



ENGINEERING · WELDED FABRICATION · NDT · ASSEMBLY · CUSTOMER PORTAL

Behind every weld, an **engineer's** signature.

From machine chassis to pressure lines, from construction and lifting equipment to project-specific steel structures, we take on critical welded fabrication — together with engineering, NDT, assembly and a live customer portal — under a single responsibility.

100%

Certified welding team

EN ISO 9606-1/2

5

NDT methods in-house

VT · PT · MT · UT · RT

48 h

From drawing to full quotation

Incl. WPS + NDT plan

3

IWE-qualified engineers

EN ISO 14731 coordination

01 · WHO WE ARE

An engineering-driven **production partner** for critical welded structures.

ArmaWeld was founded in Konya by mechanical and welding engineers with many years of hands-on experience in heavy industry. Our founding team knows first-hand the discipline that load-bearing welded structures demand, and exactly where quality is lost in conventional supply chains.

This experience shapes our business model. We take ownership of our customers' projects from technical review onwards, managing engineering, production planning, welded fabrication, non-destructive testing, assembly and dispatch under a single responsibility. Welding and inspection are carried out by our own certified personnel; cutting, forming and surface treatment are performed at audited partner facilities to ArmaWeld specifications.

Every product we deliver comes with a complete production file — from material certificates and welding procedures to NDT reports and dimensional records — and that file stays accessible 24/7 in our customer portal.

OUR VISION

To be Türkiye's most trusted and auditable welded fabrication company, leading an industry standard in which the record behind every weld is valued as highly as the part itself.

OUR MISSION

To carry engineering discipline into every stage of production, and to prove with documented data that every part leaving our facility will perform safely in the field.

IN NUMBERS

100%

Certified welding team
EN ISO 9606-1/2

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48 h

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ARMAWELD AT A GLANCE

Konya

Welding, grinding, assembly and inspection at our Karatay facility; shipping across Türkiye and for export.

5 certificates

EN 1090-2 · EN ISO 3834-2
· ISO 9001 · ISO 14001 · ISO 45001

One responsibility

One contract, one price, one lead time from material to dispatch.

Live portal

Order status, documents and lead times on one screen, 24/7.

PRODUCTION SCALE

From single prototype to series

CONFIDENTIALITY

NDA on every project

QUOTATION TIME

48 hours from receipt of drawing

CONTRACT

One contract from material to dispatch

02 · WHY ARMAWELD

One point of contact and one responsibility across your supply chain.

Working with ArmaWeld doesn't add another supplier to your list — it takes an entire burden off your supply chain. Machine builders and OEMs choose us for six concrete reasons.

01

Capacity without capex

Certified welders, NDT personnel and an engineering team, ready now. Grow your production capacity without fixed costs, hiring or equipment investment.

02

One contact, one responsibility

The whole chain from material to dispatch at one address: one contract, one price, one lead time. ArmaWeld is accountable for the full quality.

03

Audit-ready delivery

WPS, WPQR, 3.1 material certificates, NDT reports and dimensional checks arrive with every delivery. When your auditor asks, the file is already there.

04

Predictable lead times

The process plan is written into the quotation and progress is live in the portal. You see a delay risk weeks ahead — not on shipping day.

05

Engineering support

Material and welding process selection, weld detail optimisation and fixture design. Your drawing becomes more manufacturable and more economical.

06

Line-ready modules

Complete products, or chassis, booms and sub-assemblies that go straight into your assembly line — from drawings, samples or reverse engineering.

CONVENTIONAL SUPPLIER VS. ARMAWELD

TOPIC	CONVENTIONAL JOB SHOP	ARMAWELD
Contact	Separate firms for cutting, forming, welding and inspection	✓ One contact; ArmaWeld manages the chain
Weld quality	Depends on the craftsman	✓ Procedure-driven: approved WPS/WPQR and certified welders
Inspection	Outsourced, if at all	✓ 5 NDT methods in-house · acceptance EN ISO 5817 B
Documents	On request, often incomplete	✓ Complete document file with every delivery
Order status	Asked by phone	✓ Live in the portal, 24/7
Engineering	Built exactly as drawn	✓ With manufacturability and cost proposals
Flexibility	Minimum order quantity	✓ No quantity threshold, from prototype to series

03 · WHAT WE BRING

Three layers we add to contract manufacturing: evidence, engineering and transparency.

