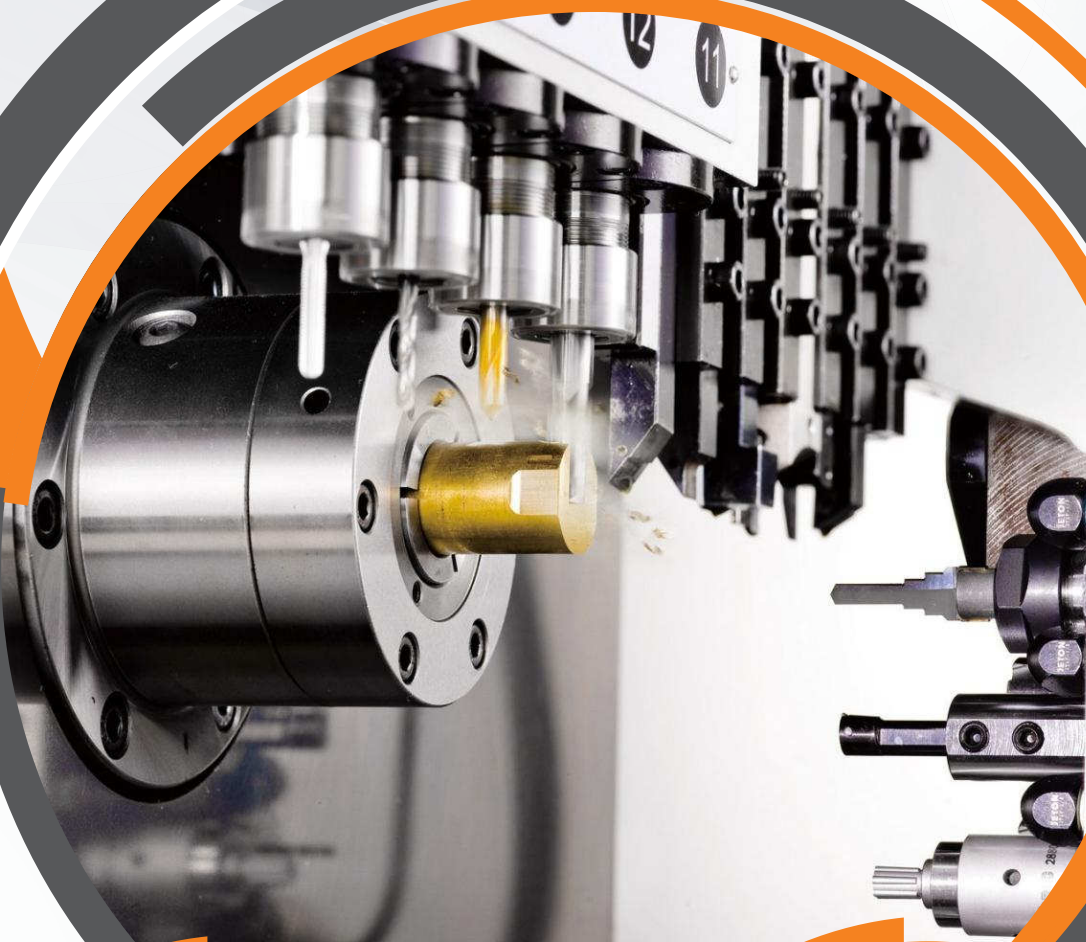


INNO MAK

Cnc Machining and Engineering Solutions



About us,

Innomak was established by three engineer founding member who mechanical engineer, industry engineer and electronic engineer in Bursa in 2013.

The founding members aimed to add service and value with their knowledge and experience of more than 20 years of machining professional experience in the leading companies of the sector, automotive industry experience and culture, ISO9001 and IATF 16949 quality understanding and awareness, MRP / ERP production system knowledge, design brand expertise.

Our company, which was established on a total of 500 m2 closed area, started production with cnc sliding and cnc lathe machines. In addition to manufacturing mainly for the automotive sector sub-industry, it also responds to all the machining needs of the metal industry such as furniture, machinery, white goods, and the medical sector.

Innomak provides engineering services to its customer in addition to machining.

Innomak provides support to customers in matters that require professional experience and engineering knowledge such as design and raw material selection against cost and possible quality accidents of machining parts that are in the design phase.

QUALITY POLICIES

- *To supply of demands of customers accurately, at the desired level, in quality, cost and on time.
- *To Make the work with faultless at one time, to predict the mistake initially and dispose effects leading error with risk analysis, Poke yoke and standardization.
- *Effectiveness of training at all levels and employees of concentraion to system with training
- *Working in line with continous imrovement in all our processes and supporting this with kaizens
- *To integrate to system with interiorize global manufacturing technical
- *To provide continuance and traceability by record all activities.

Production Technologies and Services

INNOMAK follows up-to-date production technologies and creates its machinery in this direction. By aiming the lean production technique; It has adopted the machines and methods to obtain the finished product in an unmanned and single operation.

All machines in the machine park have automatic rod loading system. While this features productivity at the maximum level, provide the competitive price by reduce the minimize employee needs.

The machine park consists of Cnc Sliding Workbenches, Cnc lathes and Cnc automats.

All of the machines are multi-axis and operations that require additional operations such as milling, drilling off-axis holes, and threading are performed on the bench.

The machines provide high and repeatable measurement senivity at high cutting speed.

With the existing machine park, over 6 million parts are produced annually for all sectors that including machining, especially the automotive sector.

In addition to machining, we are worked with customer design team on issues such desing, tolerance and choosing of raw material. At the beginning of the Project, customers provide improving with engineering services by we are gave.

