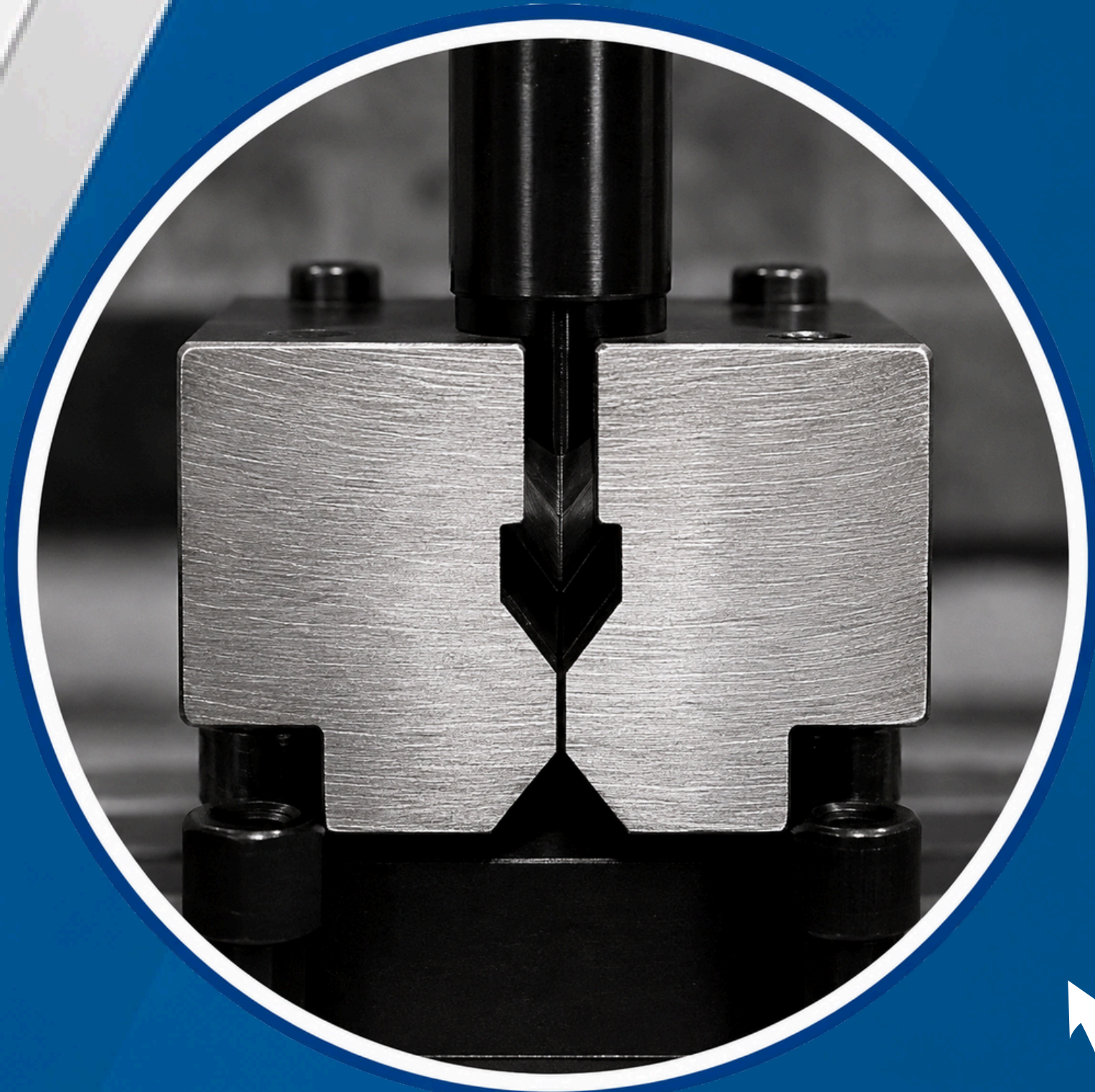




FINETECH

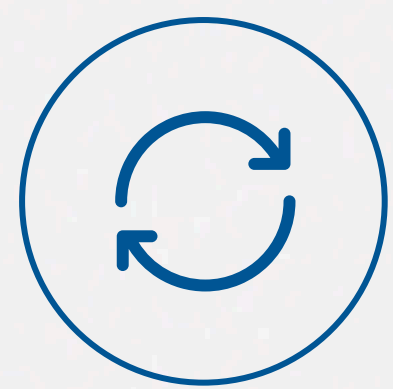
PRECISION IMPACT TESTING NOTCH CUTTER

Engineered for
Accurate Impact
Specimen Preparation



ACCURATE NOTCHING

Consistent notch profile,
every specimen



REPEATABLE RESULTS

Operator independent,
reliable cuts.



