



*Alternative Production*



The Best Cleaning Technology in  
Stainless Steel

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## ABOUT US

Our company produces engine reconditioning machines since 1990. Mü -Teks , which also led to its competitors and has pioneered the development of the sector in Turkey.

Our company designs with each machine user requests to consider keeping R & D efforts, that every new feature meets the different needs, therefore our products quality, with attention to practical use and performance, are shown in particular attention to the safety issues of machine code division multiplexed channels of machines, with quality It has now become a well-known brand in many countries all over Turkey and the world. Since 1990, our continuously growing export line is an indication of this. Our machines today, as well as Western countries, the Far East are even exported to the market. renewing our business technology and human resources, our company has the total quality management certificate, while in 2010, with CE certification, has proven its quality. The investment in any condition to this day its inception, our company self-rule, we will then factor in the effort to better serve you and provide more excellent products.

- According to your request , draw pictures and drawing machine technology available to you.
- CNC laser cutting machine tools in the millimeter as the plate is made of steel. CNC press brakes with 0% tolerance in cutting - bending operations are performed.
- Manuel and the robotic welding , assembly process specialist staff under the leadership of the parts is carried out.
- Preform sealing by using various chemical agents are tested. Of our own staff and other manufactured pump is mounted in the evening .
- Testing, quality control, power and pressure tests applying delivered seamlessly to the user 's machine is provided.
- Product packaging or boxes to operation after this stage is achieved. Once they have shipped to your address, expert personnel on-site installation process is achieved .

## OUR ACTIVITY AREAS

- Automotive industry
- Shipbuilding industry
- Metal industry
- Food industry
- Aircraft industry
- Military industry
- Coating industry





CODE	MY-100
Machine Dimensions	900 x 600 x 1100 mm
Tank Capacity	30 lt
Load Weight	50 kg
Electric	220 V 50 Hz
Body Structure	AISI Chrome
Heater	2,5 kw
Parts Washing Brush	Standart



**MY-120**

Part Washing Machine



CODE	MY-120
Machine Dimensions	1450 x 550 x 1100 mm
Tank Capacity	55 Lt
Heater	2,5 kw
Electric / Phase	220 V / 50 hz
Thermostat	0-80 oC
Parts Washing Brush and Valve	Standart
Body structure	AISI Chrome
Cover Opening System	Shock Absorber



# MY-180A/180/200

## Part Washing Machine

CODE	MY-180A	MY-180	MY-200
Dimensions Working Area	800 x 550 mm	950 x 650 mm	1100 x 700 mm
Pump Pressure	Max 80 bar	Max 80 bar	Max 80 bar
Pump Power and Piece	3 hp X1 Adet / Piece	3 hp X1 Adet / Piece	3 hp X1 Adet / Piece
Pump	MÜ-TEKS	MÜ-TEKS	MÜ-TEKS
Heater	2,5 x1 kw	2,5 x 2 kw	2,5 x 2 kw
Electric / Phase	380 V / 3	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER	ABB & SCHNEIDER
Washing and Air Guns	Standart	Standart	Standart
Thermostat	0-120 oC	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome	AISI Chrome
Tank Capacity	60 lt	90 lt	120 lt
Discharge Valve	Standart	Standart	Standart
Lighting	Standart	Standart	Standart
Door Opening System	Shock Absorber	Pneumatic-Steel	Pneumatic-Steel





CODE	YM-650
Machine Dimensions	850 x 650 x 1000 mm
Basket Diameter	550 mm
Loading Height	350 mm
Basket Capacity	150 kg
Pump Power and Piece	aprx. 3 hp x 1 adet/ piece
Heater	5 kw
Electric / Phase	220 V
Timer	0-30 dk/min.
Thermostat	0-120 oC
Body Structure	AISI Krom (AISI Chrome)
Tank Capacity	45 lt

