Energy Trading Investment

MACHINERY SALES CATALOG

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Castro Ø 650 with traction without feeder

Class	between 1985 and 1992
Serial number	52

The **Castro Ø 650 with Traction without Feeder** is a lathe designed for precision turning of medium to large diameter cylindrical parts. It features a traction system for controlled workpiece or tool movement but requires manual feeding of materials. Its solid construction, reliable traction, and versatile tooling make it suitable for machining shafts, rollers, and other round components in various industrial applications.

Machine:

Circular saw Wagner (with a feeder) Ø500

Class	1975
Serial number	54

Circular Saw Wagner (with a Feeder) Ø500 is an industrial machine designed for precise cutting of various materials, most commonly wood, metal, or plastic, equipped with an integrated feeder system that automatically feeds the material to the saw blade.

Machine:

Drilling Oerlikon coordinates

Class	1965
Serial number	7

The **Drilling Oerlikon Coordinates** machine is a precise coordinate drilling machine intended for drilling accurately positioned holes on large and complex workpieces. With its stable frame, precise coordinate table, and reliable drilling system, this machine ensures high accuracy, repeatability, and efficiency in the production of tools, molds, and machine parts.

Machine:

Erozimat Sodic(EPOC-600)

Class	1986
Serial number	82

The Sodick EPOC 600 is a wire-cut EDM machine (Electrical Discharge Machining), manufactured by Sodick.

Purpose and Applications:

The EPOC 600 is used for:

- **High-precision cutting of hard materials**, such as hardened steel, carbide, titanium, tungsten, and copper.
- **Manufacturing of complex shapes** that are difficult or impossible to machine using conventional tools (mills, lathes, etc.).
- **Tool and die making**, **mold manufacturing**, aerospace components, and precision engineering.

Main components of the machine:

- **Electronic System**.
- **Worktable**
- **Electrodes**
- **Cooling Systems**
- **Control Panel**
- **Motion Systems (X, Y, Z Axes)**
- **Wiring and Conductors**

Advantages Over Other Machines:

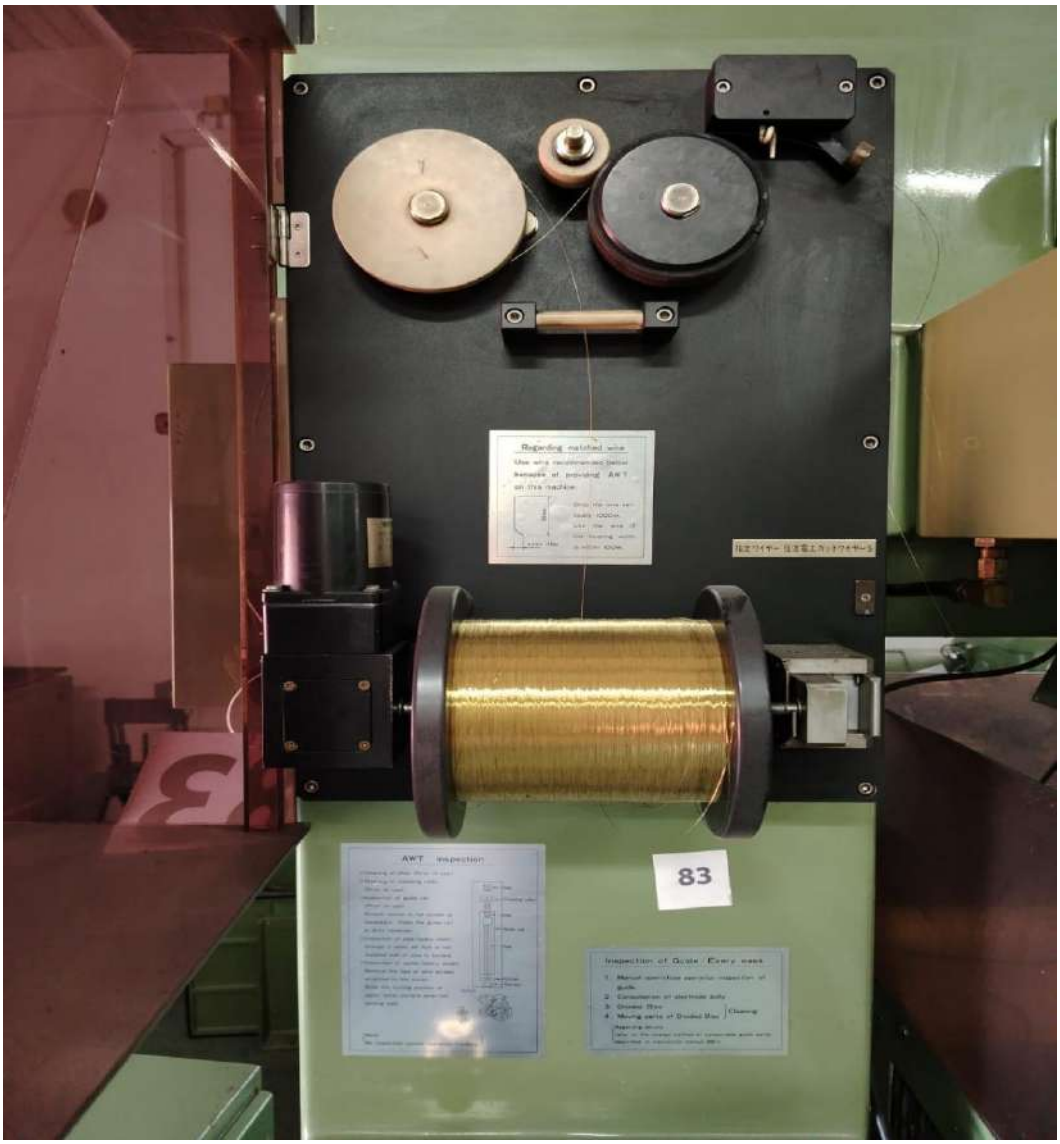
- **Ability to machine very hard materials**: EDM is ideal for materials with high hardness that cannot be machined with traditional methods.
- **Creative design possibilities**: The machine allows for the production of **complex and intricate shapes** that would be nearly impossible to achieve using conventional machining methods.