01 Production

Cut, form, weld and deliver to drawing. Conventional shops stop here: quality depends on the craftsman, information lives on the phone.

STANDARD JOB SHOP

02 Evidence

Every part is traced by a single serial number. Heat number, WPS revision, welder and NDT report are linked together.

EN ISO 3834-2 · EN 10204
3.1

03 Engineering

We review your drawing with you for manufacturability and cost: material, welding process, weld details and fixtures.

IWE · WPS · WPQR

04 Transparency

Your order is live in the customer portal: which stage, which document is ready, which welder worked on it.

PORTAL · 24/7

CONVENTIONAL SHOPS STOP HERE

THE ARMAWELD STANDARD →

04 · HOW WE WORK

Critical processes in-house, the entire chain under one responsibility.

We perform critical work in-house. Other processes are carried out at partner facilities we select and audit, under our own specifications.

In-house

ARMAWELD

Engineering & project management

Technical review, WPS selection, work order, schedule

Welded fabrication

MAG · TIG · FCAW · SAW — from S235 to S960QL and Strenx

Non-destructive testing

VT · PT · MT · UT · RT — Level 2 personnel

Assembly

Fixture assembly, torque records, functional checks

Dispatch & document file

Product, production history and quality records together

Audited partner network

UNDER ARMAWELD SPECIFICATIONS

Material supply

3.1-certified plate and profiles, heat-number matching

Plate cutting

Plasma and laser; DXF and nesting plan from ArmaWeld

Forming & bending

Angle and dimensional check on receipt at ArmaWeld

Machining

Post-weld machining; dimensional report to file

Surface prep & painting

Blasting, paint system, DFT records

What you get

CUSTOMER

One contract

One price and lead time for the whole chain

One responsibility

ArmaWeld accountable for full quality

One document file

Including work done at partners

One screen

Live tracking in the portal

Every operation performed at a partner passes ArmaWeld incoming inspection and is recorded under the same serial number. Coordinating subcontractors, managing quality gaps and chasing documents is no longer your job.

05 · PRODUCT GROUPS AND SECTORS

Critical welded structures, from machine chassis to pressure lines.

We are not tied to a single product; we work wherever welded fabrication is critical. The groups below are the work we take on most often.

01

Machine Chassis & Frames

Chassis, main bodies, frames and bases for machine and equipment builders — welded structures ready for machining and assembly.

S355 · S690QL · EN 1090-2

02

Pressure Lines & Piping

Process and hydraulic lines, flanged pipe spools, manifolds and headers; full-penetration welds with UT / RT inspection.

P265GH · P355NH · 304L / 316L

03

Construction Machinery Parts

Booms and arms, buckets and quick couplers, front frames, counterweight frames — Hardox and high-strength steel.

HARDOX · STREX · S700MC

04

Lifting & Transport Equipment

Mobile crane booms and chassis, outrigger groups, lowbed and trailer main chassis modules.

S690QL · S960QL

05

Steel Structures & Platforms

Load-bearing frames, platforms and stairs, equipment bases and energy structures.

EN 1090-2 · S235 - S355

06

Project-Specific Fabrication

Design and fabrication for non-standard needs: special devices, fixtures, superstructures, prototypes, revisions and reverse engineering.

PROTOTYPE TO SERIES

SECTORS WE SERVE

Machine & equipment building

Process & industrial plants

Energy

Construction machinery

Lifting & transport

Trailers & superstructures

Agricultural machinery

Defence industry

OTHER FABRICATION WORK

Our portfolio also covers trailer and lowbed chassis modules, mobile crane components, agricultural trailers, vehicle bodies and welding fixture tables; details are available on request.

WHERE DO WE START?

01

From your drawing

DWG, DXF, STEP or PDF — with manufacturability proposals.

02

From your sample

We measure your existing part and prepare its drawing and WPS.

03

By reverse engineering

Redesign for undocumented parts or parts that need revision.

06 · CAPABILITIES, EQUIPMENT AND INSPECTION

Approved welding procedures from structural steel to ultra-high-strength grades.

