

Machining Of Rotating Parts



Turbomak

Milestones

- 1950 - Establishment in Turkey as the first local wheel & rim manufacturer
- 1961 - Supplying wheels for the project Devrim (The first Turkish made automobile)
- 1987 - Becoming an incorporated company
- 1990 - Expansion of factory area to 10.000 m²
- 1997 - New investment intending to machine rotating parts with CNC lathes
- 1999 - Expanding staff by programmers and operators experienced in aeronautics
- 2000 - Being a third party supplier for the well known US and European engine programmes by TEI



- 2000 - 50th year anniversary
- 2000 - Still expanding machine park
- 2000 - Iso 9001:1994 certification
- 2001 - Introducing Turbomak as the trademark of EJS for the aviation division
- 2003 - Improving the turning capability up to Ø1500mm
- 2004 - Iso 9001:2000 certification
- 2004 - Upgrading long term vision to extend the customer spectrum and participating Farnborough Airshow 2004
- 2004 - Being approved by Aubert&Duval for machining operations of rotating parts
- 2005 - Paris Airshow
- 2006 - Full range CNC machining park with 11 lathes
- 2006 - Farnbrough Airshow
- 2007 - Paris Airshow



Machine Park

Quantity	Description	Brand	Model	Cutting dia. / 3rd axis travel
1	Vertical Lathe	Sedin Num1040	1A512MF3	Ø1500 mm / 1200 mm
1	Vertical Lathe	You Ji	YV 1000	Ø1100 mm / 900 mm
3	Vertical Lathe	Daewoo	Puma V550	Ø680 mm / 780 mm
1	Horizontal Lathe	Daewoo	Puma 450	Ø700 mm /1575 mm
2	Horizontal Lather	Niles	CNC-H 645	300 mm
1	Horizontal Lather	Daewoo	Puma 240C	Ø350 mm / 560 mm
1	Vertical Machining Center	Daewoo	Ace V430	560×430×570 mm (XYZ)
1	Vertical Machining Center	Daewoo	MNYX 550	510×625×1270 mm (XYZ)



Main Capabilities

- Great experience in machining rotating parts
- Machining well-known aeronautics materials such as inco718, titanium, aluminum, stainless steel and other high temperature alloys
- CNC programming capability in short time cycle meeting all the requirements including limited tolerances and high surface quality
- Full range CNC lathes for turning max Ø1500mm and 10 000 kg
- High flexibility for prototype manufacturing
- Design and development of tooling for new product and prototype manufacturing
- Reduced administrative costs
- Activities meeting the requirements of Din EN ISO 9001:2000, as certified by TUV Rheinland Group by certification number 01 100 042862

Black Forging Qualifying



Post-sonic Machining



Competitive Performance

Lead Times

Service Levels



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