

COMPANY PROFILE

# Solid Carbide Tooling Engineered.

**BUILT TO PERFORM. BUILT TO GROW.**

A performance-driven industrial engineering company specialising in premium solid carbide cutting tools, application engineering and advanced manufacturing solutions.



**03**

OPERATING  
GEOGRAPHIES

**12+**

INDUSTRIES  
SERVED

**2030**

PAN-ASIAN  
BRAND  
VISION

**CONTACT US**

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# The Market Is Crowded. Quality Is Rare.

## COMMON CHALLENGES

- i* Inconsistent product quality
- ii* Limited technical support
- iii* Long lead times
- iv* Poor inventory availability
- v* Lack of application engineering expertise

## OUR ANSWER

The carbide tooling market is crowded with suppliers. Yet manufacturers and distributors continue to face the same recurring challenges.

Solarys was established to address them. By combining technical knowledge, application engineering support and dependable supply-chain capabilities, we help customers improve productivity — while helping distributors build long-term, profitable relationships.

**The Solarys difference:** technical knowledge, application engineering and dependable supply, brought together in one partner.



# Performance-driven Engineering.



Solarys Engineering Pvt. Ltd. is a performance-driven industrial engineering company specialising in premium solid carbide cutting tools, application engineering and advanced manufacturing solutions.

The company combines global manufacturing partnerships, technical expertise and regional inventory support to deliver world-class tooling solutions that enhance productivity, reduce machining costs and improve manufacturing efficiency.

With operations spanning India, Malaysia and the United Arab Emirates, Solarys is strategically positioned to serve customers across Asia-Pacific, the Middle East and emerging global markets.

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*i* **India**  
Distribution & application engineering

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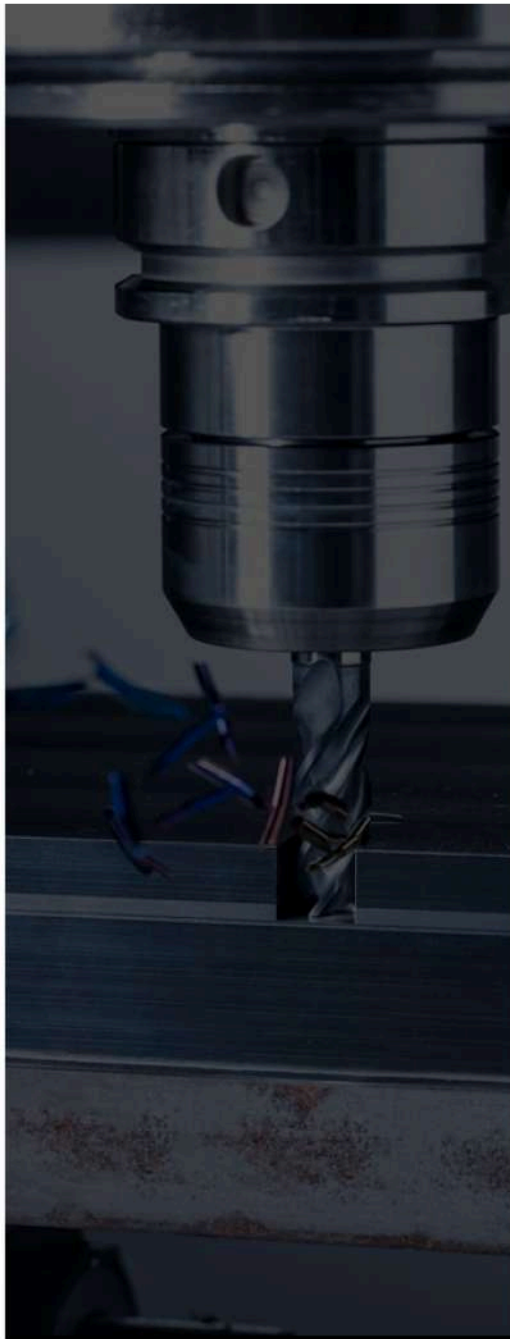
*ii* **Malaysia**  
Manufacturing partnerships

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*iii* **United Arab Emirates**  
Regional inventory & trade hub

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# A message from **THE CEO.**



**“Exceptional manufacturing begins with exceptional tooling.”**

Welcome to Solarys Engineering Pvt. Ltd. At Solarys, we believe exceptional manufacturing begins with exceptional tooling. Our commitment to quality, innovation, application engineering and customer success drives us to deliver tooling solutions that improve productivity, precision and profitability.