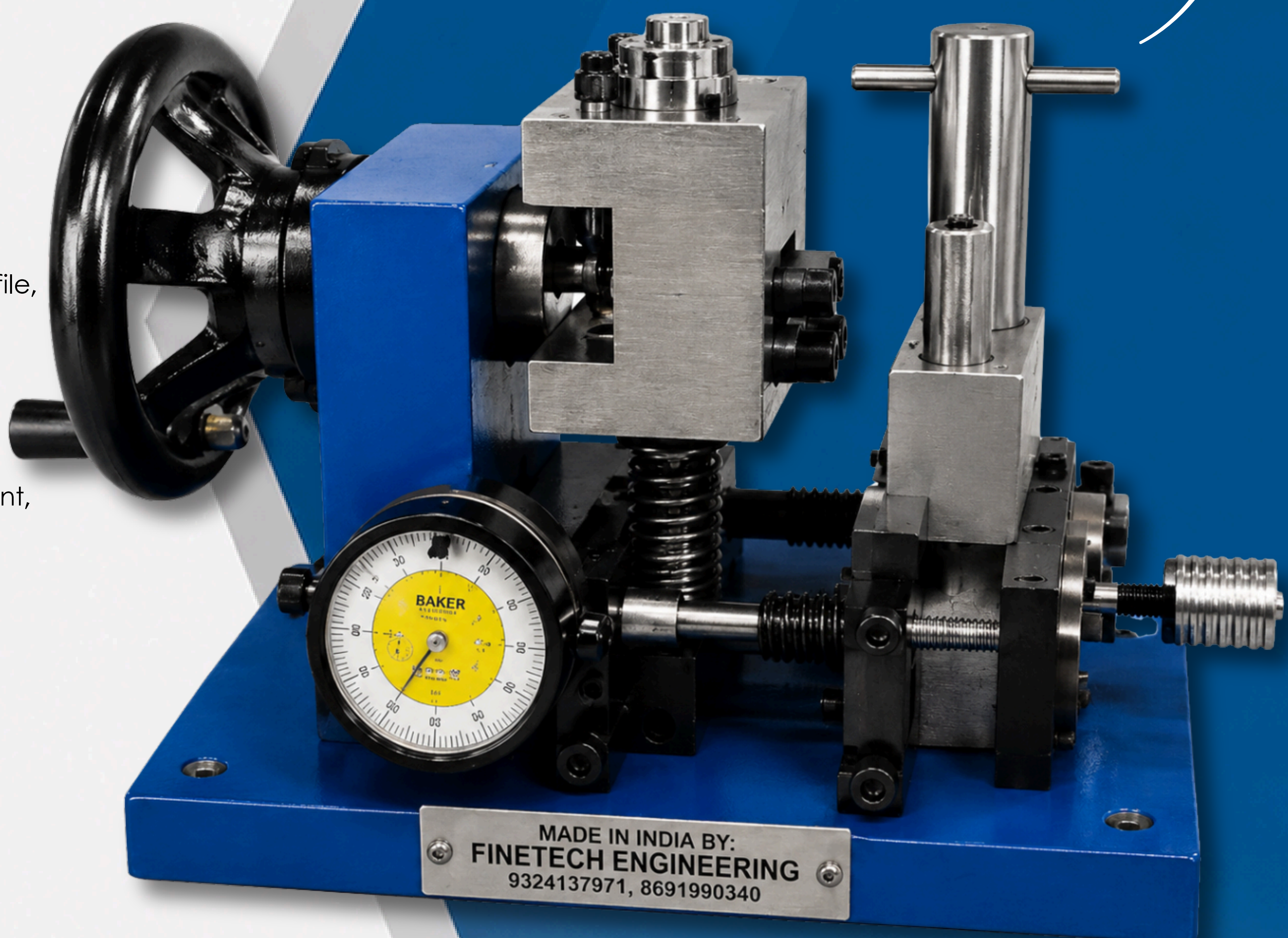
BUILT TO LAST

Heavy duty
construction



MANUAL OR MOTORISED

Options to suit your
test volume



MANUFACTURED
IN INDIA

» Our Company

Finetech Engineering manufactures laboratory testing equipment at the Finetech factory in India. We are a manufacturer, not a trader. You buy from the people who build the machine, test it, and answer the phone when you call. Founder led, built on real shop floor engineering behind every machine we ship.

» Our Commitment

Every machine is built to the impact test method your protocol calls for, then run and verified before dispatch. Finetech is an ISO 9001:2015 certified manufacturer, so each unit passes a documented quality process backed by annual third party audit. CE certified, MSME registered, GeM listed. NABL traceable dimensional certification of the notch geometry is available on request.



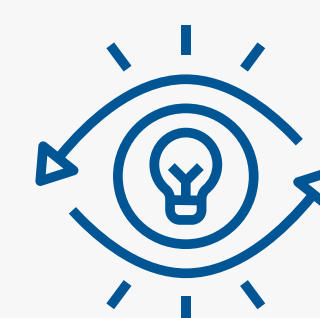
» Our Mission

To give Indian testing labs machines they can trust, built to standard, backed after the sale, and supported by a named person who picks up the phone. Accurate specimens, so your impact results hold up in any audit.



» Our Vision

