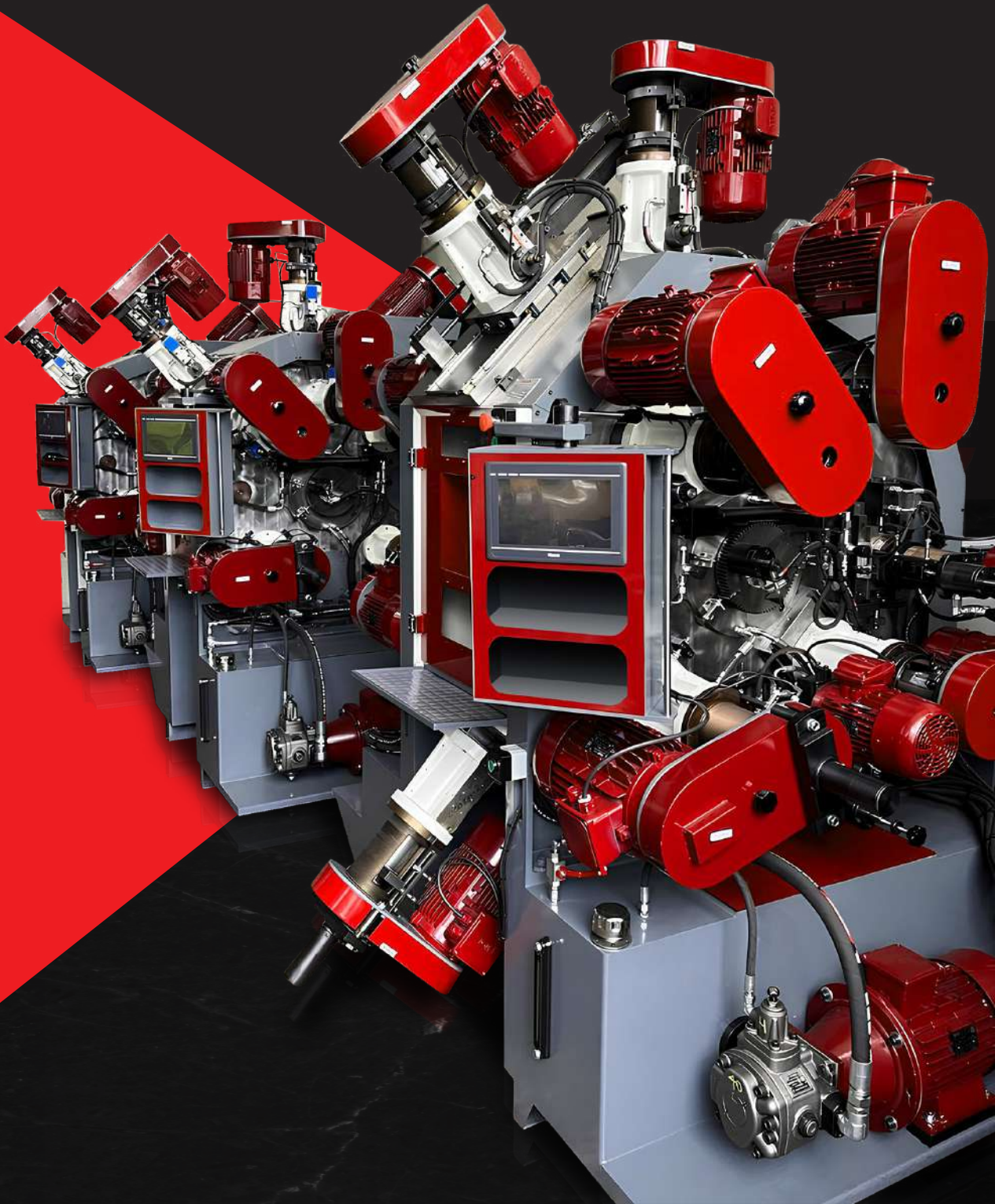


TEKNİK TRANSFER

TRANSFER MAKİNALARI SAN. VE TİC. LTD. ŞTİ.





**TEKNIK
TRANSFER**



**TEKNIK
TRANSFER**

ABOUT US

TEKNIK TRANSFER MACHINES was established in 2004, realising that Turkish industry was lacking in the field of machinery manufacturing. With over 20 years of experience, we set out to meet Turkey's industrial needs and support the national industry. Since our inception, we have taken important steps with our expertise in machine production. We operate in various fields such as Hydraulic 8 station Transfer Machine, Hydraulic 12 station Transfer Machine, Hydraulic Desktop Machine and Saw Machine production. We carefully design and manufacture each of our products and keep quality and durability at the highest level. We have grown and developed rapidly with our machining, welding, automation and assembly departments. In this way, we are able to offer our customers fast deliveries and spare parts supply at competitive prices.

MISSION

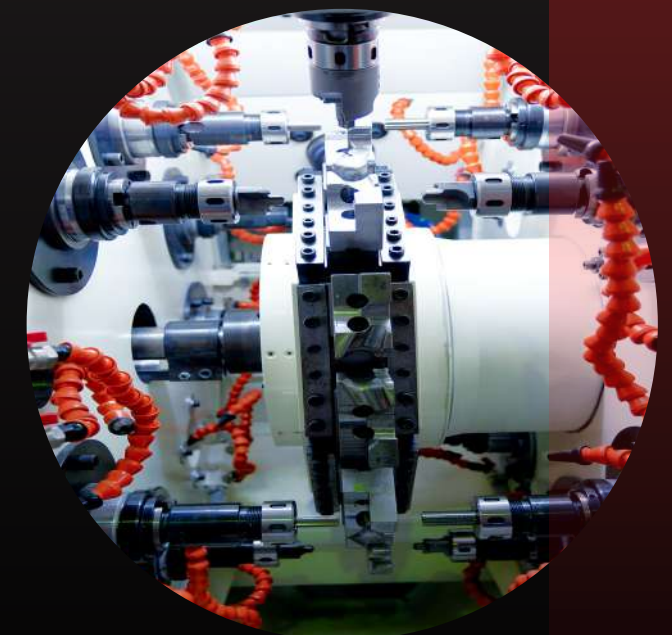
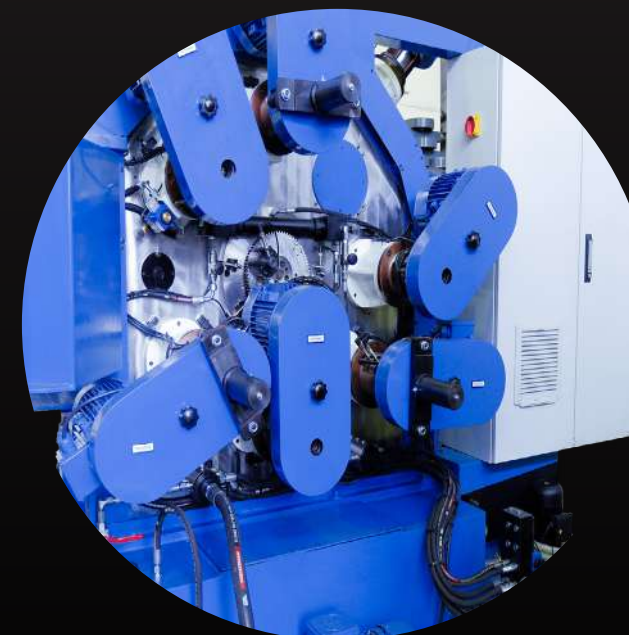
Our mission is to contribute to the Turkish industry and continuously strive to meet the expectations of the sector. With our high quality products, we are moving towards becoming an international brand by following occupational health and safety standards. We exist to meet the needs of our customers and to make their work easier.

VISION

Our vision is to grow continuously and to be the pioneer of the sector by expanding our product range. By identifying the needs of the industry, we continuously improve our products and aim to raise industry standards. We aim to reach a leading position among Transfer Machine manufacturers worldwide. As Teknik Transfer Machine, we are proud to work to contribute to a safer and more efficient industrial future.