**YM-850/1000**

Part Washing Machine



CODE	YM-850	YM-1000
Machine Dimensions	1200 x 850 x 1100 mm	1350 x 1000 x 1150 mm
Basket Diameter	750 mm	900 mm
Loading Height	380 mm	450 mm
Basket Capacity	200 kg	300 kg
Pump Power and Piece	aprx. 3 hp x 1 Piece	aprx. 3 hp x 1 Piece
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Heater	7,5 kw	7,5 kw
Electric / Phase	380 V / 3	380 V / 3
Timer	0-30 dk/mn.	0-30 dk/mn.
Thermostat	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome
Body Structure	70 lt	100 lt

## YM-1250

### Part Washing Machine

CODE	YM-1250
Machine Dimensions	1650 x 1250 x 1400 mm
Basket Diameter	1100 mm
Loading Height	600 mm
Basket Capacity	440 kg
Pump Power and Piece	aprx. 3 hp x 1 Piece
Pump Structure	Stainless Stell - Ceramic Seal
Heater	15 kw
Electric / Phase	380 V / 3
Timer	0-30 dk/mn.
Thermostat	0-120 oC
Body Structure	AISI Chrome
Tank Capacity	180 lt
Loading Vehicle	Including



## YM-1500A

### Part Washing Machine



CODE	YM-1500A
Machine Dimensions	1850 x 1500 x 1550 mm
Basket Diameter	1350 mm
Loading Height	700 mm
Basket Capacity	650 kg
Pump Power and Piece	aprx. 3 hp x 2 Piece
Pump Structure	Stainless Stell - Ceramic Seal
Heater	15 kw
Electric / Phase	380 V / 3
Timer	0-30 dk/mn.
Thermostat	0-120 oC
Body Structure	AISI Chrome
Tank Capacity	200 lt
Loading Vehicle	Including



Washing  
Drying  
Rinsing



Pneumatic  
Screen  
(PLC)



CODE	YM-1250P	YM-1500
Machine Dimensions	1650 x 1250 x 1700 mm	1750 x 1500 x 1900 mm
Basket Diameter	1100 mm	1350 mm
Loading Height	600 mm	700 mm
Basket Capacity	440 kg	650 kg
Pump Power And Piece	aprx. 3 hp x 1 Piece	aprx. 3 hp x 2 Piece
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Pump	MUTEKS	MUTEKS
Heater	2x7,5 kw	2x7,5 kw
Electric / Phase	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER
Thermal And Engine Protection	Standart	Standart
Timer	0-30 dk/min.	0-30 dk/min.
Thermostat	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome
Tank Capacity	180 lt	240 lt
Supply and Discharge Valve	Standart	Standart
Loading Vehicle	Standart	Standart
Door Opening System	Pneumatic - Steel	Pneumatic - Steel
Loading Vehicle	Including	Including



# YM-1750/2000/2250

## Part Washing Machine



CODE	YM-1750	YM-2000	YM-2250
Machine Dimensions	2100 x 1750 x 2000 mm	2350 x 2000 x 2100 mm	2600 x 2250 x 2100 mm
Basket Diameter	1600 mm	1850 mm	2100 mm
Loading Height	800 mm	850 mm	900 mm
Basket Capacity	750 kg	1000 kg	1500 kg
Pump Power And Piece	aprx. 3 hp x 2 Piece	aprx. 3 hp x 2 Piece	aprx. 3 hp x 2 Piece
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Pump	MUTEKS	MUTEKS	MUTEKS
Heater	2x7,5 kw	3x7,5 kw	3x7,5 kw
Electric / Phase	380 V / 3	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER	ABB & SCHNEIDER
Termal And Engine Protection	Standart	Standart	Standart
Timer	0-30 dk/min.	0-30 dk/min.	0-30 dk/min.
Thermostat	0-120 oC	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome	AISI Chrome
Tank Capacity	380 lt	400 lt	450 lt
Supply and Discharge Valve	Standart	Standart	Standart
Loading Vehicle	Standart	Standart	Standart
Door Opening System	Pneumatic - Steel	Pneumatic - Steel	Pneumatic - Steel
Loading Vehicle	Including	Including	Including