Each material group gets its own WPS, preheat protocol and consumable selection. Our WPQR library, approved to EN ISO 15614, grows with every new material and thickness. Welding equipment and instruments are periodically calibrated under EN ISO 3834-2.

MATERIAL EXPERTISE

MATERIAL GROUP	GRADES	WELDING DISCIPLINE
Structural steels	S235 · S275 · S355 J2+N	Approved WPS · EN 1090-2
High strength (QT)	S690QL · S960QL · Strenx 700 / 960	Mandatory preheat (EN 1011-2) · H5 consumables · interpass logging
Thermomechanical (TMCP)	S700MC	Heat input ≤ 1.5 kJ/mm · interpass ≤ 200 °C
Wear-resistant steels	Hardox 400 / 450 / 500 · Raex	Buffer layer · low-hydrogen consumables · controlled cooling
Pressure equipment steels	P265GH · P355NH	Pressure lines and piping · full penetration · UT / RT
Stainless steel	304L · 316L	Separate area · contamination control
Aluminium	EN AW 5754 · 6082	TIG · welders certified to EN ISO 9606-2

WELDING PROCESSES · EN ISO 4063

135 MAG High productivity for structural and series work	136 Flux-cored (FCAW) Thick sections, positional welding, high strength	141 TIG Stainless, aluminium, precise and visible welds	121 Submerged arc (SAW) Deep penetration on long, thick seams
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EQUIPMENT

01 Synergic MIG/MAG WPS-linked parameter sets for repeatable welds.	02 Submerged arc (SAW) High deposition on thick sections and long seams.	03 TIG (AC/DC) Precise, clean welds on stainless and aluminium.
04 Preheat & temperature Interpass temperature measured and recorded.	05 NDT equipment Equipment for five methods; no outside waiting.	06 Measurement & assembly Calibrated gauges, fixtures, digital torque wrenches.

NON-DESTRUCTIVE TESTING – ALL IN-HOUSE

VT Visual	PT Penetrant	MT Magnetic particle	UT Ultrasonic	RT Radiographic
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EN ISO 9712 Level 2 personnel · acceptance criterion EN ISO 5817 B · ISO 898 8.8 / 10.9 fasteners and digital torque records in assembly

07 · OUR TEAM AND PRINCIPLES

Welding, mechanical and NDT engineering **on one production line.**

Behind ArmaWeld is a team with deep expertise in welding engineering, mechanical engineering and NDT. Three disciplines on one production line, building every part together — and documenting it — from raw material to final report.

3

IWE-qualified welding engineers

IIW · EN ISO 14731

5

NDT methods · Level 2

VT · PT · MT · UT · RT

100%

Certified welders

EN ISO 9606-1/2

3

Disciplines on one line

Welding · Mechanical · NDT

IWE / IWT · EN ISO 14731

Welding engineering

Runs the EN ISO 3834-2 quality system. Develops WPSs, manages WPQR approvals and maintains the welder qualification matrix; owns preheat and interpass temperature control.

MANUFACTURABILITY · FIXTURES · PLANNING

Mechanical engineering

Reviews drawings for manufacturability and cost, designs welding sequence and fixtures, and sets up production and partner planning.

EN ISO 9712 LEVEL 2

NDT & inspection

Prepares the inspection plan for every job and signs the reports. Acceptance criterion EN ISO 5817 B; no unrecorded weld is ever shipped.

FOUR PRINCIPLES WE NEVER COMPROMISE

01

Traceability

Every part's material, welder, WPS and NDT record are linked. We do not make a part without a serial number.

02

Engineer's call

Every work order passes engineering approval. When an issue arises, the decision belongs to the engineer at the arc.

03

Documented welds

Uncertified welders, unapproved WPSs and unreported NDT are not accepted. Paperwork is as serious as steel.

04

No hidden errors

Every nonconformity is closed with root-cause analysis and does not repeat on the next job.

“When a part is built by a team that knows the interpass temperature, checks the preheat itself and puts on the mask to stand by the arc when needed, its documentation is real.”

— ARMAWELD ENGINEERING TEAM

08 · EVIDENCE OF COMPETENCE

A team described by **certificates**, not claims.