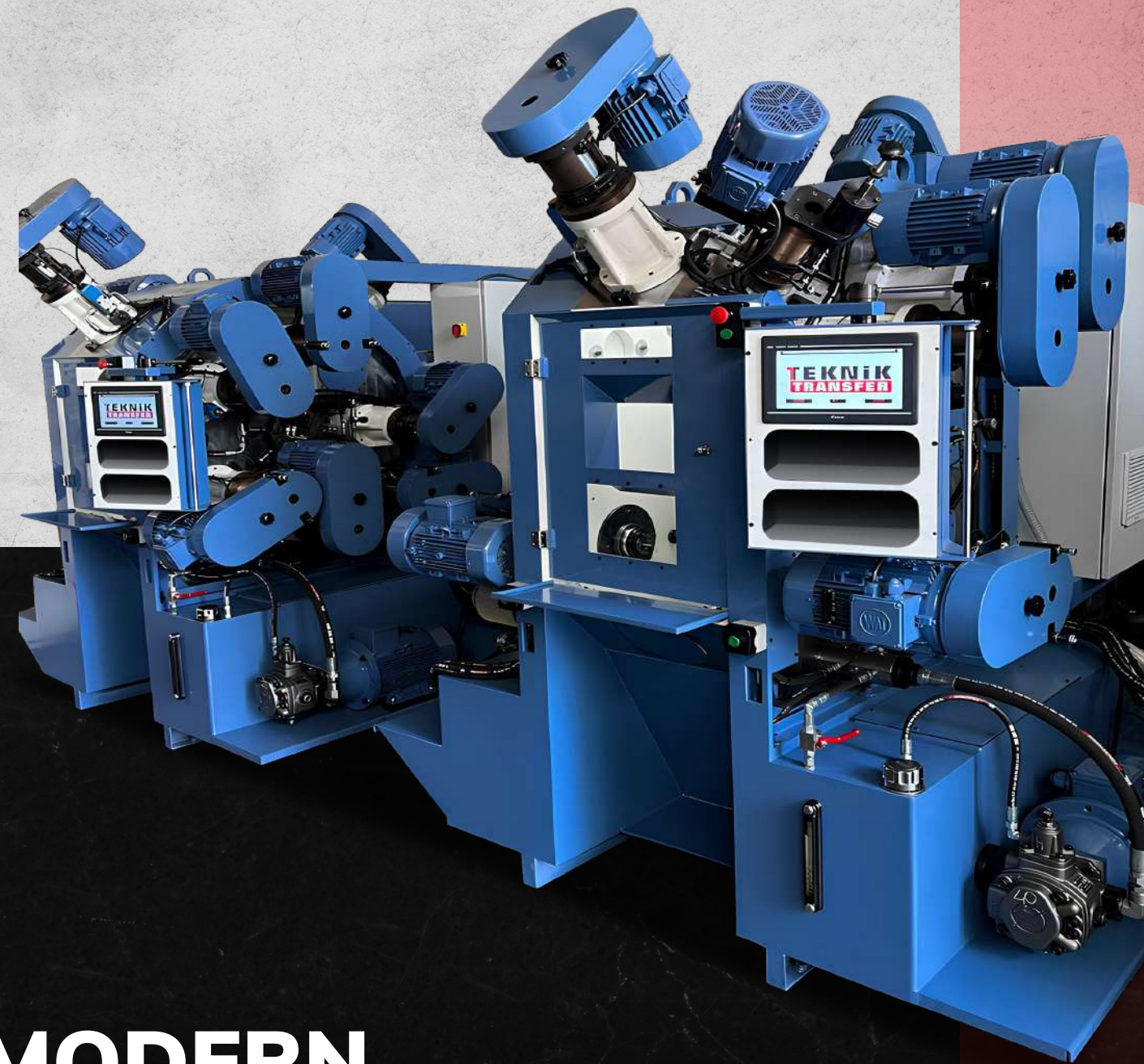
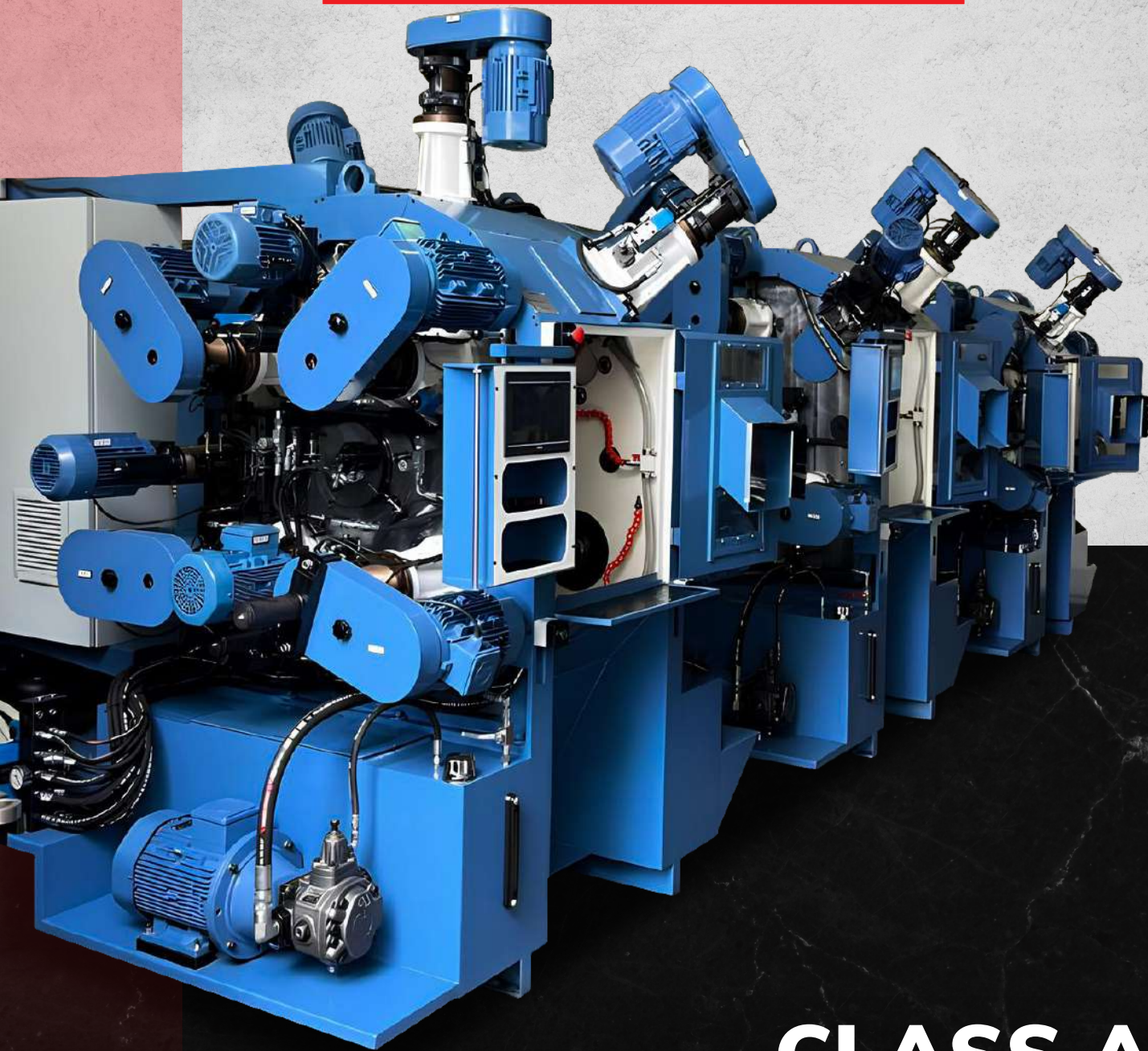
DEFINATION OF TRANSFER MACHINES

It is a machine where a number of parts varying according to the size and manufacturing method are connected to a rotating drum and a separate process is performed in each position. The position of the drum after rotation is realised with a precision of 0.02%. Operations such as drilling, turning, milling, threading, internal and external grooving, reaming of materials such as iron, steel, brass, aluminium and zamak can be performed. The machine is manufactured with vertical and horizontal drums upon request and controlled by PLC system. It is especially used in the processing of liquid and gas fittings (faucets, valves, fittings, etc.) hinges and special bearings.



TEKNIK
TRANSFER

TOP LEVEL QUALITY
TRANSFER MACHINES



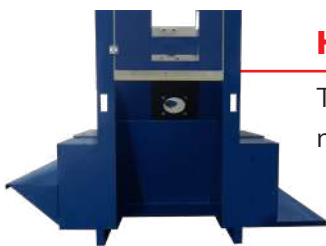
CLASS A
QUALITY

MODERN
TECHNOLOGY



MAIN BODY

The body of our machine is made of 40 mm thickness ST52 quality material.



HYDRAULIC TANK GROUP

The base sheet is made of ST52 quality material by welding each other with a thickness of 8mm, side sheets 6mm.



FIXED DRUM

One of the two drums of our machine our fixed drum with zero precision to the main body It is assembled and used from GG26 cast iron material.



ROTARY DRUM

Combined with the fixed drum to the drum shaft GG26 cast iron material is used. Drum rotation group rotates with rack gear. The drum rotation group rotates forwards and backwards at the same speed manual drum for dismantling tools, adjusted with throttles It can turn low and low if desired.

DRUM LOCKING GEAR

Drum locking gear with two fixed and one moving gear locking and works with 2% precision. Material 4140 is tempered steel and is heat treatment and grinding.



DRUM SHAFT

It is made of 4140 tempered steel material. It is chromium coating and precisely (1-2%) ground and assembled.



JAW and TOOLHOLDER SYSTEMS

Chuck and Jaw System:

The jaws are connected at equal angles on a rotating drum a separate operation is performed at each position. The jaws are made of manufacturing steel and can be heat treated upon request. In addition, our chuck group working in 1040 is manufactured with steel.