That every QC and R&D lab in India has a machine builder it can reach directly, not a distant supplier behind a helpdesk. Impact data decides whether a material is fit for use, and the lab making that call deserves equipment it can trust and a maker it can call. We grow by making the next machine as accurate as the last one, and by being there when it needs recalibration.



CUSTOMISATION BUILT TO YOUR REQUIREMENT

Every notch cutter Finetech builds is made in our own factory in Wagle Estate, Thane. We are a manufacturer, not a trader, so when your test method calls for a different notch profile, a different depth, or a specific configuration, we build the machine to your requirement rather than sell you the nearest stock unit.

We work from your test method and confirm the notch geometry, blade type and specimen size before the machine is built. That is the difference between buying a notch cutter and getting the machine your test actually needs.



WHY THE NOTCH DECIDES THE RESULT

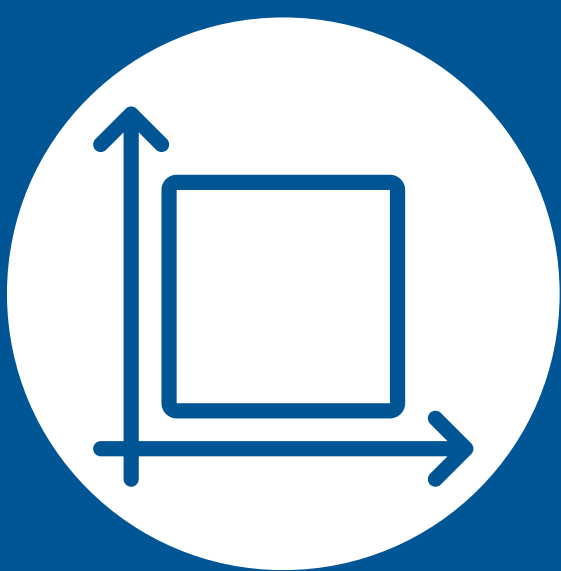
The notch is not a detail, it is the test. A precisely cut notch creates a controlled stress point that forces the specimen to fracture where it should, so the impact test measures the material's real resistance to cracking.

