



PSW

STEEL FABRICATION

**PRACTICAL SOLUTIONS
STEEL & WELDING**

COMPANY PROFILE

About Us

Welcome to our steel fabrication facility, a leading manufacturing hub based in Sharjah, UAE. Equipped with advanced production technologies—including automatic band saw cutting, CNC lathe machining, and high-precision laser cutting—our factory delivers reliable, accurate, and high-performance steel components for a wide range of industrial applications.

We specialize in the manufacturing of:
Anchor bolts and foundation fastening systems, Base plates and structural connection elements, Threaded rebar accessories, Secondary support steel structures, Cladding clamps and façade-related steel items, Custom-engineered steel products designed to meet complex project requirements.

With a strong focus on quality and efficiency, our facility supports both export operations and supply to major projects and industries across the GCC. Our products serve sectors such as construction, oil & gas, infrastructure, MEP, and industrial engineering.

A Member of the METACODE Alliance

We are proud to be part of METACODE, a strategic alliance that unifies expertise across the steel raw materials and finished-products supply chain.

METACODE connects leading companies from multiple regions, enabling seamless sourcing, manufacturing, and distribution. Partners include:

Power Build Steel Trading Company – UAE
Al Ramly Holol Company – Saudi Arabia
Ayomet Industries – India
Foshan Jayma – Hong Kong
Premier Sourcing – UK

Through this powerful network, we ensure consistent material availability, competitive pricing, and extensive global reach—allowing us to support clients with comprehensive steel solutions from raw material sourcing to finished product delivery.

Our Commitment

Driven by engineering expertise, innovation, and uncompromising quality, we aim to be a trusted partner for contractors, fabricators, and industrial clients. Whether supplying standard items or manufacturing specialized steel components, we are dedicated to delivering products that meet international standards and exceed customer expectations.



BAND SAW



CNC LATHE



PLASMA



DRILL



PRESS



BENDING



THREADING



WELDING



SHEET WRK

Quality Management

Quality Management

At PSW, quality is the foundation of everything we do. From raw material procurement to final delivery, we maintain strict quality control systems to ensure that every product meets or exceeds customer expectations, project specifications, and applicable international standards.

Our Quality Policy

We are committed to:

- Delivering consistently high-quality steel fabrication products
- Complying with applicable codes, standards, and statutory requirements
- Continuously improving our processes, products, and services
- Achieving total customer satisfaction through reliability and performance
- Quality is not inspected into our products — it is built into every stage of production.

Quality Management System

Our factory operates under a structured Quality Management System (QMS) that governs all operational activities, including:

- Material sourcing and verification
- Production planning and execution
- Inspection, testing, and documentation
- Corrective and preventive actions

All processes are monitored and reviewed to ensure traceability, consistency, and compliance.

Material Control & Tracability

- All incoming raw materials are procured from approved suppliers
- Mill Test Certificates (MTCs) are verified before production
- Materials are identified, tagged, and traceable throughout the fabrication process
- Separate storage for accepted, rejected, and non-conforming materials

In Process Quality Control

Quality checks are carried out at every critical stage of fabrication, including:

- Cutting, bending, machining, and welding
- Dimensional inspection as per approved drawings
- Welding inspections by qualified personnel
- Surface preparation and coating inspections (where applicable)
- Non-conforming products are identified, isolated, and corrected through defined procedures.

Quality Management

Inspection & Training

We conduct inspections and tests in accordance with project requirements and relevant standards, such as:

- Dimensional and visual inspections
- Weld quality inspections
- Coating thickness and adhesion checks (for epoxy or other coatings)
- Final inspection prior to dispatch
- Inspection records and quality reports are maintained and provided to clients when required.

Skilled Workforce & Training

Our quality is supported by:

- Qualified engineers and supervisors
- Skilled fabricators and welders
- Regular training on quality standards, safety, and best practices
- We believe that a trained workforce is essential for consistent quality output.