TOOLHOLDER (ISO40)

Our own production and 1050 manufacturing steel made of material.





LATHE UNIT



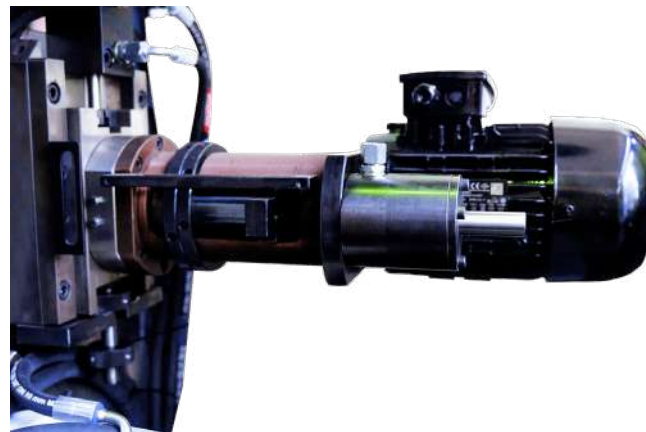
SCREW UNIT



GROOVING UNIT



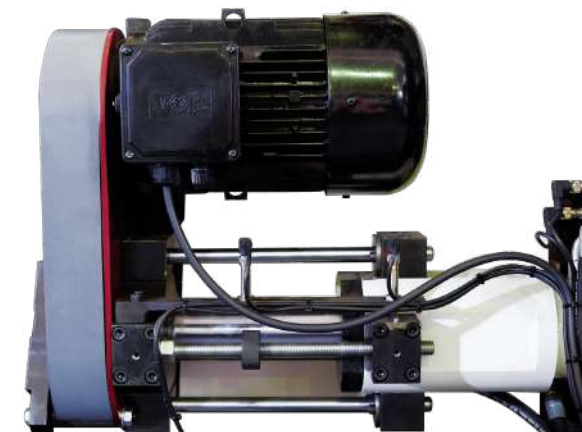
LONG STROKE LATHE UNIT



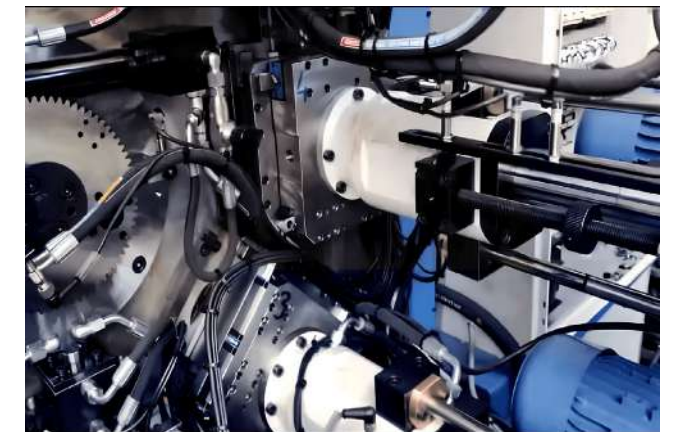
SLIDE LATHE UNIT



SLIDE SCREW UNIT



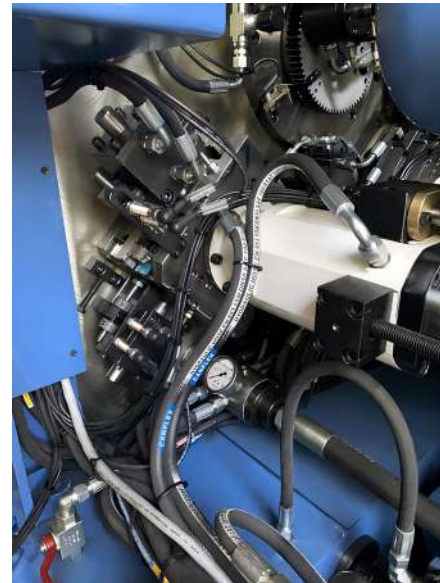
LONG STROKE SCREW UNIT



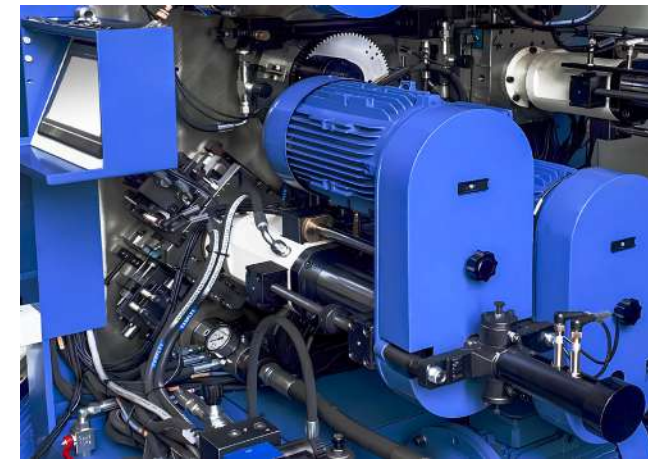
LONG STROKE SLIDE LATHE UNIT



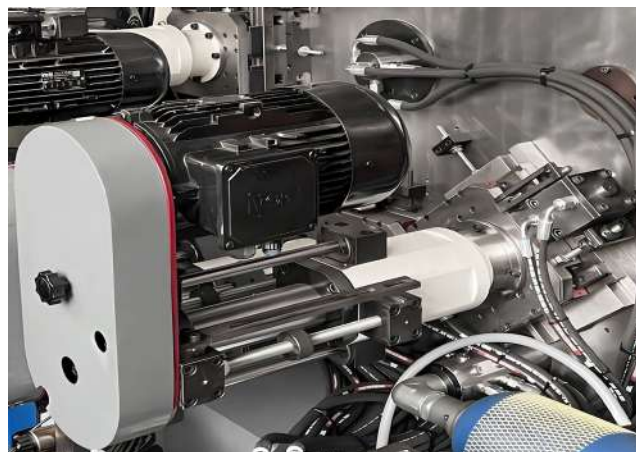
LONG STROKE SLIDE SCREW UNIT



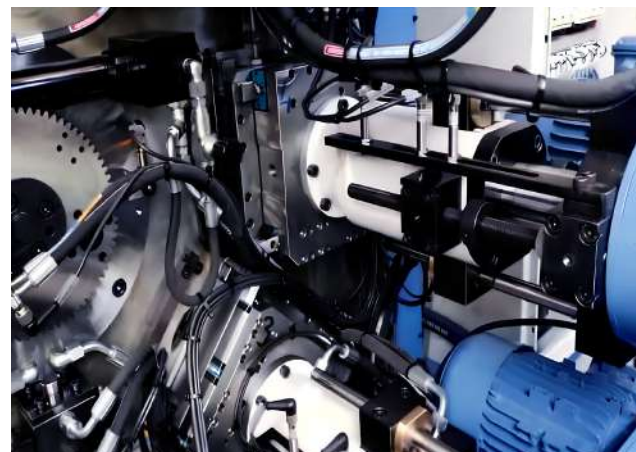
DOUBLE AXIS SLIDE SCREW UNIT



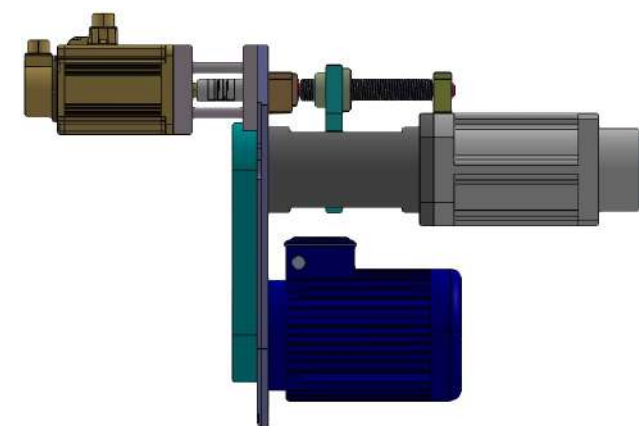
DOUBLE AXIS LONG STROKE SCREW UNIT



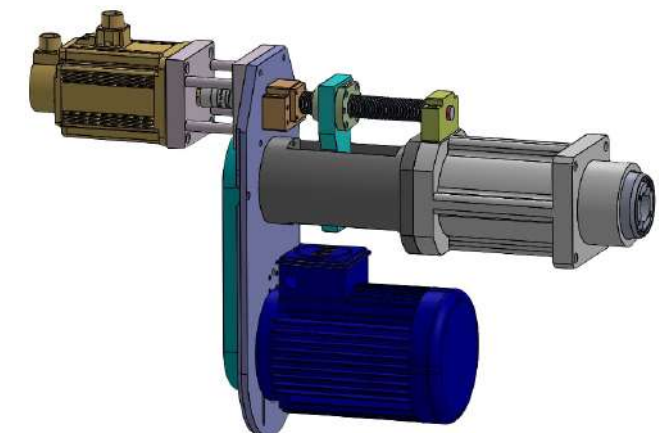
DOUBLE AXIS SLIDE LATHE UNIT



DOUBLE AXIS LONG STROKE LATHE UNIT



SERVO SCREW UNIT



SERVO LATHE UNIT

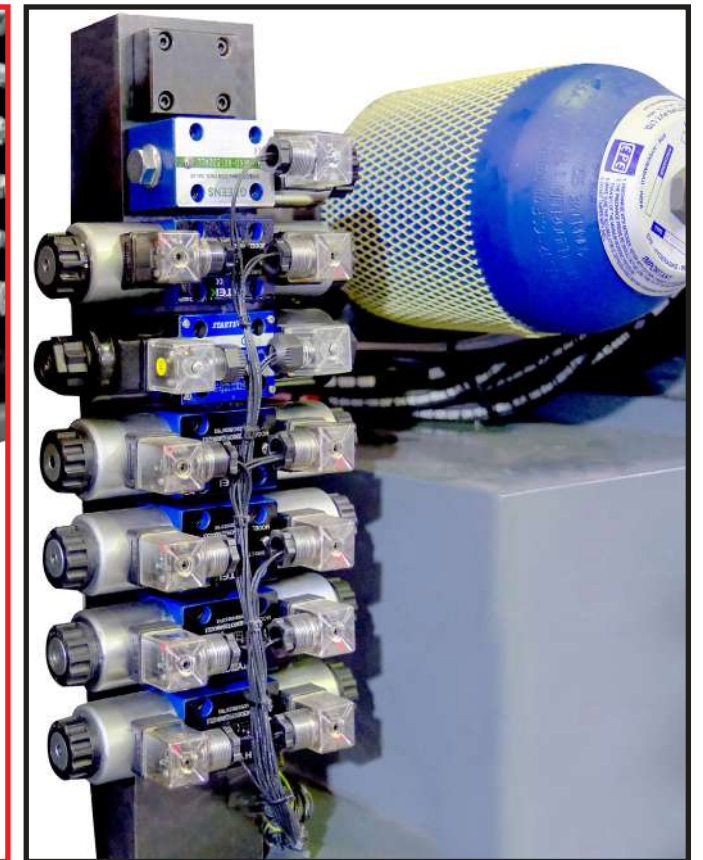
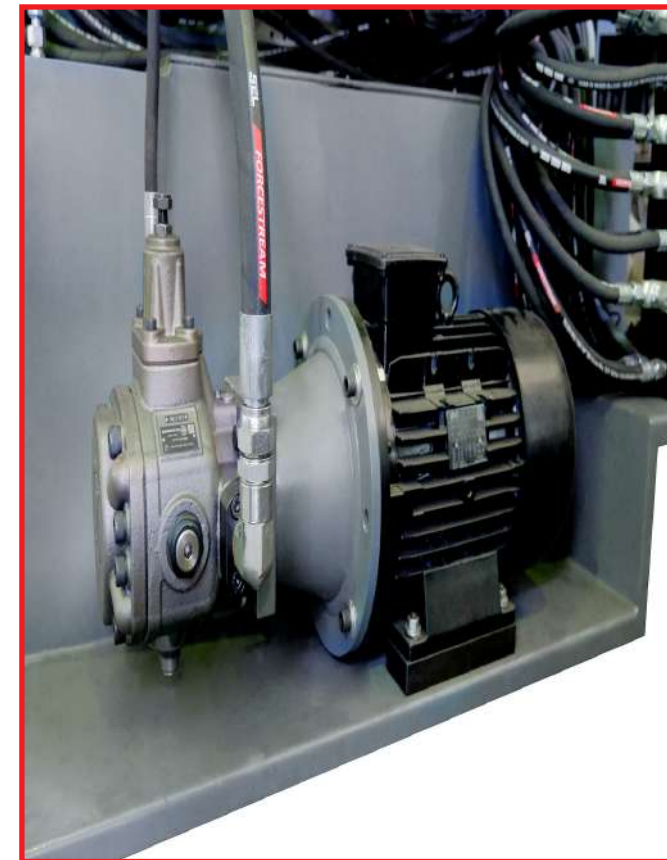
GENERAL TECHNICAL SPECIFICATIONS

- Turning, grooving, screw units: The unit spindle hammered cementa Mn16 Cr5 material is used.
- Unit spindle bearings are tapered and FAG and SKF brands are used.
- The main body of the unit is made of GG26 cast iron and after the turning process is finished, it is precisely grinding.
- GG26 cast iron casting material is used in the grooving unit.
- The electric motors used in our unit groups vary between 0.75 KW and 5.5 KW according to the product requirement.
