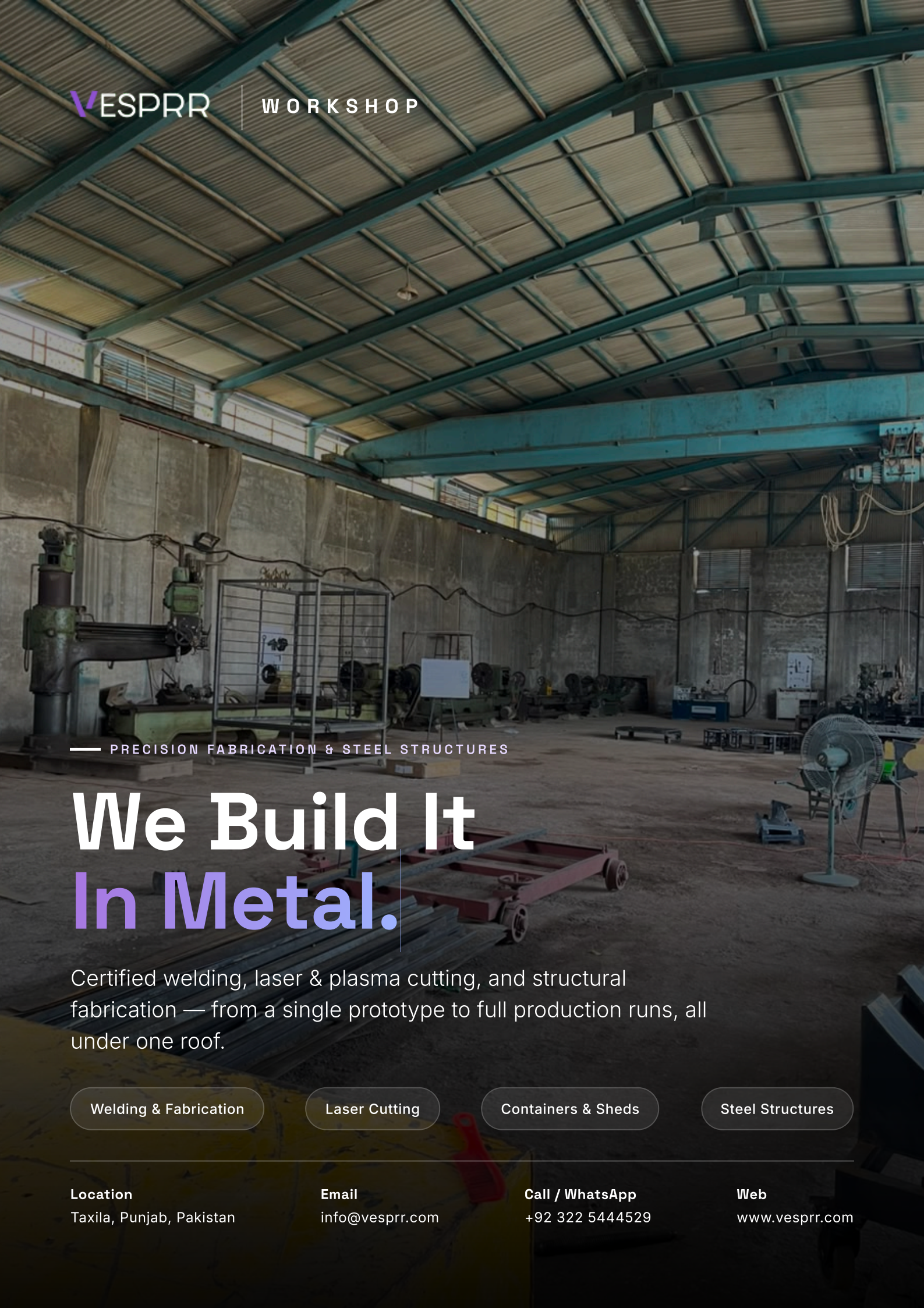

VESPRR | WORKSHOP

PRECISION FABRICATION & STEEL STRUCTURES

We Build It In Metal.

Certified welding, laser & plasma cutting, and structural fabrication — from a single prototype to full production runs, all under one roof.

Welding & Fabrication | Laser Cutting | Containers & Sheds | Steel Structures

Location
Taxila, Punjab, Pakistan

Email
info@vesprr.com

Call / WhatsApp
+92 322 5444529

Web
www.vesprr.com

WHO WE ARE

A metal workshop built on precision, not promises.

