



Precision Engineered.
**Trusted for
Decades.**



KRYSTAL TECHNOLOGY

Fabrication • Machining • Heavy Engineering Partner
Since 1993



Engineering that **Earns Trust**

For over three decades, Krystal Technology has been manufacturing critical components for industries where precision, reliability and consistency are non-negotiable.

From defence and marine to dredging, steel and heavy engineering, we combine advanced manufacturing capabilities with deep engineering expertise to deliver components and assemblies built to perform.

30+ years of legacy

50K+ Sq. Ft.
integrated manufacturing facility

20+
clients globally

Who are we?
What exactly do we manufacture?
Why are we relevant?

**Built for the components
that cannot afford
to fail.**



Quality + Certification

Quality is not a checkpoint.
It's the process.

Certified Quality

ISO 9001:2015

Quality Management System Certified

BV Marine Qualified

Welders qualified to Bureau Veritas
Marine standards

ISO 15609-1

Welding Procedure Specification
Standard

ISO 14001-2015

Environmental responsibility

ISO 45001-2018

Workplace health & safety



What We Bring Together



Precision Fabrication

Heavy and structural fabrication for demanding industrial applications.



CNC Machining

High-precision machining for critical components and large-format applications.



Heavy Engineering Assembly

Complex assemblies manufactured and integrated to exact technical requirements.



Custom Engineering Solutions

Components and assemblies developed to client drawings, specifications and application requirements.

CEO's Message



When **Krystal Technology began in 1993**, the goal was never to be the biggest.

The goal was to be trusted.

In manufacturing, trust is earned the hard way — through consistency, accountability, precision, and the discipline to get every detail right.

Today, our manufacturing capabilities serve customers across continents, supporting industries that cannot afford failure - marine, dredging, offshore, steel and more.

We have grown from a **small shopfloor to a global manufacturing partner**, but one principle has never changed

If it carries our name, it must reflect the precision and reliability we stand for.

We continue to **invest in advanced technology**, engineering expertise, and our people building the foundation to take on greater challenges.

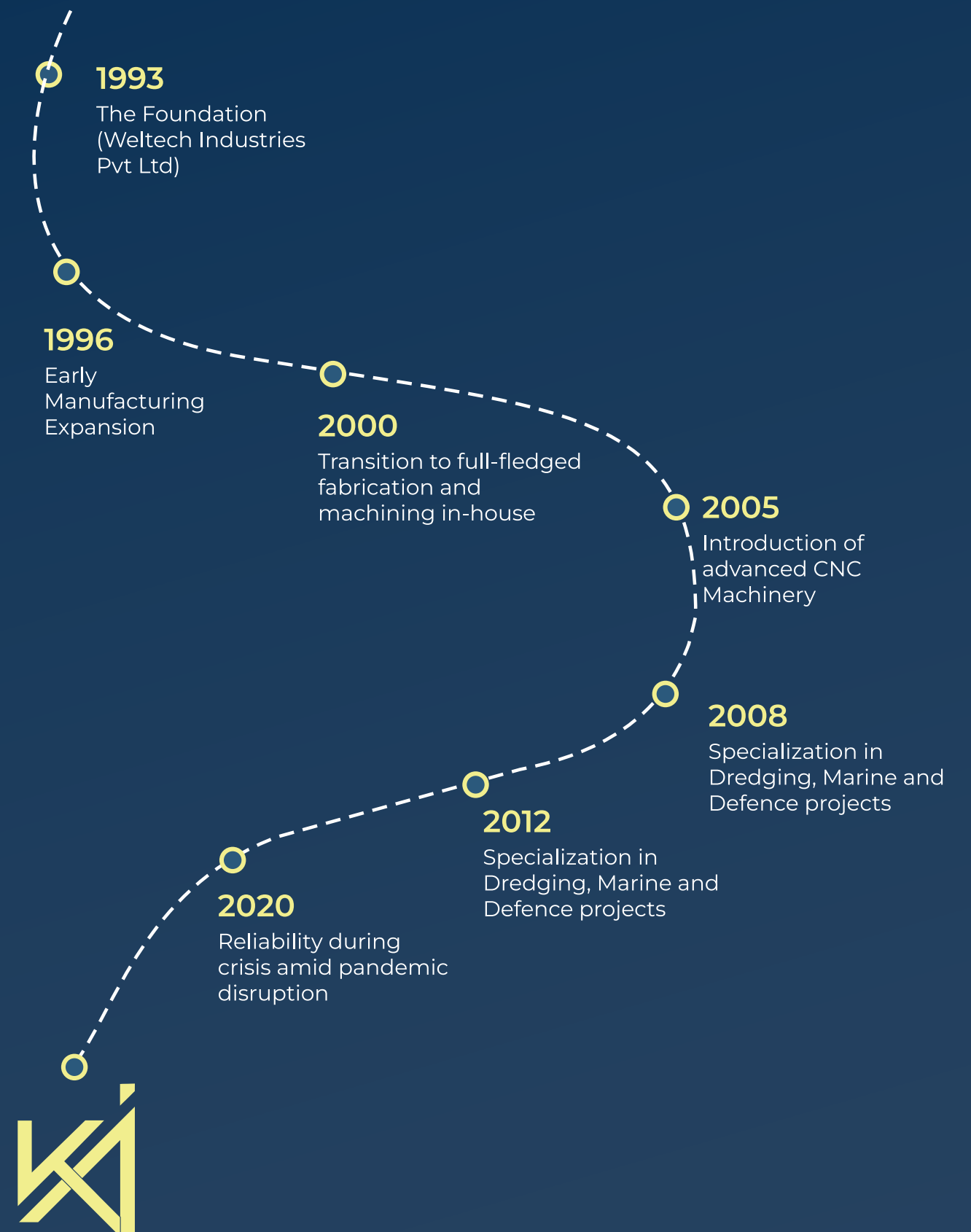
To every client who has trusted us with their projects, **we do not take that trust lightly**. And to those just beginning their journey with us - we look forward to proving it.