Our welding coordination, inspection and welder competences are certified to international standards through examinations by accredited bodies. Full copies are shared under a confidentiality agreement.

WELDING COORDINATION · EN ISO 14731

3 International Welding Engineers (IWE)

Welding engineers holding International Institute of Welding (IIW) diplomas.
Responsibilities:

- WPS preparation and WPQR approval
- Welder qualification matrix
- Preheat and interpass temperature control
- Root-cause analysis of nonconformities



NON-DESTRUCTIVE TESTING · EN ISO 9712

Inspections are performed — and reports signed — by our Level 2 personnel certified by TÜRKAK-accredited bodies.

UT

Ultrasonic testing
Level 2

RT-FI

Radiographic film interpretation · PED approved
Level 2

VT

Visual testing
Level 2

PT

Penetrant testing
Level 2

MT

Magnetic particle testing
Level 2



WELDER QUALIFICATION · EN ISO 9606

Welders are certified through examinations by accredited bodies. Each certificate's range is matched to the WPS, and its validity is confirmed by the welding coordinator every 6 months.

QUALIFIED WELDING PROCESSES · EN ISO 4063

131 MIG

Metal inert gas

135 MAG

Metal active gas

141 TIG

Tungsten inert gas

SAMPLE CERTIFICATE RANGE

ISO 9606-1 141 T BW FM5 S s0.5/12 D10/80 PA ss gb

141 TIG · T pipe · BW butt weld · FM5 stainless · s0.5/12 wall 0.5–12 mm · D10/80 pipe OD 10–80 mm · PA flat · ss gb single side, gas backing



Personal data on certificate images is redacted.

09 · QUALITY AND CERTIFICATION

A system certified by independent bodies — and a complete quality file with every delivery.

STANDARD	SUBJECT
EN 1090-2	Execution of steel structures — technical requirements
EN ISO 3834-2	Fusion welding — comprehensive quality requirements
ISO 9001:2015	Quality management system
ISO 14001:2015	Environmental management system
ISO 45001:2018	Occupational health & safety management system

By accredited certification bodies · initial certification 2026 · annual surveillance audits



Certification scope: Manufacturing of welded metal; design, manufacturing and assembly of steel structures, machinery and vehicle components, cranes and lifting equipment, pressure vessels and tanks, and metal products for the defence industry — with sheet metal cutting, bending, NDT and engineering services.

THE DOCUMENT FILE WITH EVERY DELIVERY

DOCUMENT	STANDARD
Welding procedure specification (WPS)	EN ISO 15609-1
Procedure qualification record (WPQR)	EN ISO 15614-1/2
Welder qualification certificates	EN ISO 9606-1/2
Heat-number matched material certificate	EN 10204 3.1
NDT reports — Level 2 signed	EN ISO 17637 et al.
Dimensional inspection report	EN ISO 13920
Surface & coating (DFT) report	ISO 12944
CE declaration — where required	EN 1090-1 · DoP
Traceability matching table	Serial · Heat · Welder

HOW WE KEEP IT CURRENT

Annual external audit

Accredited bodies audit production, records and personnel on site.

6-monthly internal audit

WPS revisions, record management and welder performance are reviewed.

Continuous WPQR

New materials and thicknesses get approved procedures; the library grows.

Welder renewal

EN ISO 9606 certificates are renewed periodically; expired personnel don't weld.

Structural plate & profiles

EN 10025-2 · EN 10204 3.1

Stainless plate & coil

EN 10088-2 · ASTM A240

Bar & shaft

EN 10278 · EN 10204 3.1

If the documentation is incomplete, so is the product.

10 · TRACEABILITY

Uninterrupted traceability in seven steps, from raw material to dispatch.

Every work order opens with a digital serial number. Material heat, WPS, welder, NDT report, dimensional check and shipping document accumulate in the same record. No step starts until the previous one's record is complete.