- Our units rotate between 300 and 6000 RPM, fixed or variable.
- The stroke of our unit groups can be up to 110 mm.
- The stroke of our long unit groups can be up to 200 mm.
- The stroke of our slide unit groups is 40 mm.
- Hydraulic speed adjustment are used in our unit groups.
- Our unit groups operate at pressures between 40 and 60 BAR.

GENERAL TECHNICAL SPECIFICATIONS

Hydraulic Components Technical Specifications:

- Hydraulic pump 40cm³ variable flow rate BERARMA brand is used.
- 180 Lt oil filter is used in our hydraulic tank.
- Flow in our hydraulic tank is provided by honed shafts.
- Cooling fan is used in our hydraulic system.
- 4 Lt hydraulic accumulator is used in our hydraulic system.
- 4/2 and 4/3 position valves are used in our hydraulic systems.
- The seals used in our drum and unit groups are KASTAŞ brand and NUTRING seals are used.
- Hydraulic hoses can operate between 180- 225 pressure.



GENERAL TECHNICAL SPECIFICATIONS
Electronic Components Technical Specifications:

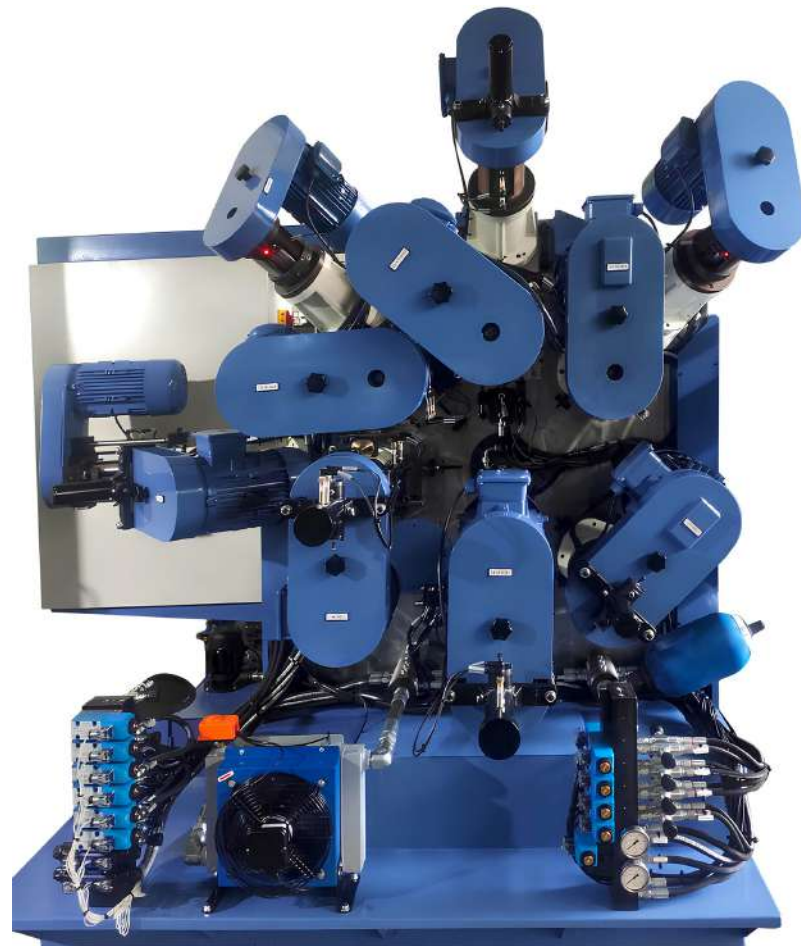
- Our machine works with 380V AC.
- Touchscreen 10" KINCO screen is used in our automation system.
- M12 sensors and sensor cables are used in our automation system.
- Our machine is PLC controlled and DELTA brand PLC is used.
- ALLEN-BRADLEY drives are used in our automation system.
- Switchgear materials used in our automation system are SCHNEIDER brand.