Machine:

Erozimat Sodic(EPOC-600)

Class	1986
Serial number	83

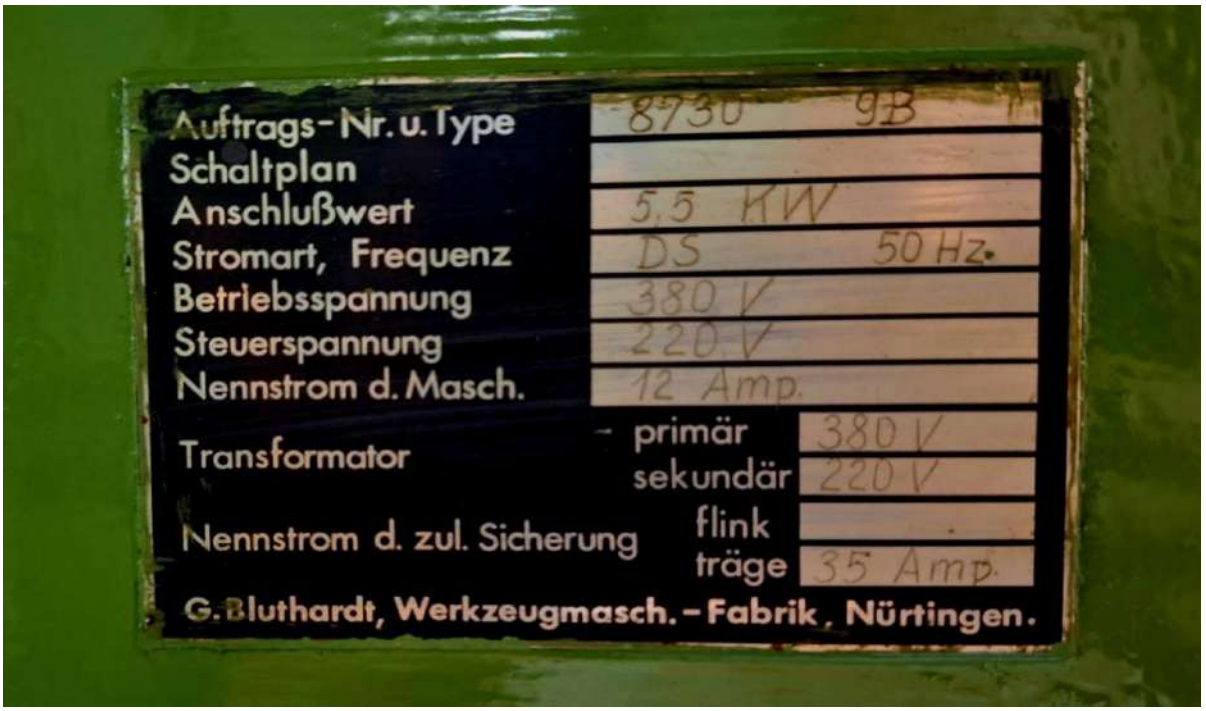
The Erozimat Sodic (Epoc-600) is a high-precision electrical discharge machine used to work with hard materials in industries that require fine details and complex shapes. With its advanced systems for control, cooling, and electrode movement, this machine enables micron-level accuracy, which is crucial for tool and mold manufacturing, as well as the production of components for high-tech applications such as aerospace, electronics, and medical devices.



Machine:

Grinder Bluthart Mk5(two-spindle head)

Class	1975
Serial number	8
Current type frequency	50Hz
Operating Voltage	380V
Control voltage	220V



The **Grinder Bluthart Mk5** with a **two-spindle head** is a **precision grinding machine** designed for:

- Simultaneous or alternating **external and internal cylindrical grinding**.
- High-efficiency **surface finishing** of metal components.
- Suitable for **mass production** or **toolroom operations**.
- Used in **automotive**, **aerospace**, and **precision engineering** industries.