By participating in customer FMEA studies during the design phase, we are involved in prevention and risk reduction studies by identifying the points where there is a high probability of quality problems on the parts.

Raw Materials

- *Free cutting steel
- *Carbon steel
- *Transmission steel
- *Alloy steel
- *Stainless steel
- *Delrin
- *Aluminum
- *Brass

Outsourced Processes

According to the conditions and requests specified in the technical drawing;

- *Heat treatment
- *Coating(zinc-nickel – geomet- delta protect)
- *Grinding

We have sub-suppliers for processes

All outsourced processes are accepted after controlled with measurement and verification certificates. That is verified by independent laboratories at annual period.

Received certificates and reports are delivered customer at every consignment.

INNOMAK

Cnc Machining and Engineering Solutions

Area of Machine

Brand of Machine	Type of Machine	Machining Diameter (mm)	Machining Length (mm)	Number of Axis
Citizen A20VIIp	Cnc Swiss lathe	3 - 20	1 - 175 (*)	7 Axis
Star SR20RIII	Cnc Swiss lathe	3 - 20	1 - 205 (*)	7 Axis
Citizen A20VIIICL	Cnc Swiss lathe	3 - 20	1 - 55	7 Axis
Star Sr32 JN	Cnc Swiss lathe	3 - 32	1 - 80	7 Axis
Hanwha XD26J	Cnc Swiss lathe	3 - 26	1 - 205 (*)	7 Axis
Star Sr20 RII	Cnc Swiss lathe	3 - 20	1 - 205 (*)	7 Axis
Miyano BND42 S5	CNC Automatic Lathe	5 - 42	3- 135 (*)	6 Axis
Alex Tech 42	CNC Lathe	5 - 42(**)	1 - 350	2 Axis

Dolfin VDL 40 SCROLL PARTS WASHING MACHINES

(*)=If the geometry of part is suitable, the machining length can exceed 350 mm.

(**) = The given value is collet machining value. When chuck setting, it can machine until 200 mm diameter.



INNOMAK

Cnc Machining and Engineering Solutions

QUALITY

Innomak has ISO9001:2015 Quality Management System certificate obtained from TUV Nord inspection organization since 2014.

PPAP file presentation is made with sample product and including customer special requests.

Standard PPAP file content

*PSW

*ELV Form

*Final Quality Control Report

*Feasibility Commitment

*OEE Capacity Adequacy

*Control Plan

*Machine Qualification Form (cm –cmK)

*Material Supply Source

*MSA

*Measuring and Control Instruments List

*PFMEA

*Product Workflow

*SPC



CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV Teknik Kontrol ve Belgelendirme A.Ş. procedures, it is hereby certified that



innomak Metal İşleme Makine Otomotiv ve Mühendislik Hizmetleri San. ve Tic. Ltd. Şti.
O.S.B., 75. Yıl Cad., Demirciler San. Sit., H Blok, No 17, Nilüfer,
TR-16140 Bursa,
Turkey

applies a management system in line with the above standard for the following scope

Production of machined metal parts

Certificate Registration No. 1002215
Audit Report No. TR 1598

Valid from 2021-07-15
Valid until 2024-07-14



Certification Body
at TÜV Teknik Kontrol ve Belgelendirme A.Ş.

Istanbul, 2021-07-15

The certificate remains valid until the above stated date if and only if there is an uninterrupted compliance with the requirements of the standard and certification contract. The certificate inquiry can be done by reading the square code generated by TBDS on mobile devices or by using TBDS Document number from <https://tbds.turkak.org.tr>.



TÜRKAK BDS NO
YS-F605-5779



Kalite Yönetim Sistemi
TS EN ISO/IEC 17021
AB-0003-YS

TÜV Teknik Kontrol ve Belgelendirme A.Ş.
Şehit Mehmet Fatih Öngül Sokak, No 5, Kat 4,
Odak Plaza, Kozyatağı, Kadıköy,
TR-34742 İstanbul
www.tuv-turkey.com tuv-nord@tuv-turkey.com

F-025-1-R04

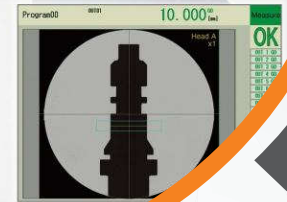
2763

INNOMAK

Cnc Machining and Engineering Solutions

Quality Measurement Devices

- *Keyence TM65 Optical Micrometer
- *Mitutoyo Height Gauge
- *Mitutoyo Digital Calipers
- *Mahr Digital Micrometer
- *Mitutoyo Surface Roughness Measuring Device



Products

INNOMAK

Cnc Machining and Engineering Solutions



Seat Systems Assembly Parts



www.innomak.com.tr

Products

INNOMAK

Cnc Machining and Engineering Solutions



Pressurized System Connection Parts

www.innomak.com.tr

Products

INNOMAK

Cnc Machining and Engineering Solutions



Machine Connection Parts



www.innomak.com.tr

Products

INNOMAK

Cnc Machining and Engineering Solutions



Automotive Assembly Parts

www.innomak.com.tr

Products

INNOMAK

Cnc Machining and Engineering Solutions



Shock Absorber Assembly Parts



www.innomak.com.tr

INNOMAK

Cnc Machining and Engineering Solutions



Organize Sanayi Bölgesi Demirciler San. Sitesi H/Blok No:17 Nilüfer/Bursa/TÜRKİYE

Tel : +90224 243 0 262 - Faks : +90224 243 8 262