Continues Improvement

We actively pursue continuous improvement through:

- Internal audits and management reviews
- Root cause analysis of non-conformities
- Customer feedback and performance evaluation
- Process optimization and technology upgrades

Commitment to Our Clients

Our goal is to be a reliable long-term partner for infrastructure, industrial, and construction projects by delivering:

- Durable and precise steel products
- On-time deliveries
- Transparent documentation and communication

“ Quality is our responsibility, and customer satisfaction is our measure of success”.

PRODUCT LINE

STRUCTURAL ANCHORING

PSW is specialized in the manufacturing of foundation bolts, custom stud bolts, dowel bars, and anchor plates for structural, industrial, and infrastructure applications. Our products are manufactured in accordance with international standards such as ASTM, ISO, DIN, BS, and IS to ensure strength, accuracy, and reliability.

We work with a wide range of materials including carbon steel, alloy steel, and stainless steel grades such as ASTM A36, A193, A307, A325, EN 8, EN 19, IS 2062, SS 304, SS 316, and equivalent specifications.

Products are supplied with various surface finishes including hot-dip galvanizing (ASTM A123 / ISO 1461), electro-galvanizing, black finish, epoxy, zinc flake, PTFE, and customized coatings.

Our manufacturing process is supported by strict quality control, including dimensional inspection, mechanical testing, and coating verification, with material test certificates and inspection reports available. We are committed to delivering precision-engineered anchoring and fastening solutions that meet global project requirements.



Dowel bars



Foundation bolts



Stud bolts



Deformed bar Anchors



U Bolts



Ground Stakes

PRODUCT LINE

PRECISION METAL FABRICATION

We provide custom metal fabrication of base plates, structural supports, washers, angles, brackets, and related components, engineered to meet project-specific mechanical and structural requirements. Components are manufactured to tight tolerances using controlled cutting, drilling, bending, and welding processes.

Base plates are fabricated for accurate anchorage and load transfer, with customized thicknesses, hole patterns, and surface finishes. Structural supports and brackets are designed to withstand static and dynamic loads while maintaining dimensional stability. Precision washers and spacers are produced for effective load distribution and alignment control. Custom angles and fabricated sections are supplied for framing, reinforcement, and connection applications.

Fabrication is carried out in carbon steel, alloy steel, stainless steel, and other specified materials, with inspection and quality checks to ensure compliance with engineering drawings, material specifications, and applicable standards.



Base Plates



Base Supports



Cages



Puddle Valves



Custom washers



Angle Brackets

PRODUCT LINE

ENGINEERED REINFORCEMENT ACCESSORIES

We manufacture engineered construction accessories for reinforced concrete and formwork applications, including steel high chair spacers, concrete joint formwork accessories, and box-out shutters. Our products are designed to ensure accurate reinforcement positioning, clean concrete finishes, and efficient site installation.

Manufactured from durable materials and precision-fabricated, our solutions deliver consistent performance, ease of use, and reliability across residential, commercial, and infrastructure projects. We also provide custom formwork accessories to meet specific project requirements.



MAXFRANK Stremaform



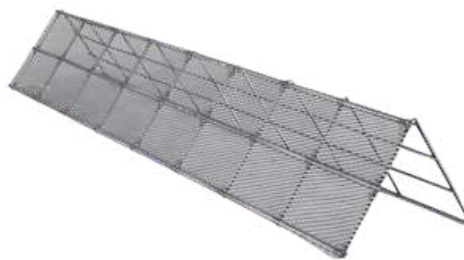
Steel chairs



Continues Steel Hi Chair



MAXFRANK Box Out Frames



MAXFRANK A-Form



Form work plates

PRODUCT LINE

CUSTOMIZED HANGERS & SUPPORTS

Practical Solutions specializes in the customized fabrication and supply of hangers and support systems designed to meet the diverse requirements of MEP, construction, and industrial projects across the UAE. Our solutions are engineered to provide reliable load support, durability, and ease of installation in demanding environments.