Machine:

Grinder Hartex 650 universal inside 320mm

Purpose:

- **Internal cylindrical grinding** of precise bores (up to 320 mm depth).
- **External cylindrical and taper grinding** of shafts, pipes, and precision parts.
- Used for processing **hardened materials** and achieving high accuracy.
- Suitable for industries such as **machinery manufacturing**, **automotive**, **tool making**, and **maintenance workshops**.
- Designed for **finishing operations** requiring tight tolerances and smooth surface finishes.

Class	1960
Serial number	13
Type	RHO 620
Fabr. Nr.	1449 619

Machine:

Lathe VDF (deep drilling) Ø82

The **Lathe VDF** with **deep drilling function** Ø82 is a specialized lathe designed for machining and drilling deep holes with a large diameter (up to Ø82 mm) in metal or other solid materials. It is commonly used in industries such as mechanical engineering, hydraulic cylinder manufacturing, engine parts production, pipe fabrication, and other applications requiring precise internal machining at great depths.

Class	1970
Serial number	3

Machine:

Lathe VDF

Class	between 1968 and 1974
Serial number	1
Max turning length	3,5m
Max turning diameter	Ø700
Spindle bore	Ø82

Purpose:

- **Machining long and heavy rotating parts** (shafts, rollers, pipes)
- **Turning** external and internal cylindrical surfaces
- **Thread cutting**, **facing**, and **boring**
- Used in **heavy industry**, **oil & gas**, **marine**, and **machine building**
- The **Ø82 mm spindle bore** allows **long bars or tubes** to pass through the spindle

Main Components:

- Main Spindle Head
- Control Panel
- Carriage Assembly
- Leadscrew and Feed Rod
- Tailstock
- Lathe bed
- Follow Rest (optional)


VDI
Gebr. Boehringer GmbH.
Werkzeugmaschinenfabrik
Göppingen
GBG

Machine:

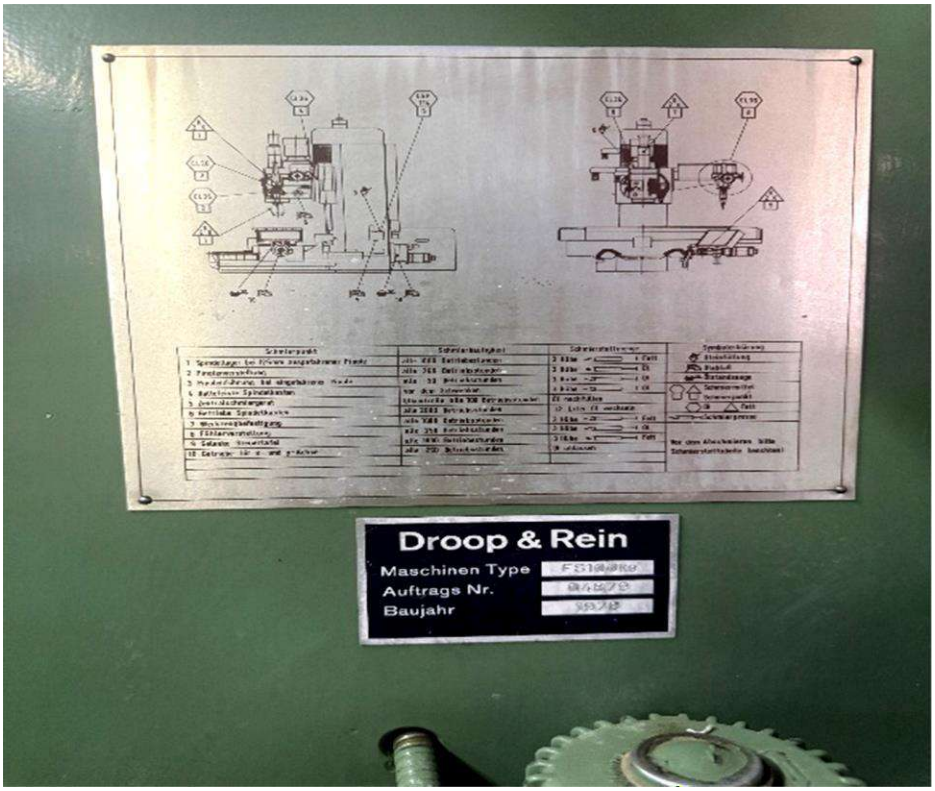
Milling Drop Rajn

Dimensions	1500x600x600
Class	1978
Serial number	5
Machine	FS100ke
Current type: Three-phase	50Hz
Operating Voltage	380V
Control voltage	42/60v
Rated current	85A
Circuit diagram	04879

The **Milling Drop Rajn** machine is a precise tool for milling and shaping complex forms on metal parts. It enables high-quality production of tools, machine parts, and molds, with the capability to handle workpieces of various sizes and shapes. The machine's composition includes a work table with precision guides, a spindle assembly for the cutting tool, a drive motor, a control panel, and cooling and lubrication systems.