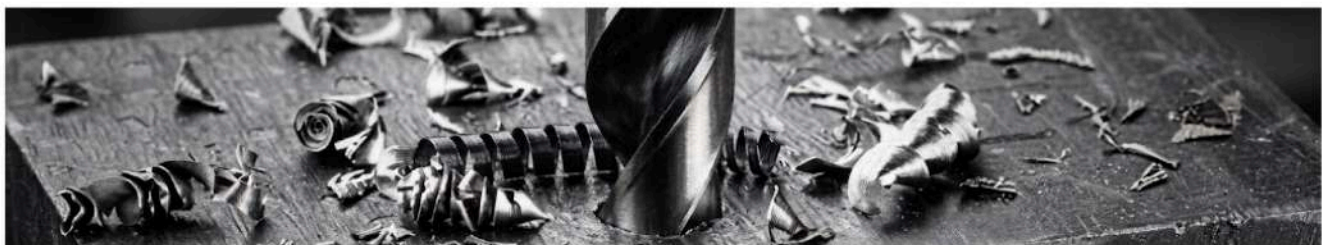
As industries continue to demand tighter tolerances, higher machining efficiency and greater cost control, Solarys remains focused on delivering technically advanced carbide solutions supported by strong engineering expertise and responsive customer service.

Through continuous innovation, strategic partnerships and customer-driven product development, we are building a company that manufacturers can rely upon for long-term success.

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*Praatish Pradhan*

CHIEF EXECUTIVE OFFICER



# Where We're **Headed.**

## VISION

One of Asia's most *respected* carbide brands.

To become one of Asia's most respected carbide tooling brands by combining advanced manufacturing, application engineering and customer-driven innovation.

## MISSION

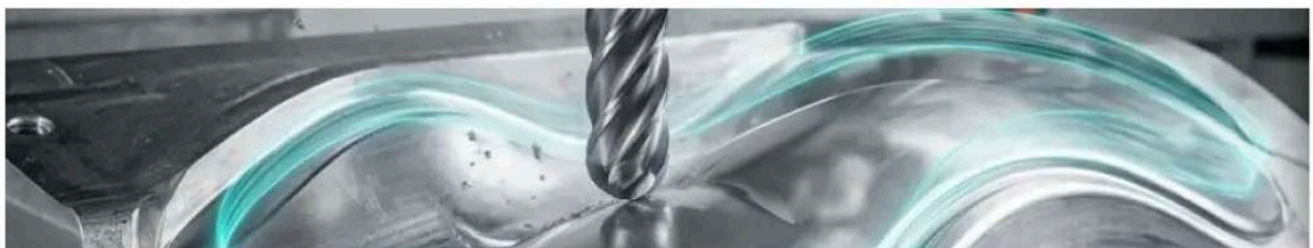
Empower industries to *excel.*

To empower industries through superior carbide tooling solutions, technical expertise and continuous innovation — enabling customers to achieve maximum productivity, extended tool life and sustainable operational excellence.

## CORE VALUES

<b>01</b> Integrity	<b>02</b> Innovation	<b>03</b> Reliability
<b>04</b> Customer Success	<b>05</b> Technical Excellence	<b>06</b> Continuous Improvement

**Long-term partnerships** sit at the heart of everything we do — we measure our success by the success of our customers.



# Built On Group **Strength.**



Solarys is backed by an experienced industrial group with established operations in manufacturing, distribution, industrial supplies and engineering solutions across multiple international markets.

The leadership team brings extensive experience in building successful industrial businesses, managing global supply chains and developing long-term customer relationships.