Get the notch wrong and the number is wrong. A blunt tip reads artificially tough, an over sharp tip reads artificially brittle, and heat or stress at the tip corrupts the result. An auditor will find any of these. Cut the notch right and the result holds up.



STANDARD COMPLIANT

Built to the impact test requirements your customer works to.



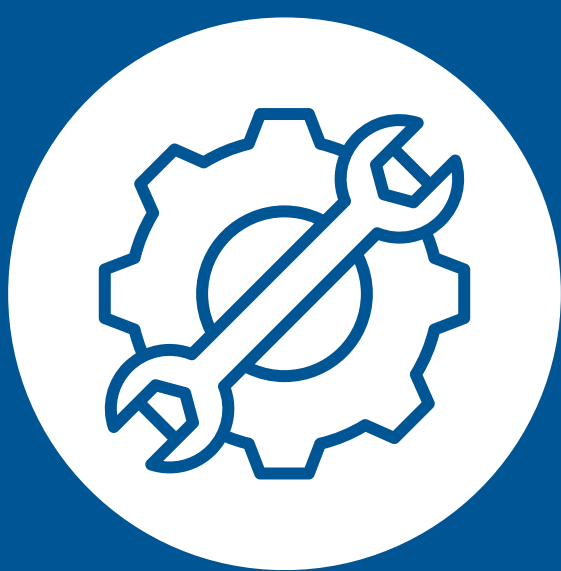
CUSTOM CONFIGURATIONS

Notch profile, depth and specimen size built to your test method.



VERIFIED BEFORE DISPATCH

Notch geometry checked. NABL traceable



CALIBRATION AND AMC

Annual maintenance and recalibration to keep the machine audit ready.

ADVANTAGES OF FINETECH NOTCH CUTTER

Four things a properly built notch cutter does for your lab.



Repeatable Notch Geometry

The controlled cutting action produces the same notch profile on every specimen. Consistency from the first specimen to the thousandth.



Valid, Audit Ready Results

A notch cut to your test method is what makes an impact result defensible. Wrong geometry fails audits, and the notch cutter is where that is decided.



No Heat, No Induced Stress

Controlled material removal generates no heat and leaves no residual stress at the notch tip, unlike a saw cut or a manual file, so the reading reflects the material, not the cut.



Built To Stay True

ISO 9001:2015 build, a controlled feed, and hardened cutting blades that hold their edge, so the machine that passes today still cuts true next year.

ADDITIONAL SERVICES



BLADE REPLACEMENT & RESHARPENING

Cutting blades supplied and resharpened to the original geometry at the Thane workshop, so you replace the edge, not the machine.



CALIBRATION & NABL CERTIFICATION

Dimensional verification of the notch geometry, with NABL traceable certification to support your accreditation.