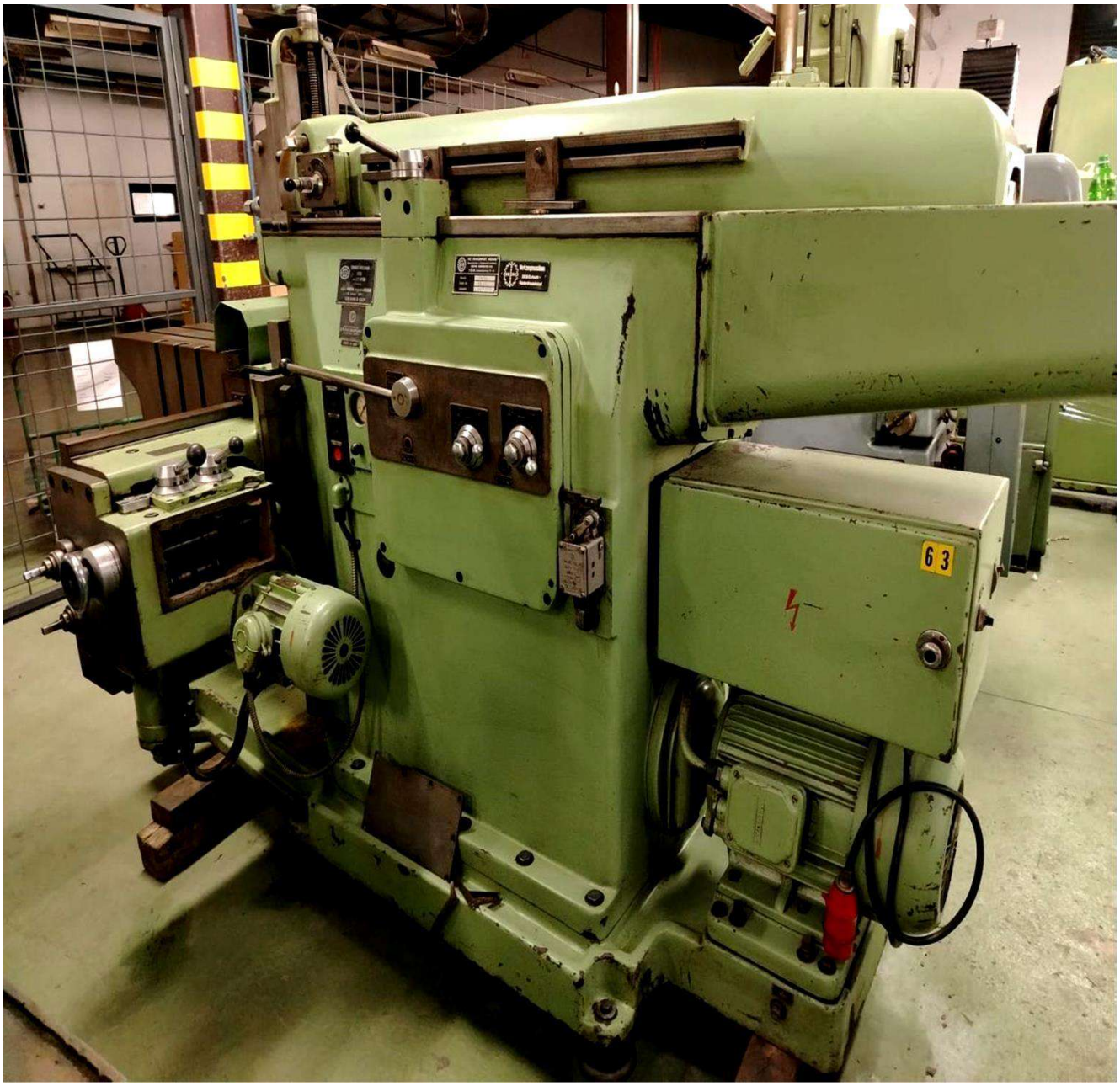
Composition of the Milling Drop Rajn Machine

1. **Machine Table**:
    - The working surface where the workpiece is mounted.
    - Usually equipped with a system for precise movement in multiple directions (X, Y, Z axes).
2. **Milling Head (Spindle Assembly)**:
    - Consists of the spindle where the milling cutter (cutting tool) is installed.
    - The spindle rotates the cutter at high speeds to machine the material.
3. **Drive System**:
    - Includes an electric motor that powers the spindle and allows speed adjustments.
4. **Moving Parts and Guides**:
    - Precision mechanisms that enable controlled and smooth movement of the table and tool in various directions.
    - Guide rails, bearings, and supports to ensure stability.
5. **Control Panel**:
    - The interface for the operator to set machine parameters such as speed, direction of movement, cutting depth, and more.
    - Can be manual or connected to CAD/CAM systems for automated machining.
6. **Cooling and Lubrication System**:
    - The machine is equipped with a system to cool the workpiece and milling cutter during operation to prevent overheating and extend tool life.