01	Engineering approval	SOP.REV.ENG	Drawing review, WPS selection, work order and serial number.
02	Incoming material	MAT.INCOMING	Heat number, EN 10204 3.1 certificate, visual inspection and marking.
03	Cutting & forming	CUT.FORM	Cutting and forming at partner; dimensional and angle check plus part labelling on receipt.
04	Welding	WELD.ACTIVE	Certified welder, approved WPS, parameter and interpass temperature logging.
05	NDT inspection	NDT.INSPECT	Level 2 report; acceptance criterion EN ISO 5817 B.
06	Surface & coating	SURFACE.COAT	Blasting, paint system and DFT measurement report.
07	Dispatch & dossier	SHIP.DOSSIER	Product, production history and quality file together; CE / DoP where required.

QUALITY METRICS · 2026

99.2%

NDT first-pass yield

98.7%

First time quality (FTQ)

96.4%

On-time delivery

0.3%

Customer return rate

Serial → Heat no → WPS → Welder → NDT → Coating → Dispatch

Each part's digital record stays accessible 24/7 in the customer portal.

Every stage of your order, on one screen and in real time.

When you approve a quotation, a dedicated portal account is opened for you. Fed by real production data, it lets your purchasing, quality and engineering teams see the same record. Not phone traffic — a single source of truth.

portal.armaweld.com

CUSTOMER PORTAL
ArmaTech

EN 4 Ahmet Yilmaz Sign out

Welcome, Ahmet Yilmaz

Manage your production processes, documents and messages in one place.

5
In Production
[View all →](#)

1
Ready to Ship
[View all →](#)

12
Completed
[View all →](#)

19
Total Orders
[View all →](#)

Action Required
Urgent tasks and pending approvals 11

TRK0001AT
Awaiting shipment receipt confirmation
[Go to task →](#)

TRK0002AT
Awaiting shipment receipt confirmation
[Go to task →](#)

TRK0003AT
Awaiting shipment receipt confirmation
[Go to task →](#)

portal.armaweld.com

Delivery Performance

Summary of on-time delivery, production progress and document sharing.

92%
On-Time Delivery
11 / 12 orders on the planned date

50%
Avg. Production Progress
Across 6 active orders

6
Upcoming Deliveries
Active orders with a planned delivery date

0
Shared Documents
Quality documents available in the portal

Order Tracking & Status

Track the production stages of your active orders live. [View all →](#)

J08-2026-0041 Satellite Communication Antenna Legs **IN PRODUCTION**

J08-2026-0040 Electromagnetic Shield Bracket **CANCELLED**

J08-2026-0034 Tactical Drone Body Part **COMPLETED**

portal.armaweld.com/orders

CUSTOMER PORTAL
ArmaTech

EN 4 Ahmet Yilmaz Sign out

My Orders

View all your orders and their production status.

Search by order no., title or material...

19 / 19 orders

ORDER NO	TITLE	STATUS	STAGE	DELIVERY DATE
J08-2026-0041 SER-AT-2026-0041	Satellite Communication Antenna Legs S356L2-N	IN PRODUCTION	6/7 — Surface Treatment / Paint	20 Jun 2026
J08-2026-0040 SER-AT-2026-0040	Electromagnetic Shield Bracket P200H	CANCELLED	1/7 — Engineering Approval	20 Jul 2026
J08-2026-0039 SER-AT-2026-0039	Air Defense Simulator Platform S690DL	ON HOLD	3/7 — Cutting & Forming	30 Jun 2026
J08-2026-0038 SER-AT-2026-0038	Command & Control Unit Cabinet S356LR	IN PRODUCTION	1/7 — Engineering Approval	15 Aug 2026
J08-2026-0037 SER-AT-2026-0037	Sensor Module Protective Cage H350L500	IN PRODUCTION	2/7 — Incoming Inspection	1 Jul 2026
J08-2026-0036 SER-AT-2026-0036	Fiber Optic Cable Duct S356L2	IN PRODUCTION	4/7 — Welding	10 Jun 2026

Dashboard

Open, in-production and completed orders plus delivery performance at a glance.

Live order tracking

Exactly where your order is on the 7-stage line, in real time.

Traceability timeline

Operator, date, notes and documents at every stage.

Quality documents

WPS, WPQR, 3.1, NDT and CE / DoP documents as signed PDFs.

Lead time & performance

Expected delivery, monthly deliveries, on-time rate.

Notifications & messages

Stage and document alerts; every conversation linked to its job.

Quotation requests

Upload DWG / DXF / PDF and follow your RFQ live.