<i>i</i> <b>Manufacturing</b> Established operations	<i>ii</i> <b>Distribution</b> Multi-market reach
<i>iii</i> <b>Industrial Supplies</b> Broad portfolio	<i>iv</i> <b>Engineering</b> Solutions-led

## A Complete Carbide **Portfolio.**

<b>01</b> <b>Solid Carbide End Mills</b> GP · High performance · Aluminium · Stainless · Hardened · Ball nose · Roughing	<b>02</b> <b>Solid Carbide Drills</b> Standard · Through-coolant · Deep hole · High performance
<b>03</b> <b>Precision Tooling</b> Thread mills · Reamers · Form tools · Custom tools	<b>04</b> <b>Additional Offerings</b> Carbide rods · OEM tooling · Special purpose · Custom solutions

# Engineering is the **Business Model.**

At Solarys, technical support is not an afterthought — it is a core part of our business. Our engineering team works alongside distributors and customers to optimise machining performance and solve production challenges.

## SERVICES

<i>i</i> Tool Selection Assistance	<i>ii</i> Cutting Parameter Optimisation
<i>iii</i> Productivity Improvement Programs	<i>iv</i> Machining Process Optimisation
<i>v</i> Tool Failure Analysis	<i>vi</i> Cost-per-Component Reduction
<i>vii</i> Technical Troubleshooting	<i>viii</i> Customer Training & Knowledge Sharing

## GEOMETRY MATTERS

Tool geometry directly impacts tool life, surface finish, productivity, chip evacuation and machining stability. We collaborate with manufacturing partners to develop geometries that deliver superior performance across applications and materials.

## RESULTS

+ Higher Productivity	+ Better Surface Finish
+ Longer Tool Life	+ Lower Cost / Component



# Advanced coatings, **Real Gains.**



Modern machining environments require advanced coating solutions. Solarys offers application-specific coatings designed to maximise performance and reliability across a broad range of materials and applications.

Coating options include application-specific technologies for steel, stainless steel, cast iron, hardened materials and exotic alloys.

## BENEFITS

<b>01</b> Increased Wear Resistance	<b>02</b> Thermal Stability	<b>03</b> Longer Tool Life
<b>04</b> Improved Surface Finish	<b>05</b> Higher Cutting Speeds	<b>06</b> Consistent Performance