Tanmay Panchal

CEO, Krystal Technology

Our Legacy

From a small workshop in 1993 to a 2026 global-ready engineering company.





Industries

We Serve

From naval submarines and dredgers
to continuous casting lines
engineered to the standards each
sector demands.



Marine & Defence

Mission-critical components and assemblies for naval platforms, submarines, marine equipment and offshore applications.



Dredging

Heavy-duty fabricated and machined components for dredging equipment, including winch drums, frames, pipes and expansion pieces.



Steel & Heavy Engineering

Precision assemblies and machined components for continuous casting, rolling and metals-processing applications.

MANUFACTURING Facility

3 Manufacturing Units

Vertical machining centres

Horizontal boring machines

CNC turning



How We Work

From Drawing to Delivery

Enquiry & Drawing Review

Understanding drawings, specifications, tolerances and application requirements before production begins.

Engineering & Process Planning

Developing the right material, machining, fabrication and process route for every component.

Material Sourcing

Sourcing and verifying materials against the required specifications and application output.

Precision Machining & Fabrication

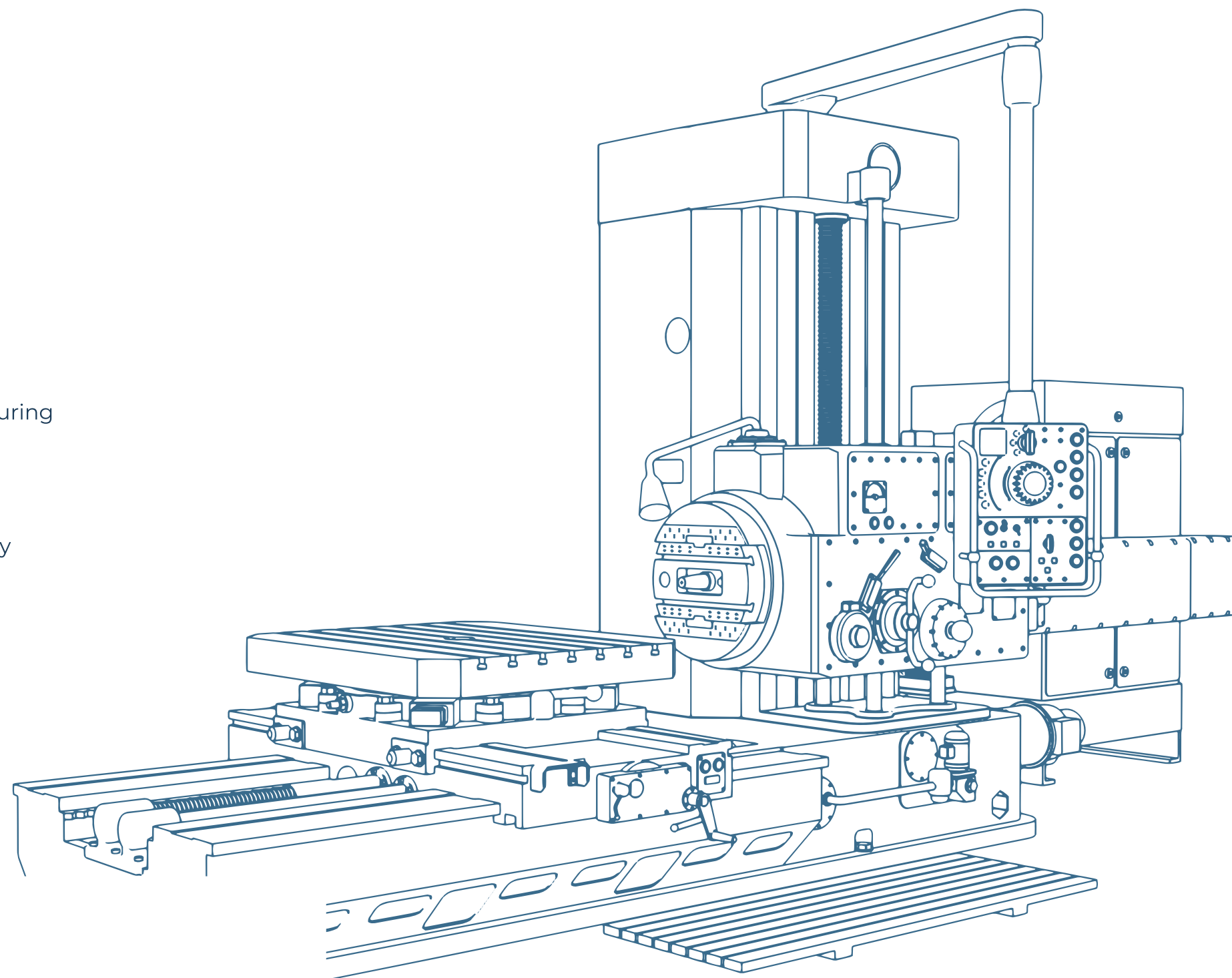
Executing machining and fabrication using our manufacturing infrastructure and qualified welding processes.