Vesprr Workshop is the metal fabrication arm of **Vesprr Technologies Private Limited**. From our facility in Taxila — the heart of Pakistan's heavy-engineering belt — we turn drawings, CAD files, and even rough sketches into accurate, durable metal parts and structures.

We run as a true full-service shop: raw material comes in one door and a finished, inspected, and painted assembly goes out the other. A team of **20+ certified welders, fabricators and finishers** operates a fleet of **15+ machines** spanning cutting, forming, welding and finishing.

Whether you need one prototype bracket or a thousand identical parts, the same discipline applies — measured, inspected, and delivered when we said it would be.

DIVISION OF **Vesprr Technologies**	BASED IN **Taxila, Punjab**
TEAM **20+ Craftsmen**	MACHINES **15+ On Floor**
PROJECTS **250+ Delivered**	DELIVERY **Nationwide**

In-house from raw stock to finished product.

START TO FINISH UNDER ONE ROOF · ONE TEAM · ONE POINT OF ACCOUNTABILITY

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THE PEOPLE BEHIND THE METAL

Led by engineers who have built for clients that allow no margin for error.

Vesprr Workshop is directed by a founding team whose careers were shaped by defence, government and high-stakes engineering work — environments where a part either meets the standard or it does not ship. That is the same bar we hold every order to.

01

Muhammad Mustafa

CHIEF TECHNICAL OFFICER

An engineering graduate of **NUST, H-12 Islamabad** — Pakistan's foremost engineering institution — with a technical command spanning **smart robotics, industrial IoT, cloud systems and software**. Over a career touching **more than twelve organisations**, he has engineered and delivered systems for **federal government agencies and the country's armed forces — including the Federal Intelligence Agency (CCW) and the Pakistan Navy**.

These are clients where **tolerances are checked, paperwork is audited and there is no room for a second attempt** — and that discipline is now the backbone of how the workshop runs. Before Vesprr he founded and operated **three technology ventures** of his own, giving him a builder's grasp of what it takes to deliver on time and to specification. As CTO he owns the workshop's **process control, precision standards and quality systems** — the machinery that guarantees the part you approve is the part you receive.

02

Muhammad Ahmad

CHIEF EXECUTIVE OFFICER

A **BS Physics graduate** with **five-plus years founding and running manufacturing-driven businesses**. His ventures have reached across the **solar-energy sector** — an industry that lives or dies on precision metalwork, where every panel depends on **mounting frames, load-bearing supports and weather-hardened structures** that must hold their geometry for years in the field. That work gave him a first-hand understanding of **how steel behaves under real load**, not just on paper.

He deepened it as a founder of a **full-stack 3D design and manufacturing studio**, developing a rare, practical command of three-dimensional structures — **how they carry weight, where they fail and how to engineer them right the first time**. Since taking the helm as **CEO in February 2024**, he has made himself the **final gate on quality**: nothing leaves the Vesprr Workshop until it meets his standard.

WHAT WE DO

Five capabilities. One shop floor.

Everything below happens in-house — which means tighter tolerances, faster turnaround, and a single team that owns your project end to end.

01

Welding & Joining

Certified MIG, TIG and arc welding for structural steel, stainless and aluminum — from pressure-rated joints to fine decorative work.

MIG · TIG · Arc · AWS-standard

02

Laser & Plasma Cutting

High-powered fiber laser cutting with clean edges and minimal heat distortion — up to 20 mm mild steel and 12 mm stainless.

20 mm mild · 12 mm stainless · DXF / DWG · Nesting

03

Metal Fabrication

Cutting, bending, assembly and finishing under one roof — full bills of materials, weldments and multi-part assemblies.

Bending · Weldments · Assembly · Powder coat

04

Containers & Structures

Custom industrial containers, metallic sheds, warehouses and modular buildings — durable, transportable, corrosion-treated.

Containers · Sheds · Warehouses · Modular

05

Furniture & Ironwork

Metal furniture, gates, grills, railings, trolleys and display fixtures — functional engineering with a finished, aesthetic edge.

Gates · Grills · Railings · Furniture

CAPABILITY 01

Welding & Fabrication

Professional MIG, TIG and stick welding for **structural steel, stainless steel and aluminum**. Our certified welders work to AWS-standard procedures — equally at home on pressure-rated structural joints and fine decorative seams. From there we take the job all the way through fabrication: cutting, bending, assembly and finishing.

