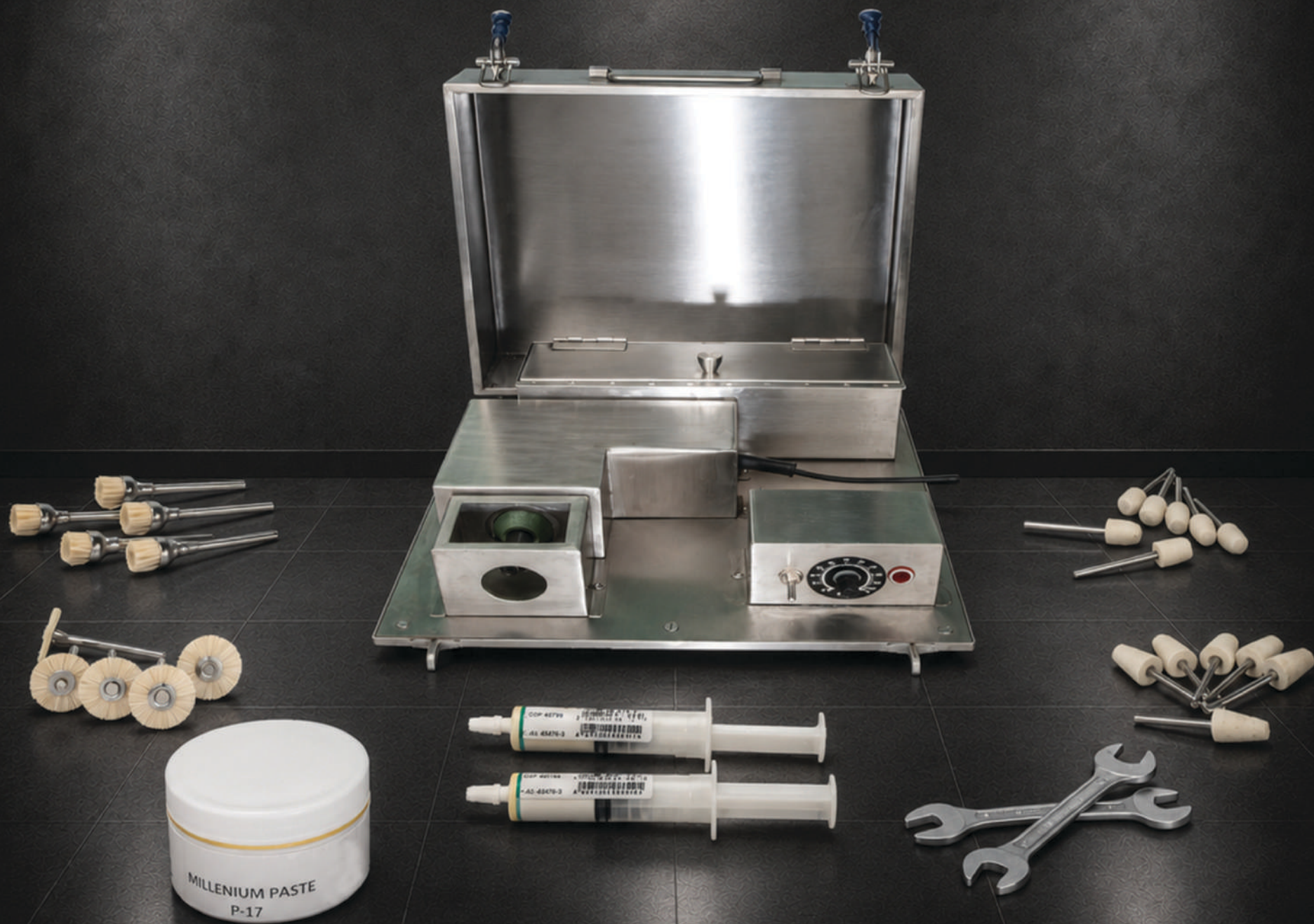
Customized Horizontal & Vertical Storage Solutions based on available space & tooling inventory

04

Protects punches, dies, and change parts from damage, corrosion, & contamination

05

Extends tooling life and improves compliance with dedicated storage & handling systems



POLISHING KIT

The KTT Manual Polishing Kit is a complete tablet tooling maintenance solution designed for on-site polishing, cleaning, inspection, and minor repair of punches and dies. The kit helps restore punch surface finish, remove minor defects, and improve tooling performance, thereby extending tool life and ensuring consistent tablet quality.