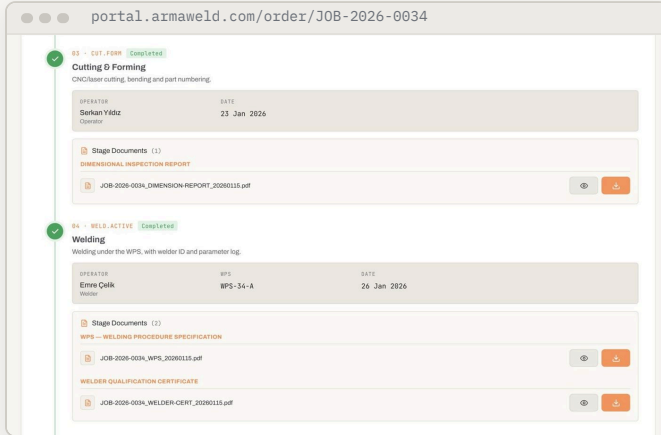
After-sales

Installed products, spare parts, service and warranty requests.

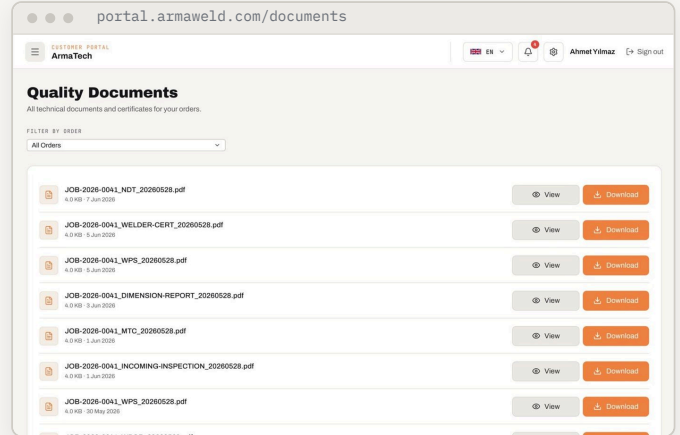
Sample screens · illustrative customer and order data · TLS-encrypted connection · role-based access · regular backups · covered by confidentiality agreement

11 · ARMAWELD CUSTOMER PORTAL

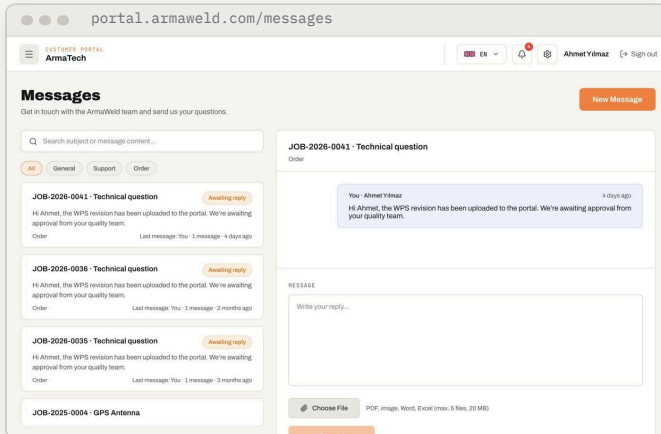
A record of every stage — every document one click away.