WELDING & JOINING

- **MIG / TIG / Arc** welding stations
- Structural & **pressure-rated** joints
- Stainless, mild steel & aluminum

FULL FABRICATION

- Shearing, punching & press-brake bending
- **Powder coating & painting**
- Complete assembly & sub-assembly

TYPICAL WORK WE TAKE ON

Structural frames · Trusses & beams · Handrails & platforms · Tanks & enclosures · Machine bases · Skids & frames · Repairs & retrofits · Pressure-rated joints

> **One BOM, one team.** We manage full bills of materials and multi-part weldments in-house — you receive a finished, inspected assembly, not a box of loose parts to coordinate.

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CAPABILITIES 02 & 03

Cutting & Sheet-Metal Fabrication

Laser & Plasma Cutting

High-powered fiber laser cutting for sheet metal, pipes and profiles — clean edges, a minimal heat-affected zone, and fast turnaround on both simple and intricate shapes. Nesting software packs your parts efficiently to **save material and cost**.

- Up to 20 mm mild steel
- Up to 12 mm stainless
- DXF / DWG ready
- Nesting optimization

Metal Fabrication

Complete fabrication from raw stock to finished assembly — shearing, punching, bending, welding and finishing in one continuous workflow. Enclosures, brackets, frames, panels and full multi-part assemblies, delivered **painted and ready to install**.

- Sheet metal & structural steel
- Bending & forming
- Powder coat & paint
- Full assemblies

INSIDE THE WORKSHOP

Equipment & Machinery

Our floor combines precision cutting and forming with heavy fabrication capacity — **15+ machines** covering the full journey from raw stock to finished, inspected part. Every process you need lives under one roof, so your job never leaves our control.

Cutting
Fiber laser, plasma cutting, shearing and sawing for sheet, plate and profiles.

Forming
Press-brake bending, section rolling and punching for panels and frames.

Joining
Dedicated MIG, TIG and arc welding stations with certified welders.

Assembly & Fit-up
Jigs, fixtures and bolt-up stations for multi-part weldments and structures.

Finishing
Powder coating, painting and anti-corrosion treatment lines.

Inspection
Dimensional measurement and visual weld inspection before dispatch.

CAPACITY AT A GLANCE

- Laser: 20 mm mild / 12 mm stainless
- MIG / TIG / arc welding
- Press-brake bending
- Section rolling
- 1–1,000+ unit runs
- Powder-coat & paint lines

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SPECIFICATIONS

Materials & Finishes

Materials we work with

Mild Steel · Stainless Steel (304 / 316) · Aluminum (6061 / 7075) · Brass · Copper · Galvanized Sheet · Tool Steel · Cast Iron · Spring Steel · Carbon Steel

Processes & capacity

Process group	Capability
Laser cutting	Up to 20 mm mild steel · up to 12 mm stainless · nesting
Forming	Press-brake bending, section rolling, punching
Welding	MIG / TIG / arc · AWS-standard procedures
Finishing	Powder coating, wet paint, galvanizing & anti-corrosion
Production runs	Single prototype to 1,000+ identical units

Finishes available

- Powder coating (wide colour range)
- Wet paint / industrial enamel
- Galvanizing & anti-corrosion coatings
- Brushed & polished surfaces
- Primer-only for later finishing

Accepted file formats

DXF · DWG · STEP · IGES · PDF · SolidWorks · JPG / PNG

Not sure which material or process fits your part? Send the requirement and our team will advise on the best material, tolerance and finish for the job and budget.

Material sourcing handled for you. We procure the correct grade, control it through production, and finish it to spec — so the metal in your part is exactly what you signed off on.

HOW WE WORK

From your idea to a finished part — in four clear steps.

A checkpoint at every stage means no surprises: you approve the plan, we build to it, and we inspect before it ships.

1 **Design Review**
Send drawings, CAD files (DXF, DWG, STEP, IGES, PDF, SolidWorks) or a rough sketch. We review every job for manufacturability — catching fit, tolerance and material issues on paper, before any metal is cut.

2 **Quote & Plan**
You receive a detailed estimate with material specs, a realistic timeline and finish options. Typical quote turnaround is **24–48 hours** once we have complete drawings.

3 **Manufacture**
Precision cutting, welding and fabrication in our fully-equipped workshop, following documented procedures for repeatable, consistent results.

4 **QC & Deliver**
Dimensional inspection, surface finishing and delivery to your door — nationwide across Pakistan. The part you approved is the part you receive.