KEY ADVANTAGES

01

**Extends punch
& die life by
reducing
wear & surface
damage**

02

**Removes
minor sticking,
picking marks,
scratches, &
compression
defects**

03

**Improves
tablet quality,
appearance, &
compression
consistency**

04

**Enables quick
on-site tooling
maintenance,
reducing
downtime**

05

**Complete
all-in-one kit
for polishing,
inspection, &
preventive tool
care**

DIGITAL INSPECTION KIT

The KTT Digital Inspection Kit is an advanced tablet tooling measurement and documentation solution designed to eliminate manual recording errors and streamline inspection processes. Equipped with Bluetooth-enabled digital measuring instruments and dedicated software, the system automatically captures and stores tooling dimensions in the required format with just a few clicks.

The kit enables quick, accurate, and paperless inspection of punches and dies, ensuring complete traceability and compliance while significantly reducing inspection time.

KEY ADVANTAGES

01

Automatic data transfer from digital instruments to software via Bluetooth

02

Eliminates manual data entry errors & paperwork

03

Generates inspection reports instantly in customer-defined formats

04

Improves measurement accuracy, consistency, & traceability

05

Reduces inspection time & enhances operator productivity



BUFFING STATION

The preferred solution for professional tooling polishing and refurbishment.

The KTT Stainless Steel Buffing Station is designed to restore punch tip finish and maintain tooling in optimum condition. Built with GMP-compliant stainless steel construction, it provides a safe, clean, and efficient workstation for polishing punches, dies, and tooling components.

Regular use helps improve tooling performance, extend tool life, and maintain consistent tablet quality.

KEY ADVANTAGES

01

**Integrated
dust hood
with LED
work light**

02

**Dual dust
extraction
system**

03

**GMP
compliant
Ss304
construction**

04

**Heavy-
duty
buffing
motor**

05

**Easy-access
dust
collection
chamber**

06

**Spacious
work shelf for
tooling
handling**



PATENTED SWIFT CLEAN KIT

(FOR TABLET COMPRESSION M/C)

ONE KIT. MULTIPLE CLEANING SOLUTIONS

- Shank Hole
- Die Bore
- Die I.D.
- Cam Tracks
- Punch Surface Polishing
- Open & Tighten Die Locks
- Loosen/fasten Screws & Bolts

WHY THIS KIT IS UNIQUE

01

Patented
pharma-grade
innovation for
comprehensive
cleaning

02

Cleans faster,
reduces
downtime,
& boosts yield

03

Maximizes
machine
uptime &
extends
equipment
life

04

Semi-
automatic
operation =
zero fatigue,
consistent
results

05

Ensures safe,
repeatable, &
contamination-
free
performance

06

One kit.
Multiple
solutions.
Total
efficiency.



PATENT No. 526249



COMPRESSION REPLACEMENT PARTS

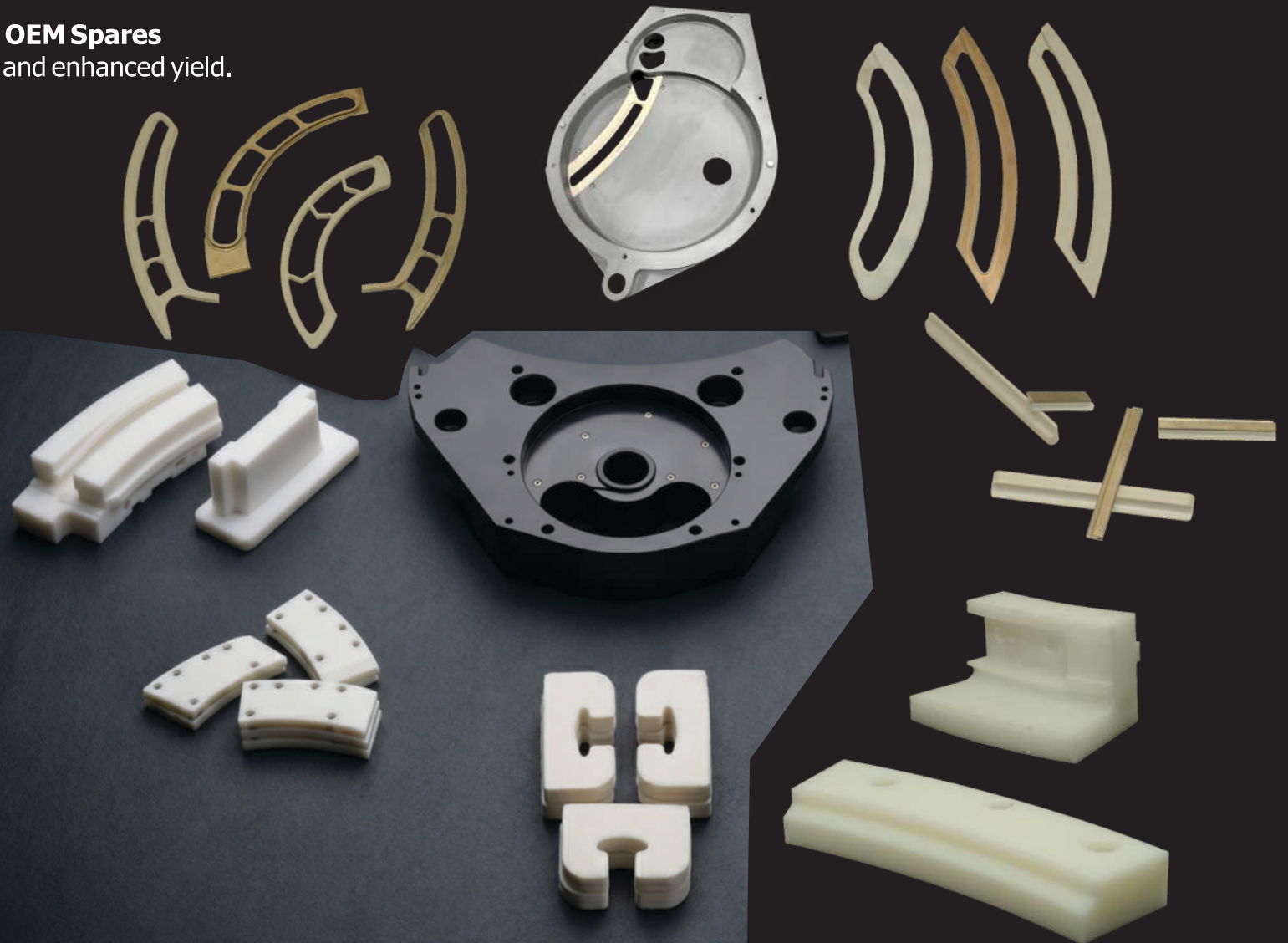
German polymer and Like to Like OEM Spares
Engineered for high durability, safety, and enhanced yield.