CODE	YM-2500	YM-3000
Machine Dimensions	2850 x 2500 x 2100 mm	3500 x 3000 x 2600 mm
Basket Diameter	2300 mm	2850 mm
Loading Height	1000 mm	1150 mm
Basket Capacity	2000 kg	2500 kg
Pump Power And Piece	aprx. 3 hp x 3 Piece	aprx. 3 hp x 4 Piece
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Pump	MUTEKS	MUTEKS
Heater	30 kw	45 kw
Electric / Phase	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER
Termal And Engine Protection	Standart	Standart
Timer	0-60 dk/mn.	0-60 dk/mn.
Thermostat	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome
Tank Capacity	500 lt	650 lt
Supply and Discharge Valve	Standart	Standart
Loading Vehicle	Standart	Standart
Door Opening System	Pneumatic - Steel	Pneumatic - Steel
Loading Vehicle	Including	Including

# YM-1250M/1500M/1750M/2000M

## Part Washing Machine



CODE	YM-1250M	YM-1500M	YM-1750M	YM-2000M
Machine Dimensions	1650 x 1250 x 2000 mm	1750 x 1500 x 2100 mm	2100 x 1750 x 2100 mm	2350 x 2000 x 2100 mm
Basket Diameter	1100 mm	1350 mm	1600 mm	1850 mm
Loading Height	600 mm	700 mm	800 mm	900 mm
Basket Capacity	450 kg	650 kg	750 kg	1000 kg
Pump Power And Piece	aprx. 3 hp x 1 Piece	aprx. 3 hp x 1 Piece	aprx. 3 hp x 1 Piece	aprx. 3 hp x 1 Piece
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Pump	MUTEKS	MUTEKS	MUTEKS	MUTEKS
Heater	2x7,5 kw	2x7,5 kw	2x7,5 kw	3x7,5 kw
Electric / Phase	380 V / 3	380 V / 3	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER	ABB & SCHNEIDER	ABB & SCHNEIDER
Termal And Engine Protection	Standart	Standart	Standart	Standart
Timer	0-30 dk/min.	0-30 dk/min.	0-30 dk/min.	0-30 dk/min.
Thermostat	0-120 oC	0-120 oC	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome	AISI Chrome	AISI Chrome
Tank Capacity	180 lt	240 lt	380 lt	400 lt
Supply and Discharge Valve	Standart	Standart	Standart	Standart
Loading Vehicle	Standart	Standart	Standart	Standart
Door Opening System	Pneumatic - Steel	Pneumatic - Steel	Pneumatic - Steel	Pneumatic - Steel
Loading Vehicle	Including	Including	Including	Including



## SPECIAL DESING

### Part Washing Machine

CODE	
Machine Dimensions	Optional
Basket Diameter	Optional
Loading Height	Optional
Basket Capacity	Optional
Pump Power And Piece	aprx. 3 hp x Optional
Pump Structure	Stainless Stell - Ceramic Seal
Pump	MÜ-TEKS
Heater	Optional
Electric / Phase	380 V / 3
Electric System	ABB & SCHNEIDER
Termal And Engine Protection	Standart
Timer	0-60 dk/mn.
Thermostat	0-120 oC
Body Structure	AISI Chrome
Tank Capacity	Optional
Supply and Discharge Valve	Standart
Door Opening System	Pneumatic - Steel



# PY-200

## DPF / FAP /SCR Cleaner Machine



CODE	PY-200
Models	- BASIC - STANDARD - PREMIUM - ULTRA PREMIUM
External Dimension	2500 x 1100 x 2100
Floor Load Capacity	200 Kg
Tank Capacity	240 lt.
Power Supply	3 Ph + T+ N - Volt 380 / 400
Heater	15 kw
Body Structure	Stainless Steel
Options	Vapour extraction, liquid level sensor, tank insulation, differential automatic pressure, adapters, filter fixing mechanism water heating, touch screen, printer, manual washer with gun, cleaning with hot water, hot drying system

The touchscreen display shows 2 basic parameters to detect the filter condition and to set the cleaning cycle (washing and drying time) properly: the backpressure (mbar)  
When the cycle ends, it is possible to compare the initial and the final parameters in order to verify the quality of the cleaning.

You can print the same data on a receipt (also sticker) and deliver it to the customer or stick it on the filter.