What we need from you

- A drawing, CAD file, or a rough sketch
- Quantity and target timeline
- Material & finish preference (or ask us)

What you receive back

- A detailed, itemised quote in 24–48 hrs
- Inspected, finished parts to spec
- One point of contact from start to delivery

250+	15+	20+	100%
PROJECTS COMPLETED	MACHINES ON FLOOR	SKILLED CRAFTSMEN	CUSTOM WORK

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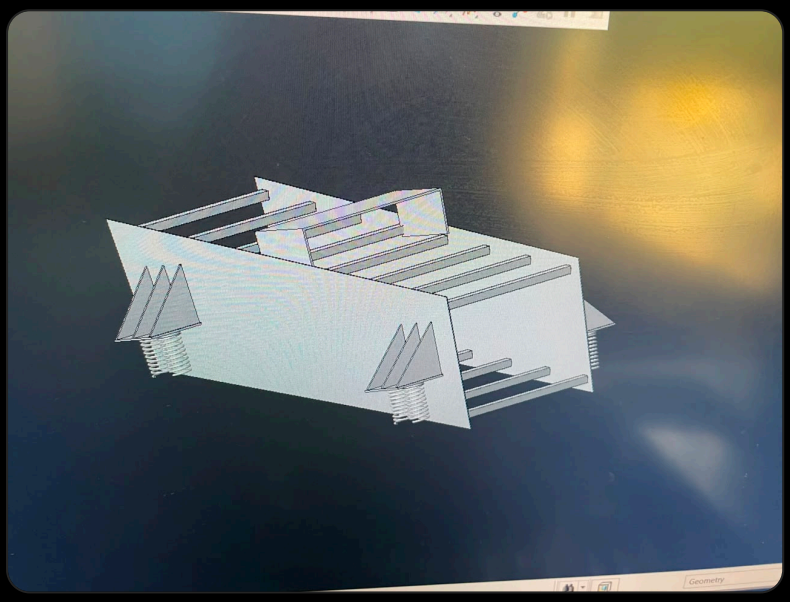
DESIGN & ENGINEERING

Every part starts as a 3D model.

Before a single cut is made, we model and detail the job in 3D CAD — checking fit, clearances, weld access and material thickness on screen. Problems get solved on the model, not on the shop floor, and a drawing, a sketch or even a broken sample becomes a build-ready design.



3D weldment modelling

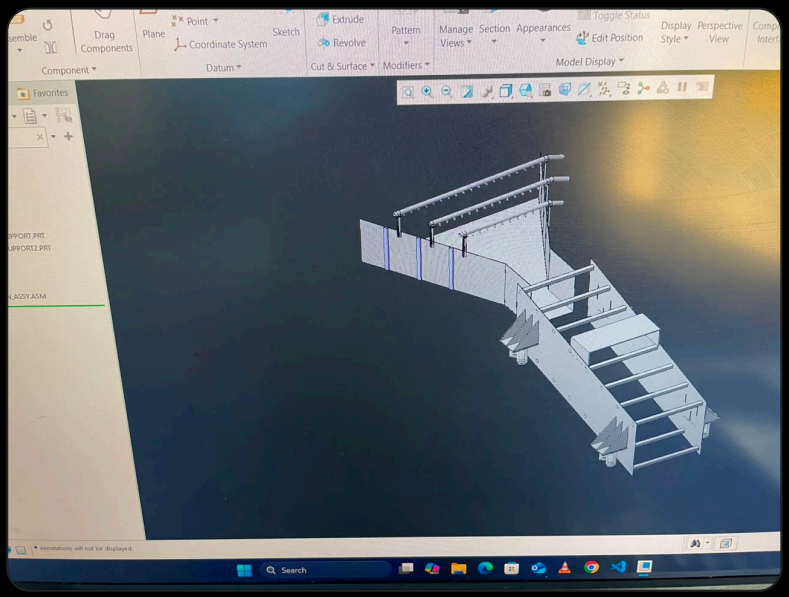
A fabricated frame built up as a full weldment — panels, internal rails and triangular gusset stiffeners with threaded mounts, all positioned in 3D. Every bracket is placed before fabrication, so parts fit on the first assembly.

WELDMENT · SHEET-METAL

Structural assembly design

A steel access staircase modelled part-by-part — stringers, treads, posts and handrail built as a parametric assembly. Modelling the whole structure verifies geometry, gusset placement and rail heights before any steel is cut.