GENERAL TECHNICAL SPECIFICATIONS

- The body of our machine is made of 40mm thickness ST52 quality steel.
- The base sheet is made of ST52 quality material by welding each other with a thickness of 8mm, side sheets 6mm.
- Our hydraulic desktop machine uses a 14cc gear pump.
- 140 Lt filter is used in our hydraulic desktop machine.
- Oil flow in our hydraulic desktop machine is provided by hydraulic hoses
- The jaw system is made of 4140 steel group material.
- The tool holder is our own production and is made of 1040 manufacturing steel material.



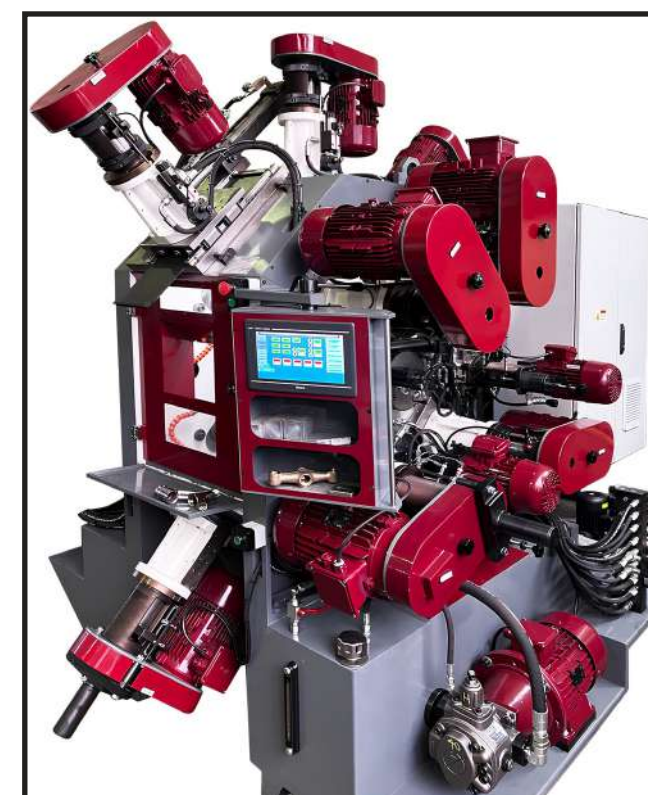
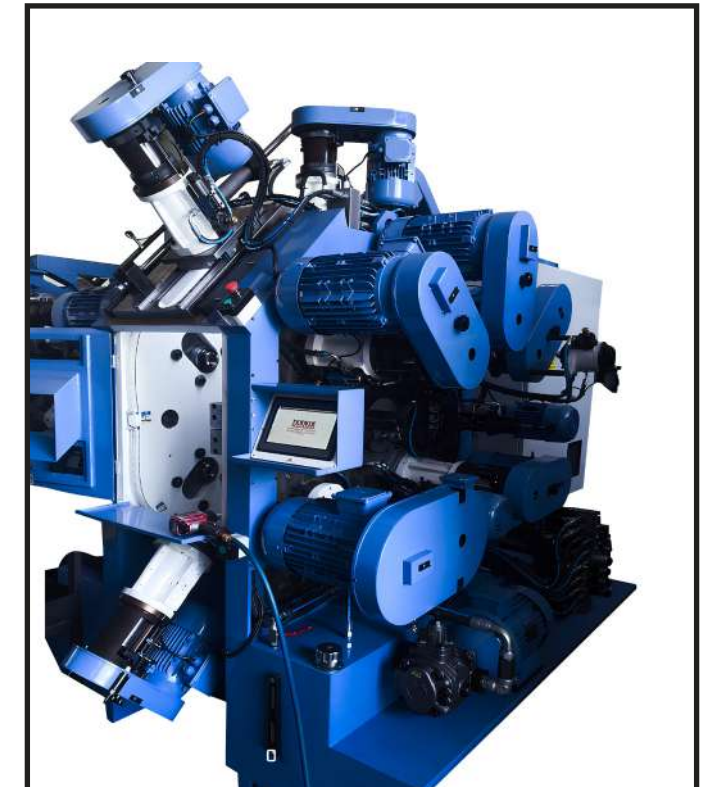
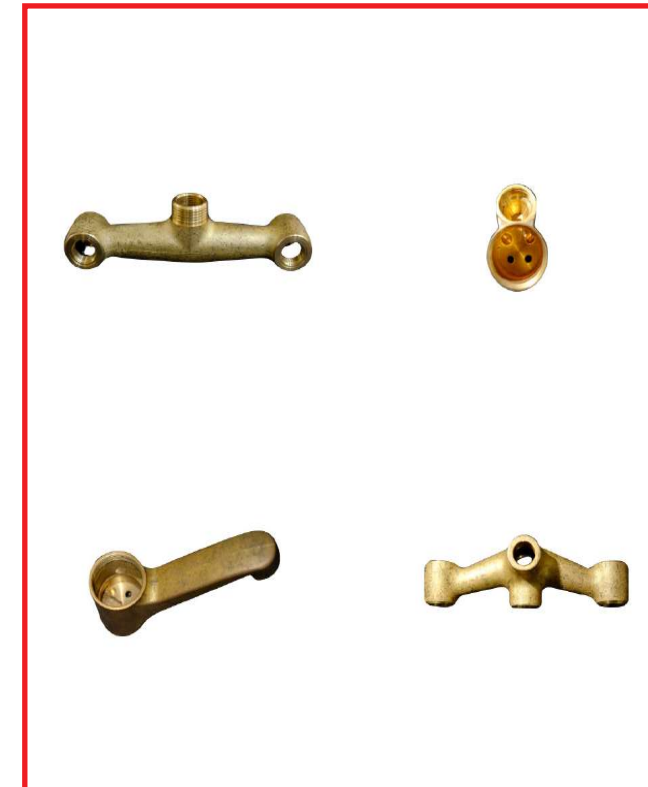
SWAN BATH TRANSFER MACHINE



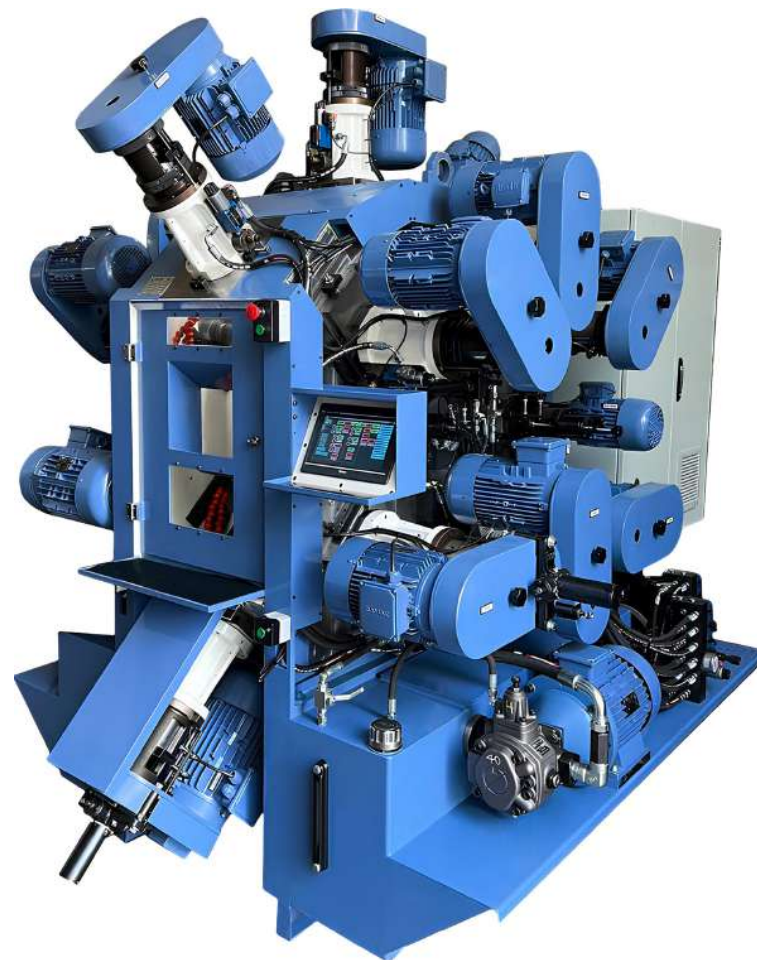
NUMBER OF LATHE UNITS 8	NUMBER OF SCREW UNITS 2	NUMBER OF SLIDE LATHE UNITS 4	NUMBER OF SLIDE SCREW UNITS 2
CHIP CONVEYOR YES	ELECTRIC MOTORS POWER 42kW	PROCESSING TIME 10 sn	MACHINE WEIGHT 6 TON
HYDRAULIC PRESSURE 60 BAR	GEAR PRESSURE 40 BAR	JAW PRESSURE 40 BAR	7 JAW PRESSURE 40 BAR

The machines can be revised according to customer requirements and needs.