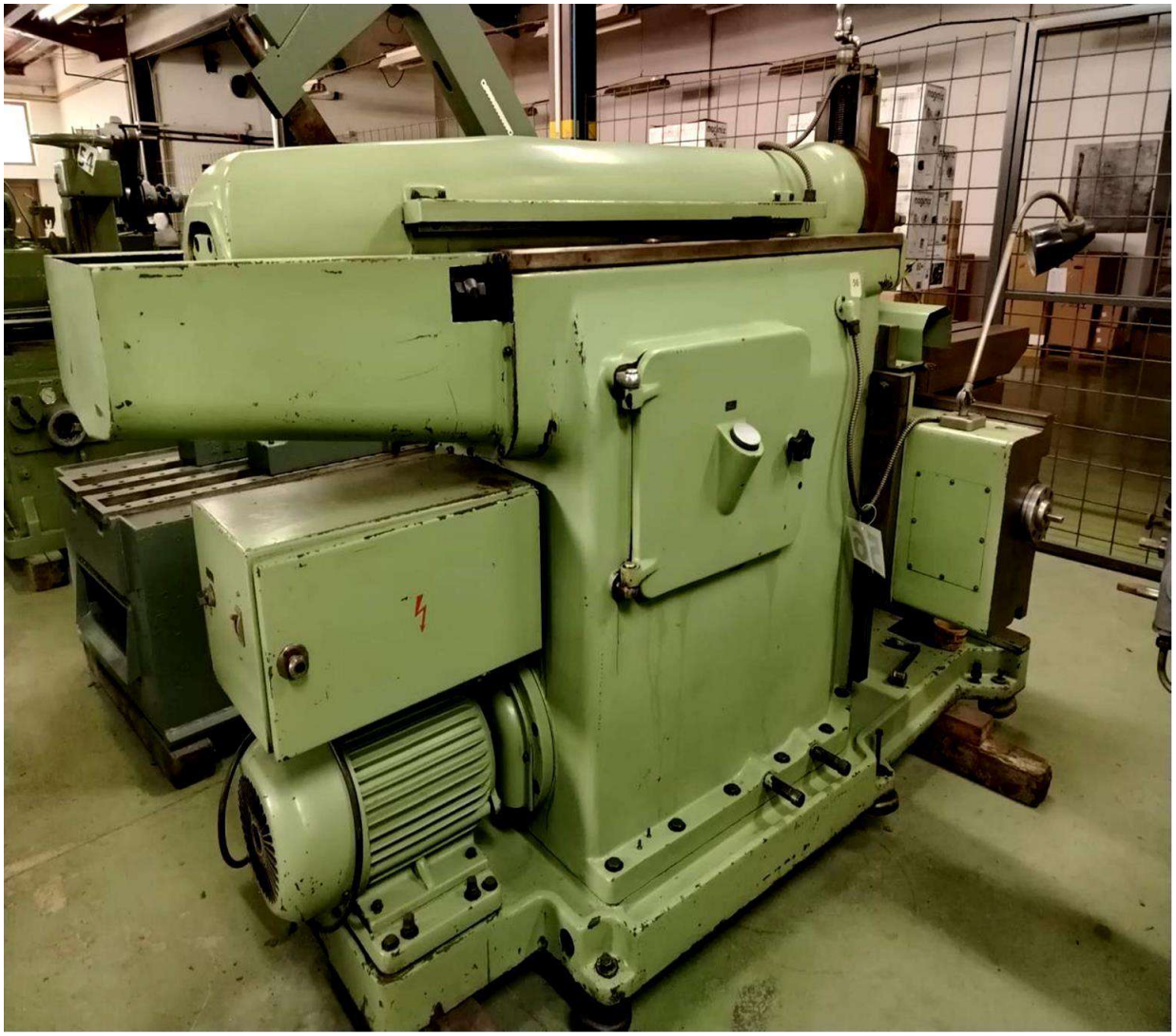


Machine:

Planer Heidenham



Class	1971
Serial number	56



Planer Heidenham machine is an industrial machine designed for precise machining of flat and large surfaces on wood, metal, or other materials. It enables leveling, material removal, and preparation of workpieces for further manufacturing processes.


ГОМЕЛЬ

Purpose

- **Precise machining of flat and large surfaces:**
  It is used for leveling, smoothing, and removing irregularities from large workpieces, preparing them for further processing or final use.
- **Achieving accurate dimensions:**
  Enables precise removal of material layers to bring the workpiece to desired thickness and width dimensions.
- **Industrial and manufacturing applications:**
  Ideal for use in industries such as woodworking, metalworking, and parts production where high precision and quality finishing are required.
- **Preparation of workpieces for subsequent processes:**
  By machining on the planer, workpieces obtain a flat and smooth surface necessary for easier painting, gluing, assembly, or other manufacturing steps.