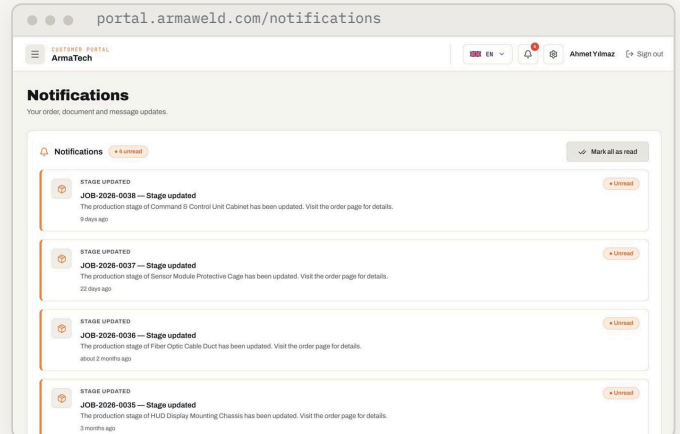
TRACEABILITY TIMELINE · CUTTING AND WELDING STAGES



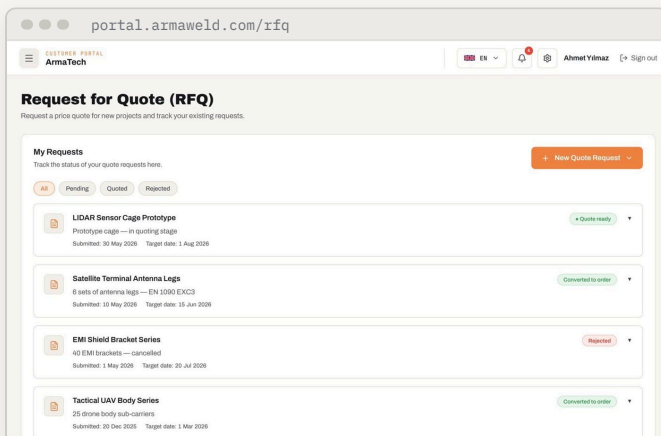
QUALITY DOCUMENTS · VIEW / DOWNLOAD



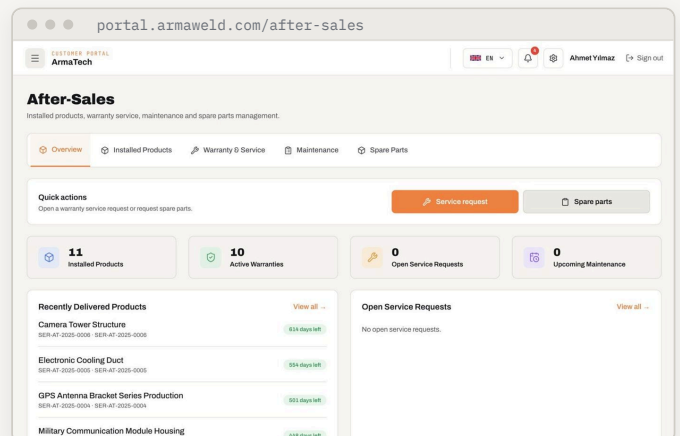
ORDER-BASED MESSAGING



STAGE AND DOCUMENT NOTIFICATIONS



REQUEST FOR QUOTATION (RFQ)



AFTER-SALES · INSTALLED PRODUCTS AND SERVICE

WHO GAINS WHAT FROM THE PORTAL?

Purchasing

Sees lead-time risk early and plans on real data.

Quality / Engineering

Reviews and approves WPS, NDT and dimensional reports before dispatch.

Management / Audit

Manages suppliers on evidence; presents documents from the archive in one click.

12 · LET'S WORK TOGETHER

Send us your drawing and receive a full quotation within 48 hours.

From a single prototype to series production, we have no minimum order quantity. Our quotation is more than a price: it comes with the welding process, material, WPS and NDT plan.

DAY 0

Send your drawing

DWG, DXF, STEP or PDF. An NDA is standard; your project engineer is assigned within 2 hours.

+24 H

Technical call

We clarify tolerances, weld class, material and delivery details together.

+48 H

Full quotation

Price plus WPS list, NDT plan, material certificate scope and delivery schedule.

AFTER APPROVAL

Production & portal

Planning starts and your portal account opens. Follow the rest on screen.

FOR A FAST QUOTATION, SEND US

- ✓ Drawing or 3D model (DWG, DXF, STEP, PDF)
- ✓ Material and thickness, accepted equivalents
- ✓ NDT scope and extent
- ✓ Required documents (3.1, CE / DoP, reports)
- ✓ Annual / batch quantity and prototype needs
- ✓ Weld quality level and tolerances (EN ISO 5817 / 13920)
- ✓ Surface treatment / paint system
- ✓ Lead time and delivery location

QUOTATIONS & TECHNICAL

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PORTAL LOGIN

portal.armaweld.com

FACTORY

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WORKING HOURS

Mon-Fri 08:00-18:00

PRODUCT PRESENTATIONS

Available on request

www.armaweld.com



ARMAWELD

— STRONGER TOGETHER —

Let's make your next project
stronger, together.

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