KEY BENEEFITS

- **Unmatched Durability**
- **Improved production efficiency**
- **Enhanced tooling & machine safety**



SCAN FOR MORE DETAILS



EXPERT ADVICE FOR MACHINE

To ensure the longevity and efficiency of your machines, consider the following expert maintenance tips:

01



**Regular
Inspections**

02



**Scheduled
Maintenance**

03



**Training &
Education**

04



**Use Quality
Parts**

05



**Stay
Informed**

ACCESSORIES

KTT offers a comprehensive range of tooling maintenance accessories designed to support cleaning, inspection, polishing, lubrication, and preservation of tablet compression tooling. These accessories help maintain tooling performance, improve tablet quality, reduce wear, and maximize tooling life.

- **DUST CUPS & BELLOWS**
- **CLEANING BRUSHES**
- **EMERY PAPER**
- **POLISHING BRUSHES & FELT BOBS**
- **LUBRICANTS & PRESERVATION OILS**
- **LAPPING STICK**
- **WALNUT SHELL MEDIA**
- **POLISHING PASTES**
- **KTT MAGNAVUE**

KEY ADVANTAGES

01

**Enhances
tooling life &
performance**

02

**Reduces sticking,
picking, &
product residue
buildup**

03

**Supports
effective cleaning,
polishing, and
preventive
maintenance**

04

**Improves
tablet quality &
compression
consistency**

05

**Complements
KTT Tool Care
Systems for
complete tooling
management**



OUR REACH



KTT GROUP COMPANY



**EVERY PART MATTERS. EVERY MINUTE COUNTS.
WE KEEP YOU MOVING AHEAD.**

Shiv PharmaTech, is a trusted name in Tablet Compression Machine Services, Customized Compression Spares, Turret Restoration, Feeder Modifications, Advanced German Polymer based Replacement Parts, Like to Like OEM Spares and Wear & Tear Solutions for the Pharmaceutical Industry.

With a dedicated 7000 sq. ft. manufacturing facility and an experienced technical team, we deliver innovative, cost-effective, and high-performance solutions for leading compression machine brands worldwide.



**MARKING
A GREEN FOOTPRINT**

HK Earth Energy is a leading contributor in the biofuel industry, dedicated to manufacturing high-quality biomass briquettes and pellets that promote clean and sustainable energy solutions. Based in the vibrant city of Junagadh, the company was founded in 2023 by Mr. Arvind Kotadia with a vision to create eco-friendly alternatives to conventional fuels and contribute towards a greener future. We have always been a value-driven organization. Our consistent efforts dedicated to recycling agricultural waste using cutting-edge machinery has elevated our growth over years.



Address

Plot No. 17, Manish Ind. Est. No. 4, Navghar Rd, Opp. Tania Commercial Complex, Near Sai Mandir, Navghar Manikpur,
Samarth Krupa Nagar, Vasai East, Vasai-Virar, Maharashtra 401202

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