SWAN BATH TRANSFER MACHINE



SWAN BATH WASHBASIN TRANSFER MACHINE



NUMBER OF
LATHE UNITS
9

NUMBER OF
SCREW UNITS
6

NUMBER OF SLIDE
LATHE UNITS
6

NUMBER OF SLIDE
SCREW UNITS
2

CHIP CONVEYOR
YES

ELECTRIC MOTORS
POWER
65 kW

PROCESSING TIME
10-18 sn

MACHINE WEIGHT
6 TON

HYDRAULIC
PRESSURE
60 BAR

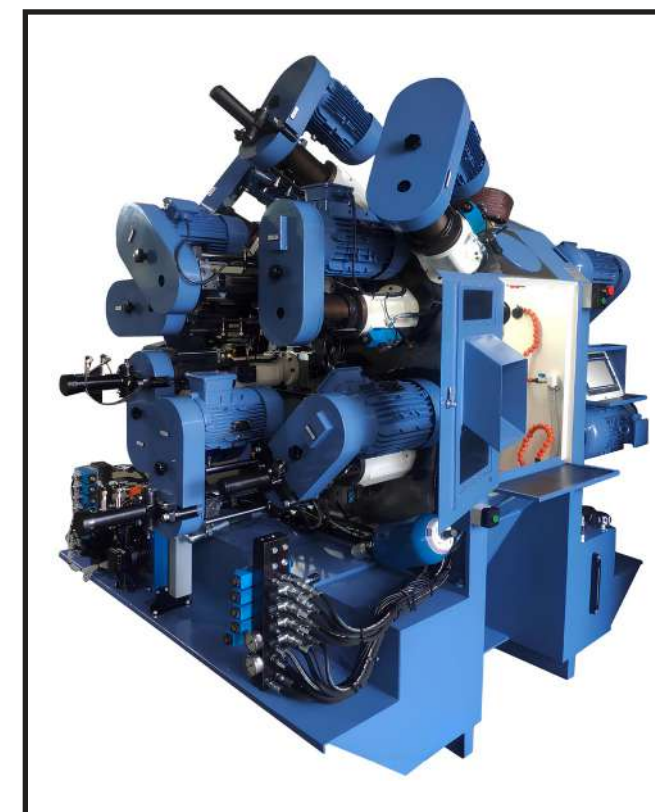
GEAR PRESSURE
40 BAR

JAW PRESSURE
40 BAR

7 JAW PRESSURE
40 BAR

The machines can be revised according to customer requirements and needs.

SWAN BATH WASHBASIN TRANSFER MACHINE



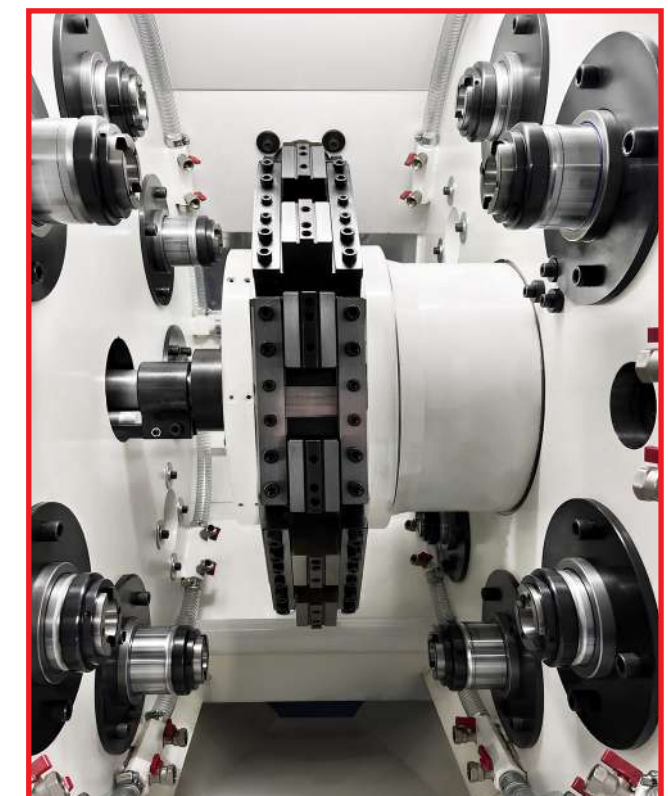
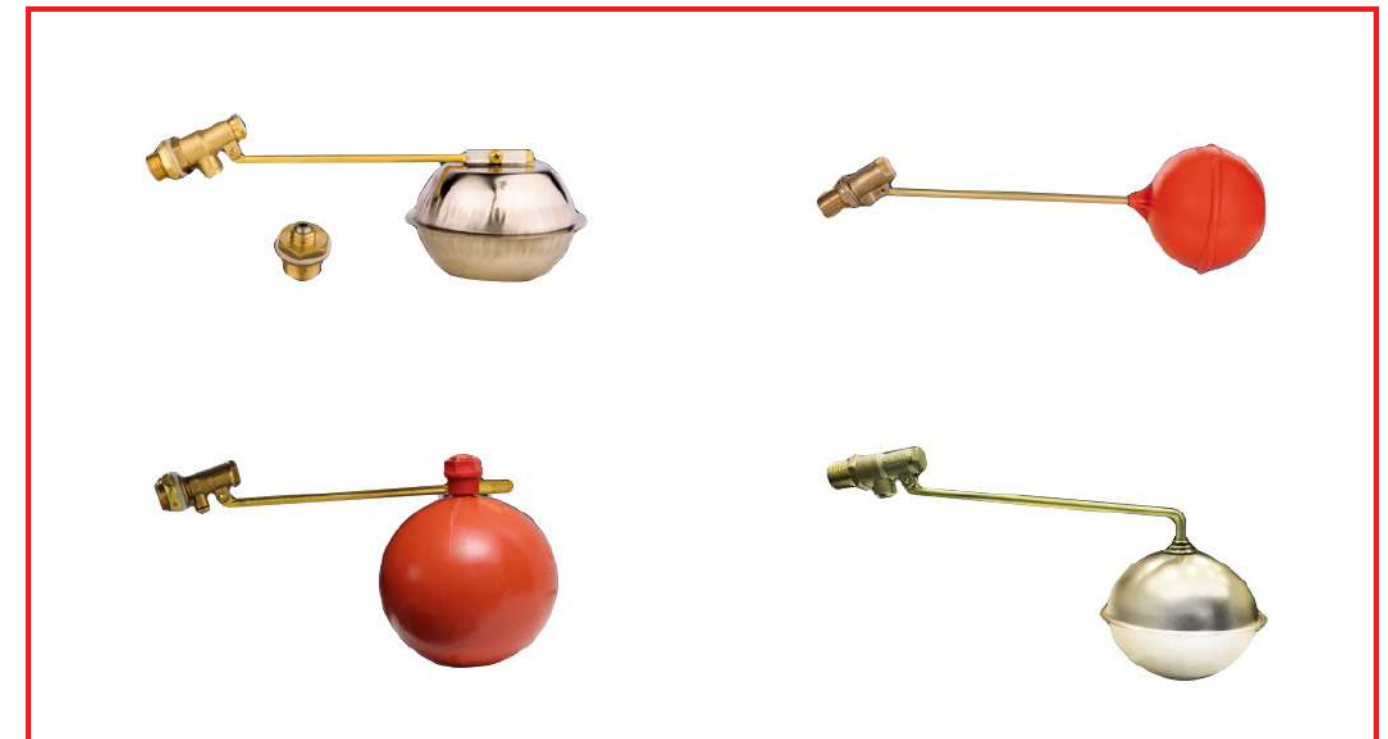
FLOATER TRANSFER MACHINE