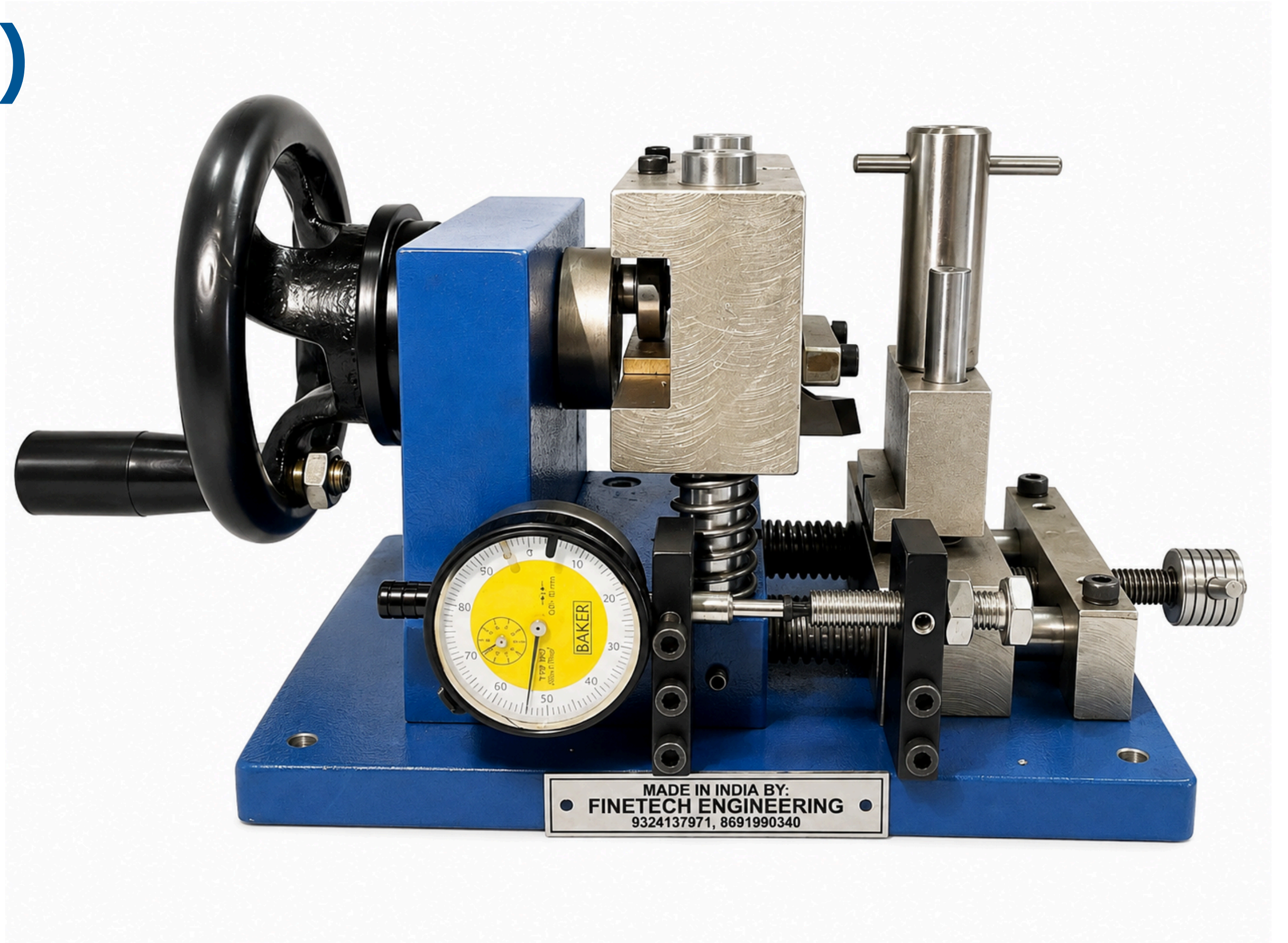
CUSTOM BUILDS TO YOUR REQUIREMENT

Different notch profiles, depths and specimen sizes, built to your test method rather than sold as stock.

OUR NOTCH CUTTER MODELS

NOTCH CUTTER(MANNUAL)

Finetech notch cutters prepare precise specimens for Izod and Charpy impact testing. The notch is cut cleanly, without heat or residual stress, so the impact result reflects the material and not the cut. Every machine is manufactured in house, verified, and delivered with audit ready documentation.



MOTION TYPE AVAILABLE



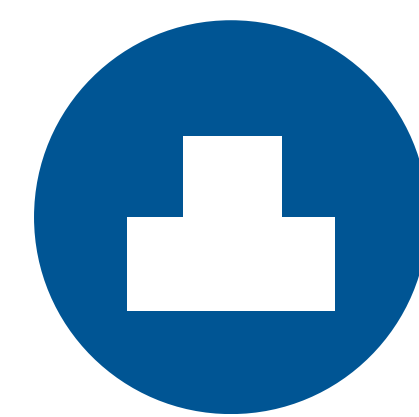
V-NOTCH

The standard notch for most impact tests. Cut to the angle and tip radius your test method specifies.