PARAMETRIC ASSEMBLY



Send us anything — DXF, DWG, STEP, IGES, SolidWorks, or just a photo of a worn-out part. We reverse-engineer it, re-model it in 3D, then build to the approved design.

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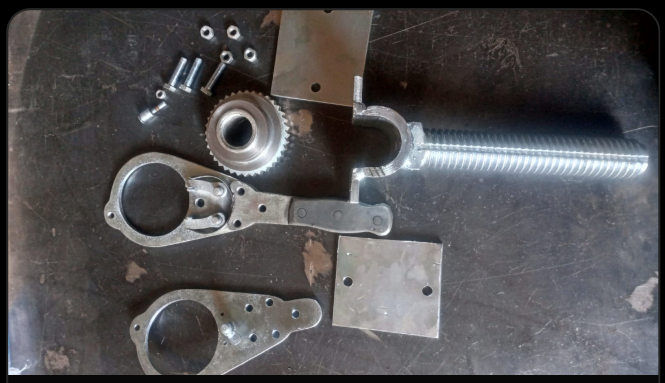
FROM MODEL TO METAL

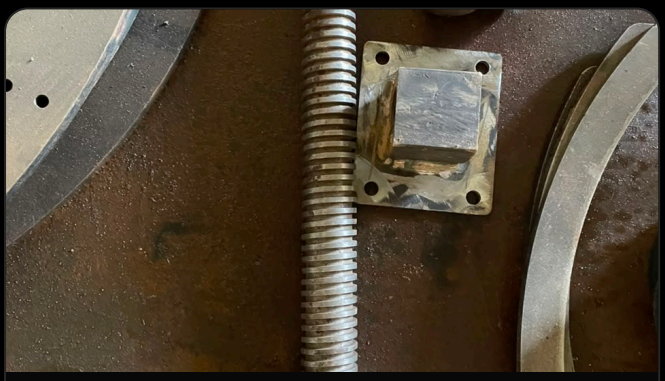
Proof in the metal.

The output: components produced straight to the drawing — turned, cut, drilled, welded and finished in-house.

Sprockets & gears
A toothed sprocket turned with a stepped hub and a bored, keyed centre — sized to run true on its shaft.



Matched component set
Mounting plates, a sprocket, a forged eye-rod and ring-collar clamp arms — cut and drilled to assemble straight together.



Lead screws & shafts
Trapezoidal lead screws with square drive ends, turned shafts and a keyed flange collar — made to pitch.

Linkage, in batch
A production run of shackle links, tie-bars, ring collars and threaded pins — cut and drilled to identical spec.

Lined friction ring
A heavy, service-critical wear component built from raw plate. The steel band is rolled and cut to diameter, slotted for cooling and clamping, then fitted with segmented friction linings bonded around the inner rim. Every segment is set true so the ring runs balanced under load — and when the linings wear down, we re-line the same band rather than scrapping the whole assembly. Fabricated, lined and finished in-house, to your dimensions.

WHY VESPRR WORKSHOP

Six reasons clients keep coming back.

01 **Every stage in-house**
Start to finish under one roof. From raw stock to a finished, painted assembly, one team controls the whole job.

02 **Precision you can rely on**
Documented procedures and careful fit-up mean parts fit and welds hold — the first time.

03 **Prototype to production**
The same machines and discipline take you from a single proof-of-concept to a full production batch.

04 **Honest timelines**
We quote lead times we can meet and flag changes early. Predictability is part of the product.

05 **Engineering-first mindset**
Backed by our parent technology company, we review every job for manufacturability before cutting metal.

06 **Delivered anywhere**
Nationwide delivery across Pakistan.

The result is simple: parts that fit, welds that hold, and deadlines that are met — job after job. That reliability is why our clients treat us as a long-term manufacturing partner, not just another vendor.

> ”If it leaves our shop, we stand behind all of it — the part, the weld, and the deadline.”

250+	15+	20+	100%
PROJECTS COMPLETED	MACHINES ON FLOOR	SKILLED CRAFTSMEN	CUSTOM WORK

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LET'S BUILD IT

Have a drawing, or just an idea?

Send it over — we'll review it for manufacturability and come back with a detailed quote. From a one-off prototype to a full production batch, we'll bring your design to life in metal.

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WORKSHOP
PRF4+8H2, N-5, Taxila, Punjab

WORKING HOURS
Mon – Sat · 8 AM – 6 PM

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