The worktop of PY-200 is made of a stainless steel grid which can bear up to 200 Kg of weight. During the cleaning cycle, the water flows through the hole placed under the stainless steel grid into an underlying tank and once filtered and purified it goes back in circle.

We integrated an adjustable platform on the Total System PY-200 model in order to enable the cleaning of the biggest and heaviest DPFs. The star-shaped disk where the filter stands goes up or down to fit the dimensions of the filter. The adjustable pneumatic arm keeps the filter still during the dispensation of water..

We equipped PY-200 Machine with specific filtering cartridges to collect the PM10 which comes out from the filter during the cleaning and to avoid the contamination of the water. In this way we can assure clean water for each cleaning cycle. There are 4 cartridges placed on one side of the machine inside stainless steel containers. The manometer on the top of the containers shows the filling status of the cartridges: when the level of collected PM10 reaches the limit value, you need to replace them.

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## PDY-400/800/1000

Part Washing Machine



**AGITATION  
PLATFORM  
MACHINE**



CODE	PDY-400	PDY-800	PDY-1000
Loading Capacity	400 kg	800 kg	1000 kg
Platform	900 x 700 mm	1100 x 700 mm	1300 x 900 mm
Tank Material	AISI Chrome	AISI Chrome	AISI Chrome
Solution Volume	800 lt	1200 lt	1900 lt
Solution Depth	800 mm	900 mm	1100 mm
Control	PLC	PLC	PLC
Platform Movement	400 mm by Pneumatic piston	500 mm by Pneumatic piston	700 mm by Pneumatic piston
Temperature Ranges	20 - 90 C	20 - 90 C	20 - 90 C
Control Voltage	24 Volt Dc.	24 Volt Dc.	24 Volt Dc.
Electric	380 v / 3 ph	380 v / 3 ph	380 v / 3 ph
Air Pressure	6 - 7 bar	6 - 7 bar	6 - 7 bar
Agitation	Adjustable Speed	Adjustable Speed	Adjustable Speed
Thermostat	0-120 oC	0-120 oC	0-120 oC
Body Structure	AISI Chrome	AISI Chrome	AISI Chrome
Tank Capacity	Optional	Optional	Optional
Discharge Valve	Standart	Standart	Standart
Cover Opening System	Pneumatic - Steel	Pneumatic - Steel	Pneumatic - Steel

**ULTRASONIC  
CLEANING  
MACHINE**

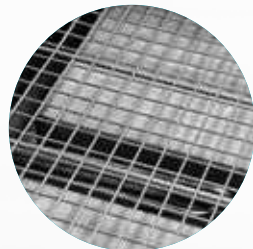


**ULY SERIES**

Part Washing Machine

MODEL	Tank Capacity	Ultrasonic Frequency	Power	Total Power	Tank Dimensions mm	Machine Dimensions mm
ULY-4	4 lt	28-40 Khz	400 W	500 W	137 x 240 x 150	150 x 250 x 400
ULY-6	6 lt	28-40 Khz	400 W	550 W	137 x 300 x 150	150 x 310 x 400
ULY-12	12 lt	28 Khz	550 W	750 W	240 x 300 x 200	250 x 310 x 400
ULY-18	18 lt	28 Khz	700 W	1000 W	300 x 329 x 200	310 x 340 x 400
ULY-28	28 lt	28 Khz	850 W	1200 W	300 x 505 x 200	310 x 315 x 450

**MULTI STATION  
ULTRASONIC  
CLEANING  
MACHINE**



CODE	ULY-600	ULY-800	ULY-900	ULY-1300
Internal Tank mm	600x450x450	800x500x500	900x650x650	1300x800x750
Internal Tank Capacity	200 Lt	300 Lt	500 Lt	720 Lt
Platform mm	550x300	750x400	850x500	1250x700
Platform Elevator	Optional	Optional	Standart	Standart
Automatic Cover	Optional	Optional	Standart	Standart
Loading Weight kg	75	150	350	550
Ultrasonic Power W <sub>eff</sub> /W <sub>peak</sub> Watts	750/1500	1500/3000	3000/6000	4500/9000
Frequency	27/40 khz	27/40 khz	27/40 khz	27/40 khz
Heater	15 kw	15 kw	15 kw	15 kw
Screen	Optional	Optional	Standart	Standart
Electric/Phase	220-380 v/3	220-380 v/3	220-380 v/3	220-380 v/3
Oil Separator	Not Available	Not Available	Standart	Standart
Liquid Level Control And Automatic Feeding System	Optional	Optional	Optional	Standart