Machine:

Planer Stanko 750mm

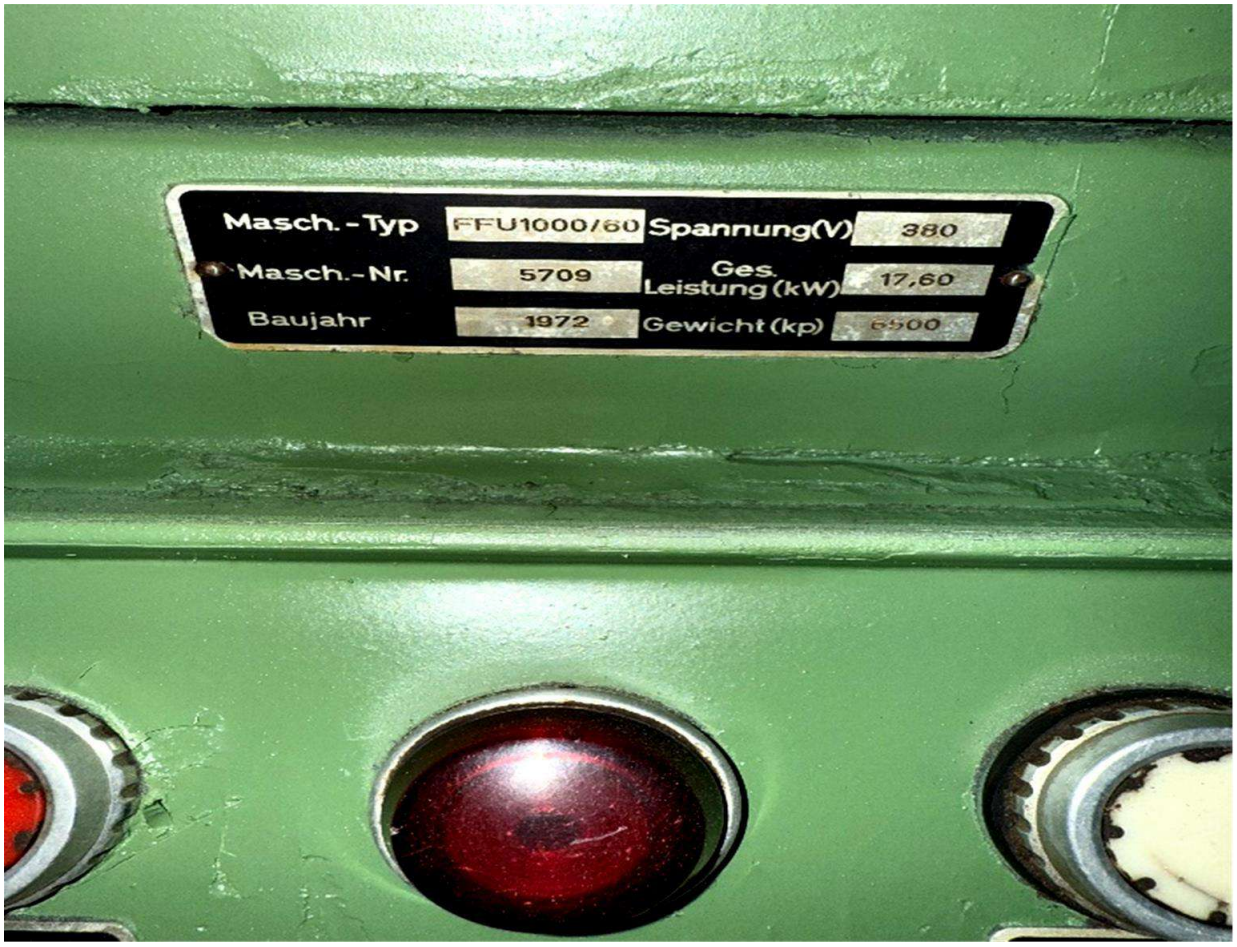
Class	1971
Serial number	55
Operating Voltage	380V
Control Voltage	220V
Frequency	50Hz

The Planer Stanko is a machine for precise machining of flat surfaces, enabling smooth, accurate, and uniform workpieces. With its reliable motor and quality cutting tools, this machine is indispensable in woodworking, metalworking, and various manufacturing processes.

Machine:

Sander ABA

Dimensions	1x500x600
Class	1972
Serial number	16
Machine Type	FFU1000/60
Machine No	5709
Voltage	380V
Power	17,60kW
Horsepower	65000



The **Sander ABA** is a sanding machine designed for finishing surfaces of various materials. With its robust construction, powerful motor, and sanding tool, this machine enables efficient and precise sanding, preparing parts for further manufacturing processes or final finishing.

Purpose:

1. **Surface sanding:**
    - The machine is used to remove roughness and irregularities from the surfaces of workpieces.
    - It enables achieving smooth and uniform surface finishes.
2. **Workpiece preparation:**
    - Prepares metal and other parts for painting, gluing, or other finishing processes.
    - Removes rust, paint, or residues from surfaces.
3. **Processing different materials:**
    - Suitable for sanding metals, wood, plastics, and other materials in industrial and workshop settings.