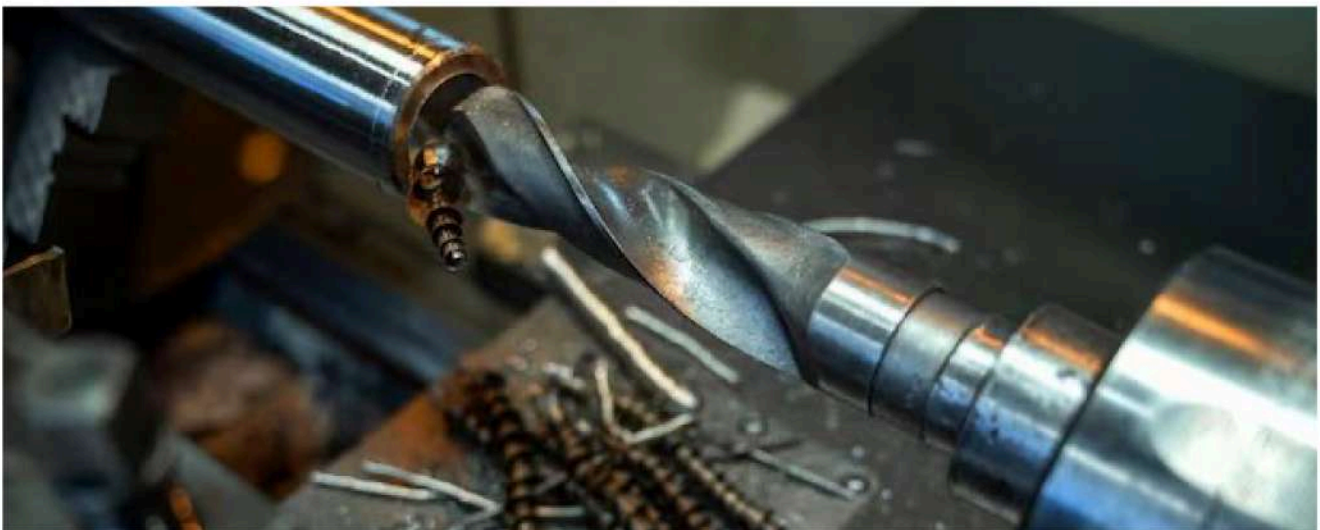


# We sell outcomes, **Not Just Tools.**

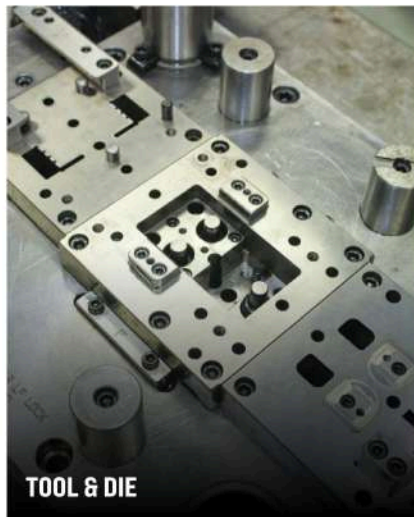
Our objective is not simply to sell tools — it is to improve manufacturing performance. Every engagement follows a structured, six-step path.

<b>1</b>	STEP ONE <b>Understand existing process</b>	<b>2</b>	STEP TWO <b>Analyse tool performance</b>
<b>3</b>	STEP THREE <b>Identify improvement opportunities</b>	<b>4</b>	STEP FOUR <b>Conduct trials</b>
<b>5</b>	STEP FIVE <b>Validate results</b>	<b>6</b>	STEP SIX <b>Support continuous improvement</b>

**Our commitment:** measurable improvements in productivity, tool life, machining performance and overall manufacturing economics. Our success is measured by the success of our customers.



# Across demanding **Industries.**



# Precision, repeatable **Quality.**



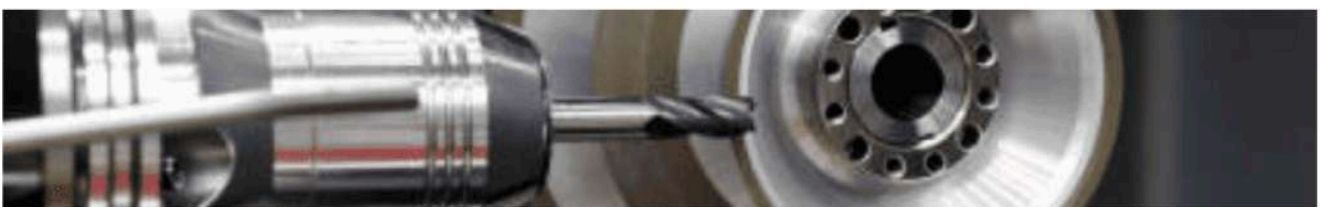
## Manufacturing & Quality

Our manufacturing ecosystem leverages advanced CNC grinding technology, precision inspection systems and rigorous quality-control procedures to ensure consistent product performance and dimensional accuracy. Every product is manufactured with a focus on reliability, repeatability and long-term customer value.

## Quality & Technical Assurance

Consistent quality remains central to the Solarys philosophy. Every product is sourced through qualified manufacturing partners and evaluated against defined quality standards.

<b>01</b> Dimensional Accuracy	<b>02</b> Geometry Consistency	<b>03</b> Incoming Inspection
<b>04</b> Supplier Qualification	<b>05</b> Batch Traceability	<b>06</b> Performance Validation



# Innovation, driven by **Customers.**

## Innovation & Product Development

Innovation at Solarys is driven by customer feedback and real-world machining challenges. We continuously evaluate market requirements, develop new tooling concepts and introduce improved geometries and application-specific solutions that help customers remain competitive.

A key measure of our success is our ability to continuously expand our product portfolio based on customer needs and industry trends.