## TYM SERIES

Conveyor Band Tunnel  
Part Washing Machine



CODE	TYM SERIES
Machine Dimensions	Optional
Cabinet Dimensions	Optional
Washing Line	Pre-washing / Washing / Rinsing Pure water rinsing
Drying Room and Fan	Optional
Pump Power And Piece	Optional
Pump Structure	Stainless Stell - Ceramic Seal
Pump	MUTEKS
Heater	Optional
Electric / Phase	380 V / 3
Electric System	ABB & SCHNEIDER
Band Safety	Standart
Termal and Engine Protection	Standart
Timer	0-90 dk/mn.
Thermostat	0-120 oC
Body Structure	AISI Chrome
Band and Chain Structure	AISI Chrome
Total Storage Volume	Optional
Loading System	Manual







## HY-200 / HY-280

### Spiral Drum Washing Machine



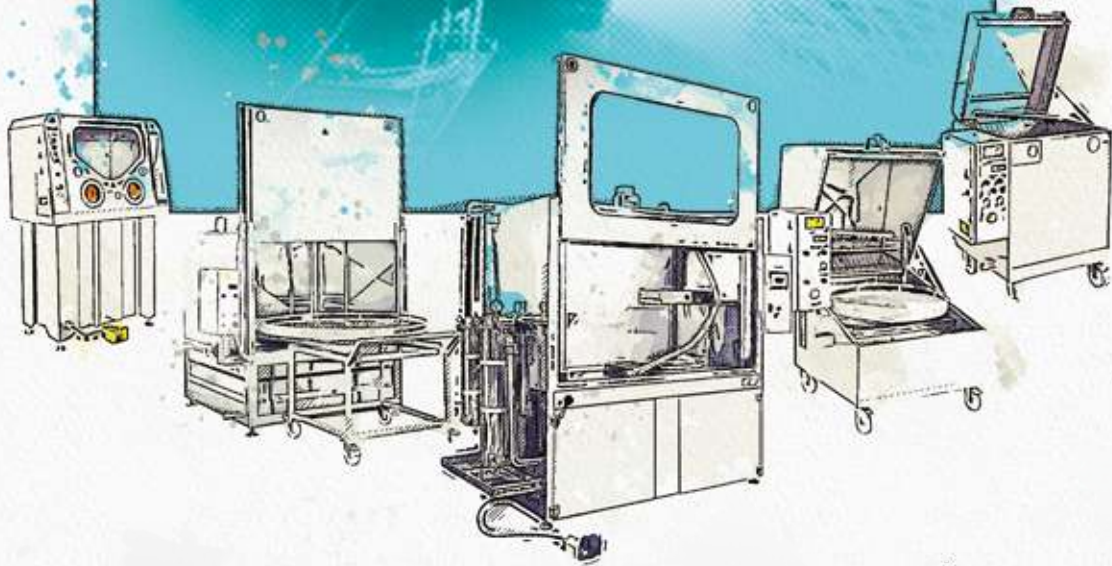
## SPIRAL DRUM WASHING MACHINE



CODE	HY-200	HY-280
Machine Dimensions	2000 mm	2800 mm
Drum Diameter	300 mm	400 mm
Loading Capacity	150 kg	250 kg
Tank Capacity	150 lt	250 lt
Temperature	0-90 °C	0-90 °C
Pump Structure	Stainless Stell - Ceramic Seal	Stainless Stell - Ceramic Seal
Pump	MUTEKS	MUTEKS
Heater	15 kw	15 kw
Electric / Phase	380 V / 3	380 V / 3
Electric System	ABB & SCHNEIDER	ABB & SCHNEIDER
Termal And Engine Protection	Standard	Standard
Tank Insulation	Standard	Standard
Drum Power	aprx.	aprx.
Body Structure	AISI Chrome	AISI Chrome
Filtration	2 stage	2 stage
Optional Features	Oil Separator - Disc Type Automatic Tank Discharge Unit Automatic Part Loading Precision Filtration Acidic Washing Application Steam Evacuation Unit Automatic Tank Filling Stainless Steel Chassis AISI304 Stainless Steel AISI316 Stainless Steel Dryer Tank Liquid Level Protection	