Machine:

Sander for octagon Fortuna

Class	from 1960 to 1980
Serial number	40
Working width	1000mm

Purpose:

This machine is used for grinding, sanding, and surface finishing of metal or wood components, particularly those with **octagonal or non-circular shapes**. It's ideal for furniture, shaft, pipe, or frame finishing in both production and repair settings.

Main Components:

- **Sanding belt unit** – mounted horizontally or vertically
- **Worktable / Support bed** – adjustable for height and angle
- **Drive motor and transmission** – powering the sanding belt
- **Dust extraction connection** – for cleaner operation
- **Control panel** – for operating speed, start/stop, emergency
- **Safety covers and guards**

Machine:

Sander mayer schmit

Class	between 1965 and 1975
Serial number	14
Voltage	220/380V
Rated current	14,5/8,4A
Power	4kW

The **Sander Mayer Schmit** is a precise sanding machine that allows high-quality finishing of surfaces made from various materials. With its stable frame, powerful motor, and quality sanding tools, this machine is suitable for a wide range of manufacturing and workshop applications.


SIEMENS-SCHUCKERT
D M OR 47 s -2 Nr 5988837
220/380 V Δ/Y 14,5/8,4 A
4 K.W. cos φ 0,86
2800 U/min 50 Per/s
V A

Machine:

Lathe VDF Prvomajski 1,5

Class	1981
Serial number	65
Type	D 480
Pr.	P 1924 0466 06
Voltage	380V
Frequency	50Hz

Specifications and Purpose:

The VDF Prvomajski 1.5 lathe is used in industrial settings for the machining of shafts, steel parts, bearings, rollers, and other components with precise dimensions.

The machine is suitable for various machining operations, such as:

- **Turning, cutting, and profile machining.**
- **Internal and external surface machining.**
- **Thread cutting.**
- **Machining of steel and metal components with high precision requirements.**

Composition of the Machine:

- **Lathe Bed**: The bed is made of **solid metal** construction to ensure stability during machining.
- **Spindle**: The spindle transfers rotation to the workpiece and is powered by an **electric motor**.
- **Tailstock and Headstock**: The tailstock holds one end of the workpiece, while the headstock supports the other end, with **precise adjustments** for positioning.
- **Control Unit**: The machine typically has a **manual or semi-automatic control system** for adjusting machining parameters such as speed, feed rate, and cutting depth.

Machine:

Weiler 160-1800Ø32

Class	between 1988 and 1992
Serial number	4
Inv. Nr	647005
Klass Nr.	01505

The **Weiler 160–1800 Ø32** is a **precision universal lathe** designed for:

- **Turning** external and internal cylindrical surfaces.
- **Facing**, **thread cutting**, **drilling**, and **boring**.
- Processing **shafts**, **flanges**, **housings**, and other rotational parts.

Technical Note:

- **Ø32** refers to the spindle bore diameter (32 mm), which determines the maximum bar size that can pass through the spindle.
- **1800 mm** is likely the **distance between centers**, meaning it can handle workpieces up to 1.8 meters in length.

Machine:

Grinder Aba 600x300 digital

Class	1983
Serial number	12
Machine type	FP-V60/30PC
Machine no.	207893
Voltage	380V
Power	38,0kW
Weight	3400kp

The **ABA 600x300 Digital** is a precision **surface grinding machine** used to produce flat, smooth, and dimensionally accurate surfaces on metal workpieces. It is commonly used in:

- Tool and die manufacturing
- Mold and gauge production
- Finishing of mechanical parts
- Precision workshops and maintenance departments
- Final surface finishing after milling or turning

Key Components:

- **Grinding Head:**
  Vertical spindle with abrasive wheel and coolant nozzle.
- **Work Table (600x300 mm):**
  Magnetic chuck with X and Y axis movement (manual/automatic).
- **Digital Readout (DRO):**
  Displays position for X, Y, Z axes (model Z-003).
- **Control Panels:**
  – Left: Manual controls for axis movement, spindle, coolant.
  – Right: Main console with grinding cycle settings and emergency stop.
- **Coolant System:**
  Integrated piping for cooling during grinding.

Machine:

Lathe VDF L-3000

Class	1977
Serial number	2
Maximum turning length	3000 mm
Swing over bed	Ø700 mm
Spindle bore	Ø82 mm (allows bar/tube feeding through spindle)