Inspection & TPA Compliance

Verifying components through in-house inspection, quality systems and required third-party approvals.

Packing & Dispatch

Preparing finished components for safe handling and delivery as per project requirements.



MARINE & DEFENCE

Engineered for
highly critical applications

Rudder Assemblies

Rudder assemblies for INS Shishumar, INS Shankush,
INS Shalaki and INS Shankul submarines.

Submarine Hydroplanes

Forward and starboard submarine hydroplane
assemblies for the Indian Navy.

Sonar Domes

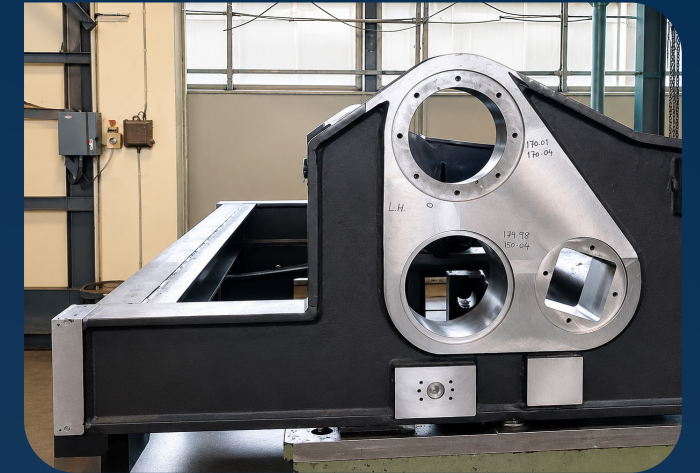
Sonar domes in 316Ti material for four Indian Navy
submarines, alongside submarine hydroplanes.

Fin Stabilizer Assemblies

Stabilizer structures and fin stabilizers engineered for
the P-15A naval programme.

Weapon Foundations

Base for Pinaka Multi Barrel Missile
Launcher





DREDGING

Built For The Toughest Working Environments.

Winch Assemblies (Winch Frame & Drum)

Precision-machined winch frames & drums assemblies for offshore dredging equipment

Dredger Pipes

Dredger vessel pipes inspected to specification for offshore dredging service.

Expansion Pieces

Dredger expansion pieces inspected to specification for offshore dredging service.

Propeller Caps

Precision-machined propeller cap components for marine propulsion assemblies.

Ship Gantry Structures

Heavy fabricated fixed-part gantry structures for ship equipment.

STEEL & HEAVY ENGINEERING

Precision behind industrial performance.

Continuous Casting Moulds

Precision-engineered moulds designed for reliable and efficient continuous casting operations.

Pinch Rolls

Robust pinch rolls engineered for precise handling and controlled movement of steel products.

Deflector Roll Arms

Heavy-duty roll arms designed for reliable guidance and smooth material handling.

Roll Chocks

Precision-engineered chocks providing secure support and alignment for heavy-duty rolling applications.

Laminated Hooks

High-strength laminated hooks engineered for safe and reliable lifting of heavy industrial loads.

Hub Skirt Assemblies

Robust assemblies engineered for structural stability and dependable performance in demanding industrial applications.



Chosen by Leaders



A large yellow industrial component, possibly a mold or a machine part, is being lifted by a crane in a large industrial facility. The component is complex, with various ports and structural elements. It is suspended by heavy chains. In the background, another piece of equipment is visible, with text in Hindi and a number. The scene is set in a large, open industrial space with a high ceiling and structural beams.

Let's Build What Comes Next.

Have a component to manufacture, a complex assembly to deliver, or a critical engineering requirement to solve ?

Talk to Krystal Technology.
Manufacturing critical components since 1993.



KRISTAL TECHNOLOGY

Office & Factory Address

Office: 104, Takshashila, Nirmal Nagar, GMLR, Mulund (W), Mumbai - 400080, Maharashtra, India
Works: A-115, Udyog Bhavan Road, Near Mody Pump, Anandnagar MIDC, Ambernath - 421506,
Maharashtra, India.