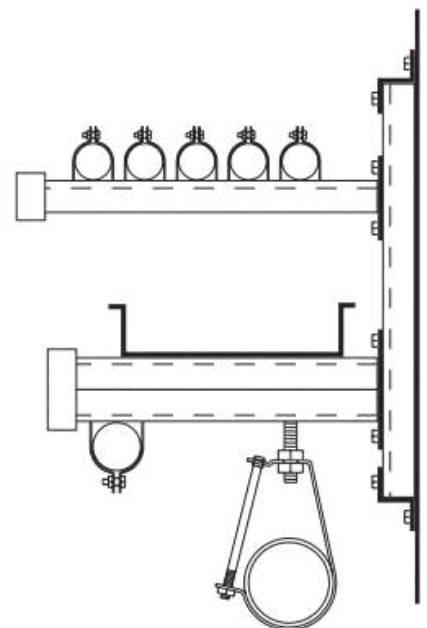
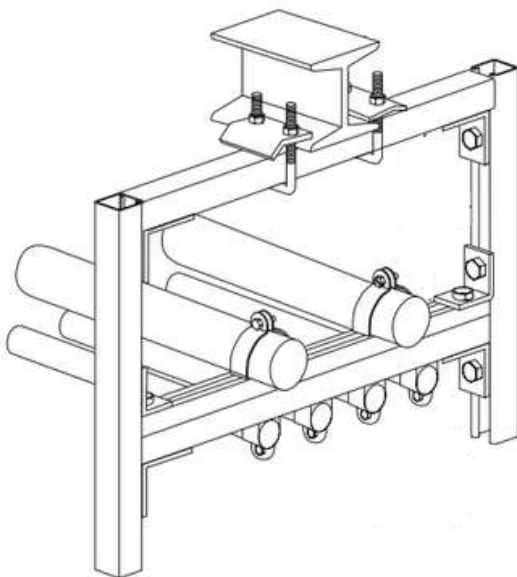
We offer tailor-made hanger and support systems manufactured from high-quality materials such as mild steel, stainless steel, and galvanized steel, ensuring excellent strength, corrosion resistance, and long service life. Each system is fabricated in accordance with project specifications, international standards, and site conditions.

Our range includes:

- Pipe hangers and supports
- Cable tray and trunking supports
- HVAC duct supports
- Equipment support frames
- Anchor systems and brackets
- Seismic and vibration-resistant supports
- Custom-designed modular support systems

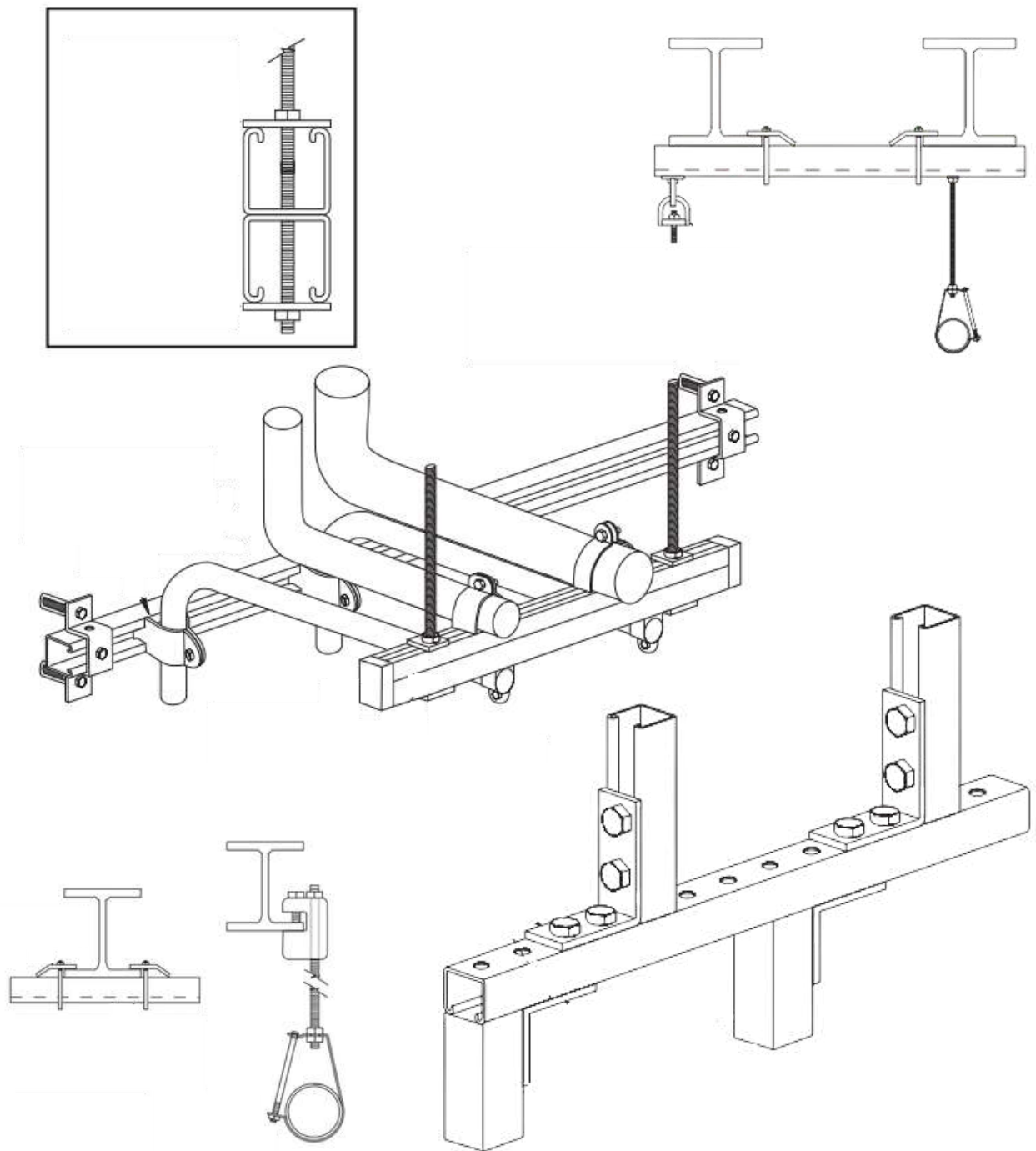
Fabrication capabilities:

- Precision cutting, bending, and welding
- Threading, slotting, and drilling
- Hot-dip galvanizing, electroplating, and powder coating
- Pre-assembly for quick on-site installation



PRODUCT LINE

CUSTOMIZED HANGERS & SUPPORTS



PRODUCT LINE



NON STRUCTURAL METAL WORKS

Practical Solutions is a trusted supplier and fabricator of non-structural metal works in the UAE, delivering reliable, high-quality solutions to the construction, infrastructure, and industrial sectors. With strong sourcing capabilities and fabrication expertise, we provide both standard and custom-made metal components tailored to project requirements.

We work with a wide range of materials including mild steel, stainless steel, aluminum, copper, and specialty alloys, ensuring durability, corrosion resistance, and compliance with regional standards. Our integrated approach combines material supply with precision fabrication, enabling efficient turnaround and consistent quality.

Our capabilities include:

- Custom fabrication (cutting, bending, welding, machining)
- Supply of ready-to-install metal components
- Surface finishing (galvanizing, powder coating, polishing)
- Bulk supply and project-based deliveries

Product range:

- Handrails, balustrades, and guardrails
- Access ladders and safety structures
- Metal frames, brackets, and supports
- Gratings, trench covers, and plates
- Cladding and façade support systems
- Decorative and architectural metal works
- Custom-engineered components

With a strong presence in Dubai and across the UAE, Practical Solutions is committed to delivering cost-effective, durable, and timely solutions. Our focus on quality, flexibility, and customer satisfaction makes us a reliable partner for contractors, fabricators, and project developers.

PRODUCT LINE

NON STRUCTURAL METAL WORKS

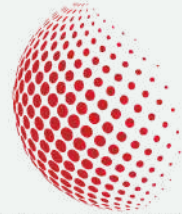


PRODUCT LINE

NON STRUCTURAL METAL WORKS



PSW
STEEL FABRICATION



SOLUTIONS BY **ALRAMLY**



Riyadh
SAUDI ARABIA



Sharjah
UAE



POWER BUILD
STEEL TRADING COMPANY.



Dubai
UAE

AYOMET



Mumbai
INDIA

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