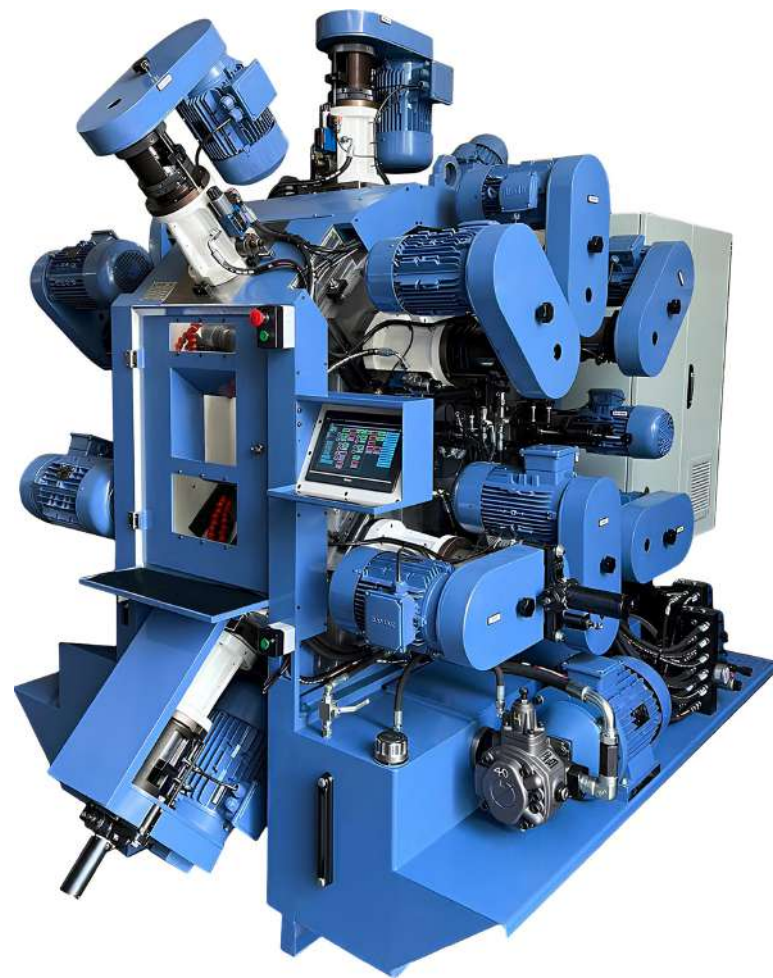
NUMBER OF LATHE UNITS 8	NUMBER OF SCREW UNITS 3	NUMBER OF SLIDE LATHE UNITS 1	NUMBER OF SLIDE SCREW UNITS 1
SAW (SLITTING) NUMBER OF UNITS 1	NUMBER OF GROOVING UNIT 1	CHIP CONVEYOR YES	ELECTRIC MOTORS POWER 37 kW
PROCESSING TIME 6 sn	MACHINE WEIGHT 5 TON	HYDRAULIC PRESSURE 60 BAR	GEAR PRESSURE 40 BAR
	JAW PRESSURE 40 BAR	7 JAW PRESSURE 40 BAR	

The machines can be revised according to customer requirements and needs.

FLOATER TRANSFER MACHINE



CLASSIC BATH TRANSFER MACHINE



NUMBER OF
LATHE UNITS
8

NUMBER OF
SCREW UNITS
7

CHIP
CONVEYOR
YES

ELECTRIC MOTORS
POWER
42 kW

PROCESSING TIME
8 sn

MACHINE WEIGHT
5 TON

HYDRAULIC
PRESSURE
60 BAR

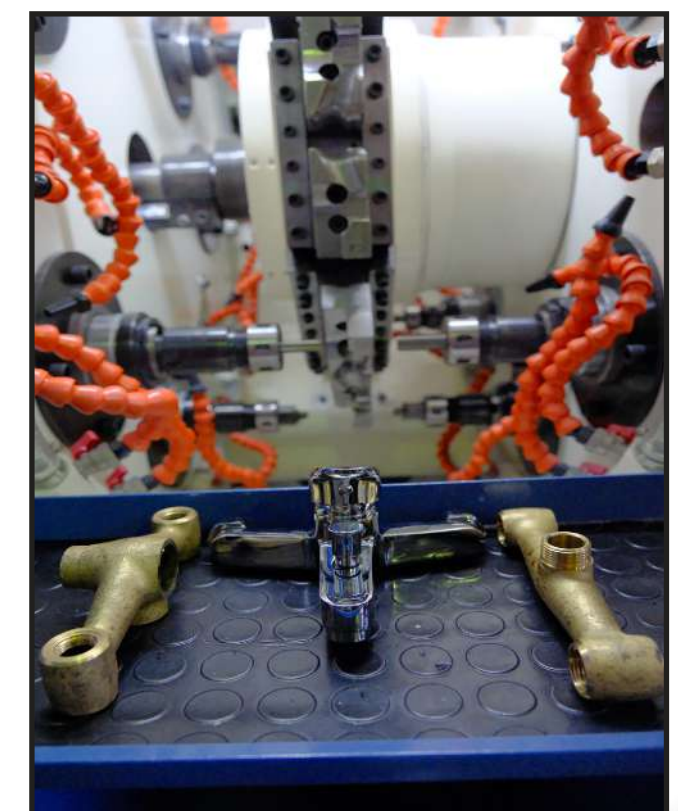
GEAR PRESSURE
40 BAR

JAW PRESSURE
40 BAR

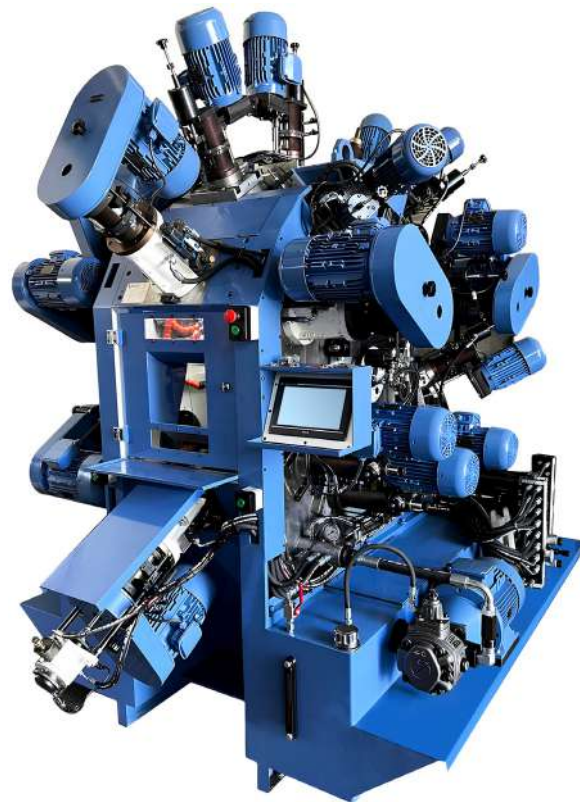
7 JAW PRESSURE
40 BAR

The machines can be revised according to customer requirements and needs.

CLASSIC BATH TRANSFER MACHINE



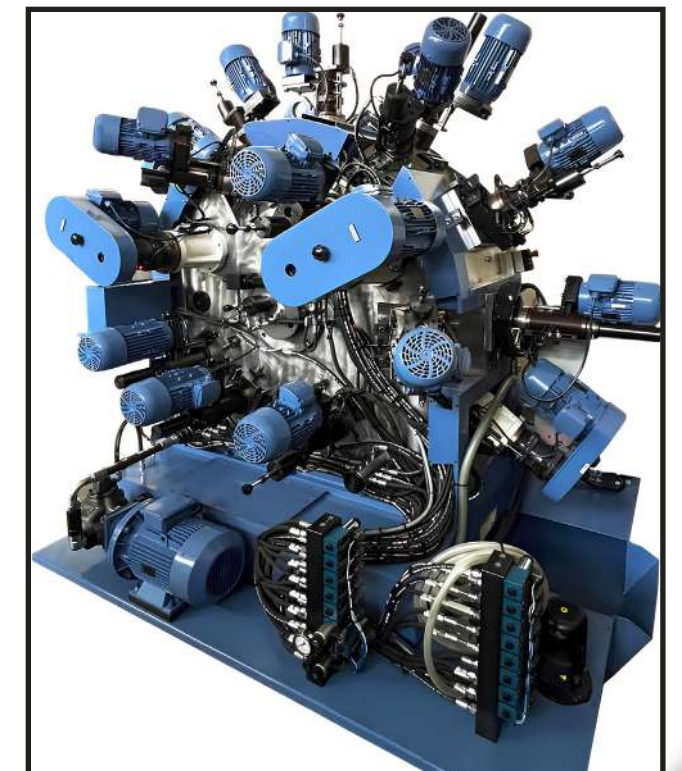
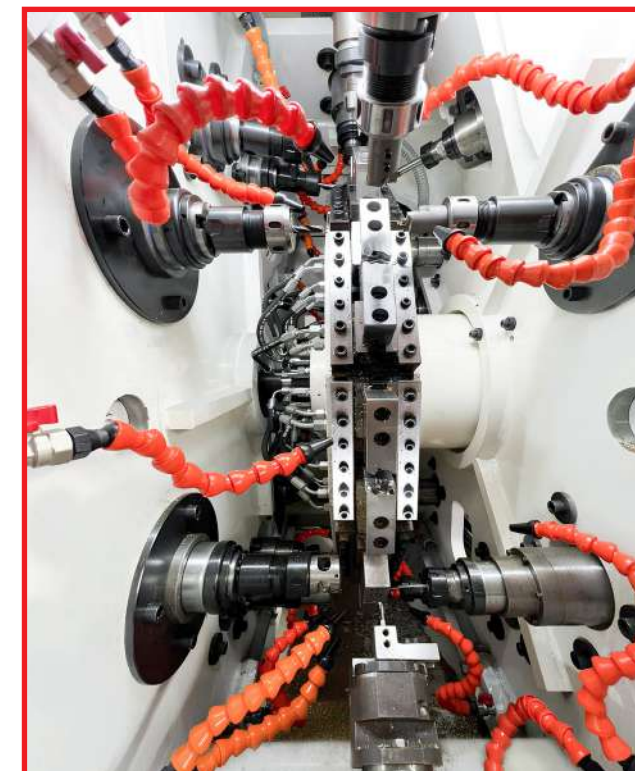
GAS VALVE TRANSFER MACHINE