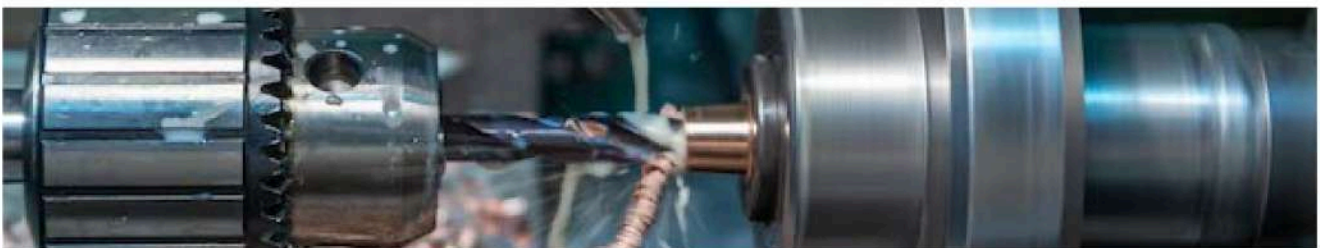
## Supply Chain & Inventory

Through strategically positioned operations and regional inventory support, Solarys provides reliable product availability, reduced lead times and responsive service across key industrial markets.

Our objective is to ensure customers receive consistent support with minimal disruption to their manufacturing operations.

### PRODUCT ADVANTAGES

<b>01</b> High Wear Resistance	<b>02</b> Superior Surface Finish	<b>03</b> Extended Tool Life
<b>04</b> High-Speed Capability	<b>05</b> Thermal Stability	<b>06</b> Optimised Chip Evacuation
<b>07</b> Consistent Quality	<b>08</b> Reduced Cycle Times	<b>09</b> Lower Cost / Component



# Built for **Distributors.**

## COMMERCIAL ADVANTAGES

- i* Premium product portfolio
- ii* Competitive market positioning
- iii* Strong technical support
- iv* Customer-focused development
- v* Fast response times
- vi* Application engineering assistance
- vii* Custom tool capability
- viii* Long-term growth commitment

## PARTNERSHIP ADVANTAGES

- i* Distributor development support
- ii* Product training
- iii* Joint customer visits
- iv* Technical presentations
- v* Market development assistance

**Technical Differentiation.** We believe geometry is the foundation of machining performance — and we engineer to it.

# A Roadmap For **Growth.**

**2026** Distribution & application engineering platform **NOW**

**2027** Expansion of OEM tooling solutions

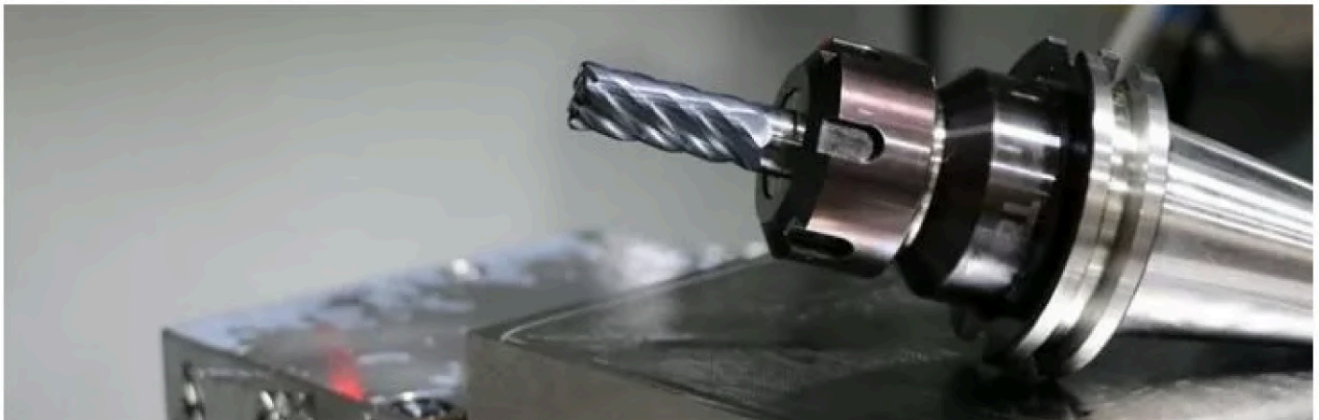
**2028** Manufacturing capability development

**2029** Regional expansion across India & ASEAN

**2030** Recognised Asian carbide tooling brand

# For special **Requirements,** talk to us.

We work with customers to deliver special, customised solid carbide tools to drawing.  
Reach out to your nearest representative or write to the technical sales desk.



**Talk To Our Technical Desk.  
We Deliver To Drawing**

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