ŞİŞMANOĞLU TECHNICAL SERVICES

Supplier Capability Statement

Şişmanoğlu Teknik Hizmetler Makine Mühendislik San. Tic. Ltd. Şti.
Karadenizliler Mahallesi, Ordulu Caddesi No: 39, Başiskele / Kocaeli, Türkiye

1. Current Machinery & Equipment

Equipment	Capacity
Universal Lathe	Ø500 × 2,000 mm
Universal Lathe	Ø800 × 3,000 mm
Baofeng CNC Vertical Machining Center	1,300 × 700 × 700 mm
Soraluce 4-Axis CNC Bed Milling Machine	2,500 × 1,200 × 1,400 mm
Chiron CNC Vertical Machining Center	2,400 × 400 × 400 mm
Hartford CNC VMC (with Dividing Head)	1,600 × 800 × 800 mm
Doosan Puma 12" CNC Lathe	Ø450 × 650 mm
250-Ton H-Type Hydraulic Press	250 Ton
3 kW Laser Welding Machine	3 kW
Nuriş MIG/MAG Welding Machine	—
Magmaweld MIG/MAG Welding Machine	—
CNC Vertical Turning Lathe	Ø1,600 × 1,000 mm
CNC Lathe	Ø1,250 × 5,000 mm
5-Axis CNC Portal Milling Machine	4,200 × 2,200 × 2,000 mm

2. Maximum Machining Capacity

CNC Milling — maximum dimensions	6,000 × 4,000 × 2,500 mm
CNC Turning — maximum dimensions	Ø1,250 × 5,000 mm
Maximum component weight	Up to 15 tons, depending on the project

3. Manufacturing Processes

In-house manufacturing:

- CNC Turning
- CNC Vertical Machining
- CNC Boring
- Universal Turning
- Tapping
- Laser Cutting
- Sheet Metal Bending
- All Welding Fabrication Processes

Subcontracted processes:

- Heat Treatment
- Wooden Patterns Required for Castings

4. Quality Certificates

ISO 9001, ISO 14001, ISO 22000, ISO 45001, EN ISO 3834

5. Quality Control & Inspection Capabilities

Hardness Tester, Digital Calipers, Reverse Engineering, CMM, Calipers, Micrometers

6. Manufacturing Capabilities

Welding:

- Electric Welding
- MIG/MAG Welding
- TIG (Argon) Welding
- Laser Welding

Heat Treatment:

- Vacuum & Conventional Annealing Furnace
- Heat Treatment Bath
- Induction Processes
- Carburizing / Tempering
- Annealing / Stress Relieving

Surface Treatments:

- Painting
- Electro / Hot-Dip Galvanizing
- Zinc Phosphate Coating
- Hard Chrome Plating
- Tungsten Carbide / Ceramic Coating

Non-Destructive Testing (NDT): Available

7. Sample Documents

All documents are provided upon completion of production, per project requirements.

Document	Description
Mill Test Certificate	Confirms chemical & mechanical properties of raw material
EN 10204 3.1 Certificate	Manufacturer's inspection certificate according to EN 10204 3.1
Material Certificates	Material certification and traceability documents
Heat Treatment Reports	Process parameters & results
Induction Reports	Induction hardening / process records
Dimensional Inspection Reports	CMM or manual inspection with calibrated equipment

8. Workforce & Human Resources

Function	Headcount
Quality engineer	1
Production engineer	1
IT / computer staff	1
Shipping responsible	1
Finance staff	1
Operators	5
Welding operator	1
Workers	9
Total employees	**20**

9. Production Lead Time & Capacity

Average lead time	30–45 days, depending on the project
Monthly production capacity	Approximately 150 tons

10. Export References

Export Reference	Country
FIVES FCB	France
CASTFAST GmbH	Germany