FERES INDUSTRIES

Manufacturing Capability Statement

Contract manufacturing and supply coordination in Türkiye

This statement presents the manufacturing routes currently offered for technical review and quotation. Each enquiry is assessed against the drawing, material, volume, documentation and delivery requirements before a production route is proposed.

DRAWING TO DELIVERY

Machined components | Cast and forged components | Aluminium components

Company and operating model

A coordinated route to selected manufacturing capabilities

FERES Industries supports industrial buyers that need a clear commercial and operational route to manufacturing capabilities in Türkiye. We receive the requirement, coordinate technical clarification, identify a suitable production route and keep quotation, production, quality documentation and delivery connected through one point of contact.

What the buyer receives

Stage	FERES Industries responsibility
Technical review	Review drawings, material, quantities, critical dimensions and required records.
Production route	Assess process fit and identify suitable manufacturing capability for the enquiry.
Quotation scope	Define inclusions, exclusions, tooling, lead time, delivery basis and commercial terms.
Production follow-up	Coordinate questions, agreed approval points and order progress.
Quality records	Coordinate the inspection and documentation scope agreed for the order.
Delivery	Coordinate export packaging and the agreed delivery arrangement.

How capability is presented

The following pages describe process families available for review. Final feasibility, tolerances, capacity, certification and lead time are confirmed for each RFQ; they are not assumed from a general capability list.

Machined components

CNC and precision machining routes

Machined-part enquiries are reviewed against geometry, raw material form, critical dimensions, batch size, inspection requirements and delivery schedule. The selected process is confirmed only after technical review.

Process group	Available review scope
Milling	Vertical machining, horizontal machining, 3-axis, 4-axis and 5-axis machining
Turning	CNC turning, Swiss-type turning and mill-turn machining
Hole making	Drilling, tapping, deep-hole drilling, boring and reaming
Precision finishing	Surface grinding, cylindrical grinding, honing and lapping
Special machining	Broaching, keyways, wire EDM and sinker EDM
Power transmission features	Gear and spline cutting
Production profile	Prototype, sample, repeat batch and series-part review

Technical review inputs

- Current drawing revision and 3D model where available
- Material grade and raw material condition
- Critical dimensions, tolerances and datum scheme
- Quantity, estimated annual demand and target delivery
- Required dimensional, material and inspection records

Cast and forged components

Near-net-shape routes with secondary machining

Casting and forging enquiries are considered as complete manufacturing routes. The review may include material, tooling condition, sample approval, secondary machining and the required inspection evidence.

Family	Processes considered for review
Cast materials	Aluminium, grey iron, ductile iron, carbon and alloy steel, stainless steel
Casting methods	Sand, investment, lost-foam, gravity die, low-pressure, high-pressure die, shell moulding and centrifugal casting
Forging methods	Hot, cold, open-die, closed-die, hammer and press forging
Additional forming	Ring rolling
Downstream work	Secondary machining and agreed dimensional verification

RFQ information that improves quotation quality

- Part drawing, 3D data and material specification
- Existing tooling status or need for new tooling
- Expected quantity, annual volume and programme life
- Machined surfaces and final dimensional requirements
- Sample approval, inspection and documentation requirements

Aluminium components

Machined, cast and extruded aluminium routes

Aluminium enquiries are grouped separately where alloy choice, raw material form, weight, geometry and downstream operations materially affect the production route and quotation.

Route	Available review scope
Machined aluminium	Plate and block machining, milled parts, turned parts and 5-axis machining
Cast aluminium	High-pressure die casting, low-pressure casting, gravity casting and sand casting
Extruded aluminium	Extruded profiles, cut-to-length supply and profile CNC machining
Profile operations	Drilling, tapping and machining of functional profile features
Production profile	Prototype, pre-series, repeat batch and series-component review

Key information

- Alloy and temper designation
- Required raw material form
- Functional surfaces and critical geometry
- Part weight, quantity and annual demand
- Cosmetic, dimensional and documentation expectations

Technical review and quality records

Documentation is defined with the RFQ

Quality requirements are agreed for the specific part and order. FERES Industries coordinates the requested scope with the proposed manufacturing route and reflects it in the quotation where applicable.

Requirement	Typical record or decision
Material identity	Material certificate or agreed supplier evidence
Dimensional verification	Dimensional report against agreed characteristics
First article	First article review or sample approval scope
Advanced measurement	CMM report where required and available for the selected route
Traceability	Agreed lot, material or production identification
Process evidence	Relevant process record when included in the quotation

Confidential information

An NDA may be arranged before confidential drawings are shared. Files submitted through the FERES Industries RFQ system are stored for project review and are not used to create a marketing subscription.

Commercial clarity

The quotation states the defined manufacturing scope, tooling assumptions, inspection records, packaging, delivery basis, lead time, payment terms and exclusions. Changes to the technical requirement are reviewed before they are accepted into the order scope.

Send a review-ready RFQ

A clear technical brief produces a clearer quotation

Submit the available project information through feresindustries.com. A complete enquiry helps us identify the right manufacturing route and return focused technical questions.

Include	Recommended information
Part data	PDF drawing and STEP, STP, DWG or DXF file where available
Material	Grade, standard and required condition
Volume	Order quantity and estimated annual demand
Programme	Prototype, pre-series, series or replacement requirement
Delivery	Target date and destination
Quality	Required certificates, dimensional reports and approval records

Contact

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