U-NOTCH

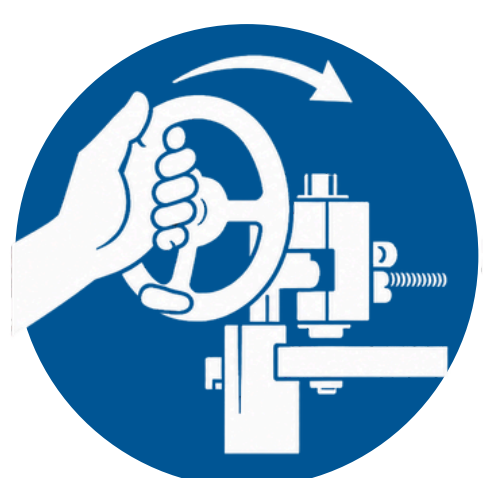
For impact testing where a V notch fractures too brittle, or where the product standard calls for it.



CUSTOM NOTCH

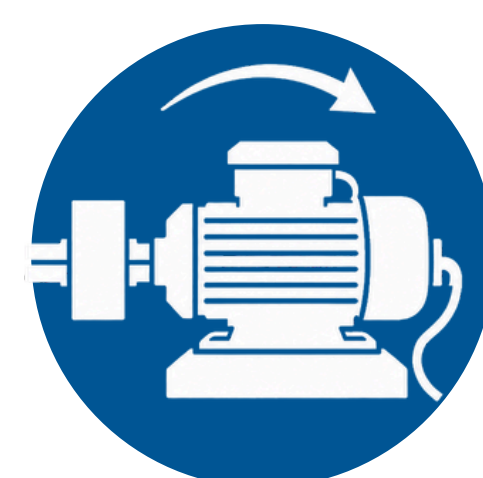
Notch profile and depth machined to your drawing for non standard test methods.

DRIVE OPTIONS



MANNUAL BROACHING

The operator turns the hand wheel to drive the broach through the specimen. Precise control, suited to low and medium volume work.



AUTOMATIC BROACHING

The operator turns the hand wheel to drive the broach through the specimen. Precise control, suited to low and medium volume work.

COMMITMENT TO CUSTOMER SATISFACTION

What you can hold us to, before the machine ships and after.



GUIDANCE BEFORE YOU ORDER

Tell us your test method and material, and we recommend the notch type, blade and model. Guidance from people who build these machines, not a catalogue to work out alone.



COMMITTED LEAD TIMES

We confirm a delivery date when you order and keep you posted through it. Prompt delivery and prompt after sales are what our clients raise first.



MANUFACTURER DIRECT

You buy from the factory that builds the machine. No trader markup, and no middleman between your question and the person who can answer it.



A NAMED PERSON, NOT A ROBOT

Technical questions go to Santhosh directly on WhatsApp. One contact who knows your machine, from the quote through to recalibration.



AUDIT READY DOCUMENT

NABL traceable dimensional certification of the notch geometry, on request. When an auditor asks, the paperwork is already in the drawer.

APPLICATION THAT DRIVE PERFORMANCE

Built for every impact testing lab. Cut to every test method.

INDUSTRIES SERVED

The Finetech notch cutter prepares impact specimens across the industries that test plastic for toughness:

- **Plastic manufacturing**
- **Automotive components**
- **Electrical and electronics**
- **Consumer goods**
- **Packaging**
- **Construction profiles and fittings**
- **Third party and NABL accredited testing labs**



APPLICATIONS

Each notch prepares a specimen for a specific impact test or check:

- **Izod impact specimens**
- **Charpy impact specimens**
- **Notching filled and reinforced polymers**
- **QC incoming raw material checks**
- **R&D compound and additive development**
- **Third party certification testing**



Cutting the notch by hand fails audits. Cut it right, every time.

Tell us your test method and specimen size, and we will recommend the right model and send a quote.



Whatsapp your test requirements

+91 93241 37971

for platform size, lead time and a quote

Finetech Engineering

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New Kalwa (TMC) Industrial Prem. Co-Op Soc. Ltd.,
Jai Bhavani Nagar, Road No. 32,
Wagle Estate, Thane (W),
400604, Maharashtra



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