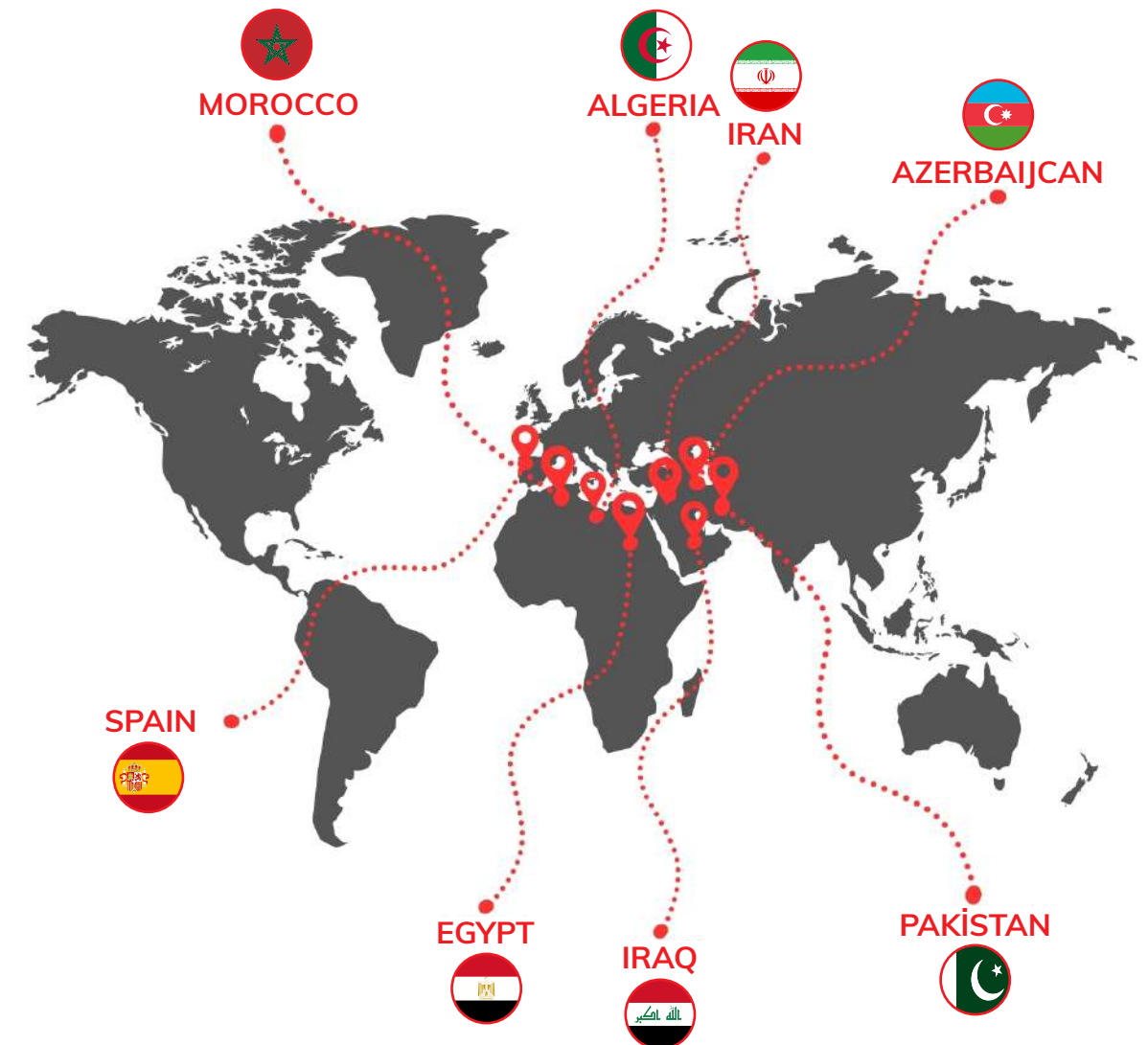


NUMBER OF LATHE UNITS 16	NUMBER OF SCREW UNITS 5	NUMBER OF SLIDE LATHE UNITS 1	NUMBER OF SLIDE SCREW UNITS 1
NUMBER OF GROOVING UNIT 1	CHIP CONVEYOR YES	ELECTRIC MOTORS POWER 49 kW	PROCESSING TIME 8 sn
MACHINE WEIGHT 6,5 TON	HYDRAULIC PRESSURE 60 BAR	GEAR PRESSURE 40 BAR	JAW PRESSURE 40 BAR
7 JAW PRESSURE 40 BAR			

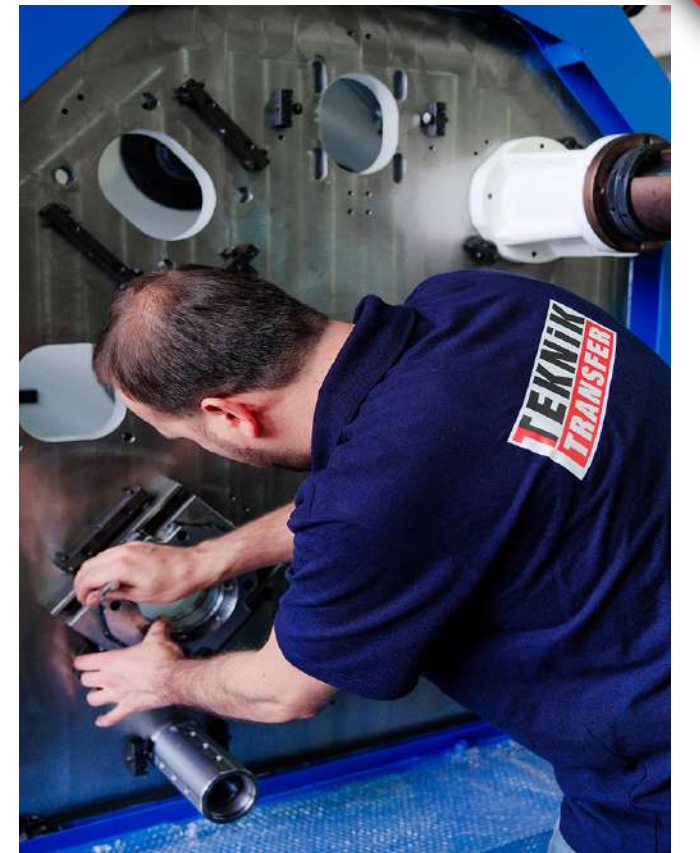
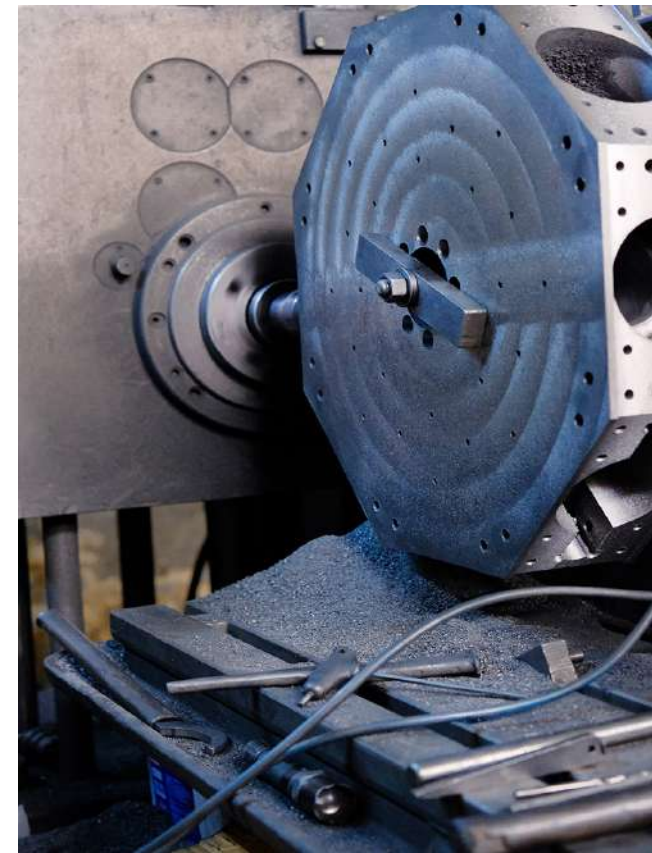
The machines can be revised according to customer requirements and needs.

GAS VALVE TRANSFER MACHINE





Teknik Transfer Makina serves dozens of customers at home and abroad.
Abroad, especially in Spain, Iran, Iraq, Egypt, Morocco, Algeria, Pakistan and Azerbaijan.
It exports to many countries such as.







TEKNİK TRANSFER

TRANSFER MAKİNALARI SAN. VE TİC. LTD. ŞTİ.



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