## Alternative Production



### OPTIONAL SPECIFICATION

OUR COMPANY MANUFACTURE PART WASHING MACHINE ACCORDING TO WHAT ALL KINDS AND ALL SPECIFICATION

- |                        |                          |                               |
|------------------------|--------------------------|-------------------------------|
| - Oil separator        | - Rinsing                | - Basket structure            |
| - Document screen      | - Water treatment system | - Nozzle piece                |
| - Insulation system    | - Steam discharge)       | - Automatic loading system    |
| - Precision filtration | - Body structure         | - Automatic feeding system    |
| - Drying               | - Pump piece             | - Liquid level control system |

## KT-1600/1800

Cylinder Head Test Machine With Water System



CODE	KT-1600	KT-1800
Machine Dimensions mm	2000 x 1050 x 1600	2000 x 1100 x 1800
Cylinder Head Length max	1100 mm	1250 mm
Cylinder Head Width	360 mm	420 mm
Cylinder Head Height	400 mm	450 mm
Weight	250 kg	350 kg
Tank Capacity	500 lt	700 lt
Heater	2x10 kw	2x10 kw
Thermostat	0-90 °C	0-90 °C
Electric / Phase	220 - 380 V/3	220 - 380 V/3
Net Weight Approx	550 kg	680 kg

- Quick and easy clamping system
- Hydraulic cradle lift for easy positioning of heavy cylinder
- Stainless steel tank with heat barrier heads.

## ST-99

Valve Grinding Machine



CODE	ST-99
Valve Grinding	4 - 12 mm and Bigger
Grinding Angle	15 - 50
Max Valve Length Overall	340 mm
Grinding Stone Size	175 x 35 mm
Grinding Stone Speed	2800 rpm
Electric / Phase	380 V 50 hz
Valve Rotating	14 rpm
Cooler	Standart
Grinding Aparatus	1410 mm
Weight	80 kg

## YTU-150/02

Superficies Grinding Machine



CODE	YTU-150/02
Machine dimensions	450 x 350 x 750 mm
Weight	40 kg
Stone engine	0,25 kw 2800 rpm
Magnetic	100 kw
Digital	0,01 mm Precision
Magnetic Rotary Table	Optional

## YTU-150/03

Superficies Grinding Machine



CODE	YTU-150/03
Machine Dimensions	900 x 350 x 800 mm
Weight	62 kg
Stone engine	0,25 kw 2800 rpm
Water engine	0,09 kw
Magnetic	100 kw
Digital	Precision
Magnetic Rotary Table	Optional

## YTU-150/04

Superficies Grinding Machine



CODE	YTU-150/04
Machine Dimensions	800 x 500 x 650 mm
Weight	82 kg
Stone engine	0,75 kw 2800 rpm
Water engine	0,09 kw
Magnetic	100 kw
Digital	0,01 mm Precision
Chuck Diameter	200 mm
Magnetic Rotary Table	Optional

## MACHINE TOOLS and APPARATUS



Chamber Control Aparatus / Vacuumtest (With Air)



Chamber Control Aparatus/Vacuumtest (With Electric)



Chamber Control Aparatus/Vacuumtest With Electric



Valve Spring Assembly and Diassambley Bench Apparatus



Grade Hogrings



Angel Sharpening Aparatus



Valve Chamber Grinding



Polishing Machine



Tire Removal Apparatus



Honing Head (Movable)



Honing Head (45-65 φ)



Honing Head (65-215 φ)



MÜ-TEKS Stones



Stone Mandrels and Pilot Shafts

**Quality  
& Trust**



**MUTEKS<sup>®</sup>**  
MACHINE TOOLS

# Alternative Production



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