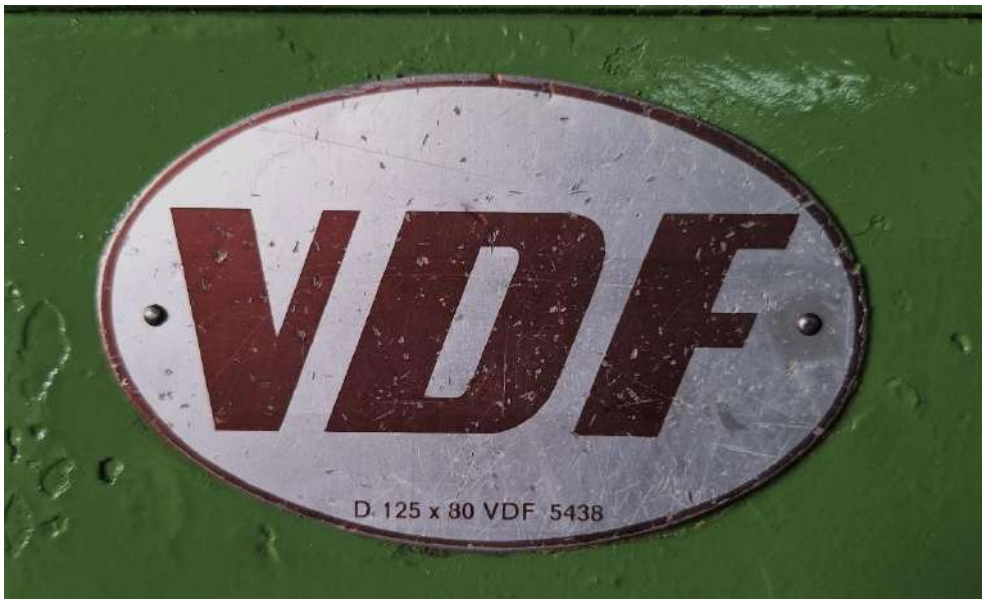
This heavy-duty conventional lathe is designed for **turning large and long cylindrical parts**, such as shafts, tubes, flanges, and various machine components.

Applications:

- General and heavy-duty machining
- Metalworking industry
- Manufacturing of shafts, pipes, rollers, and flanges
- Ideal for long-part turning operations

Key Features:

- Designed for **medium to heavy-duty machining**
- Capable of **threading**, **facing**, **turning**, **boring**, and **grooving**
- Suitable for repair workshops, manufacturing, and prototyping
- Can be retrofitted with DRO (Digital Readout) for improved precision
- Solid cast iron base ensures vibration resistance and long-term accuracy



Machine:

CNC Royal

Serial number	6
Class	1986

Machine Application:

- Cutting, engraving, and 3D carving on wood, MDF, plywood, PVC, and acrylic.
- Light aluminum machining with appropriate tools and settings.
- Furniture components production.
- Advertising industry – sign making, acrylic display production.
- Mold and template making.
- Logo engraving, lettering, and relief carving.

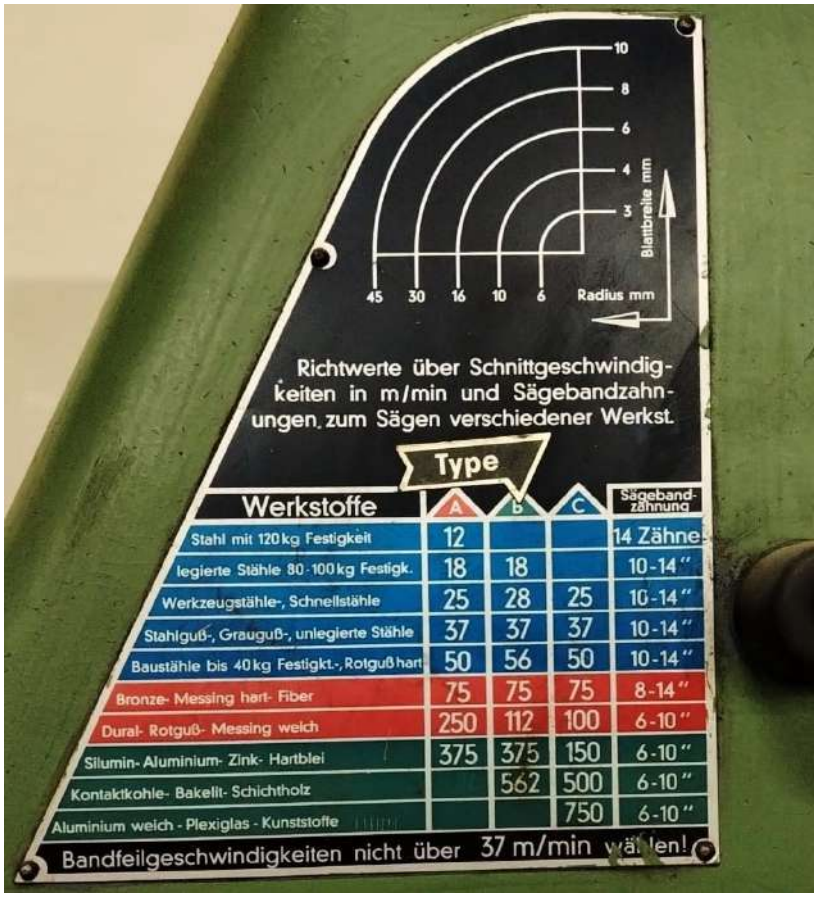
Machine:

Mesner Rekord Vertical Band Saw

Class	1971
Serial number	9

Application:

- Precise cutting of wood, plastic, metal, and other materials
- Shaping and profiling in workshop environments
- Cutting curves and straight lines in various manufacturing processes
- Preparing materials for further processing

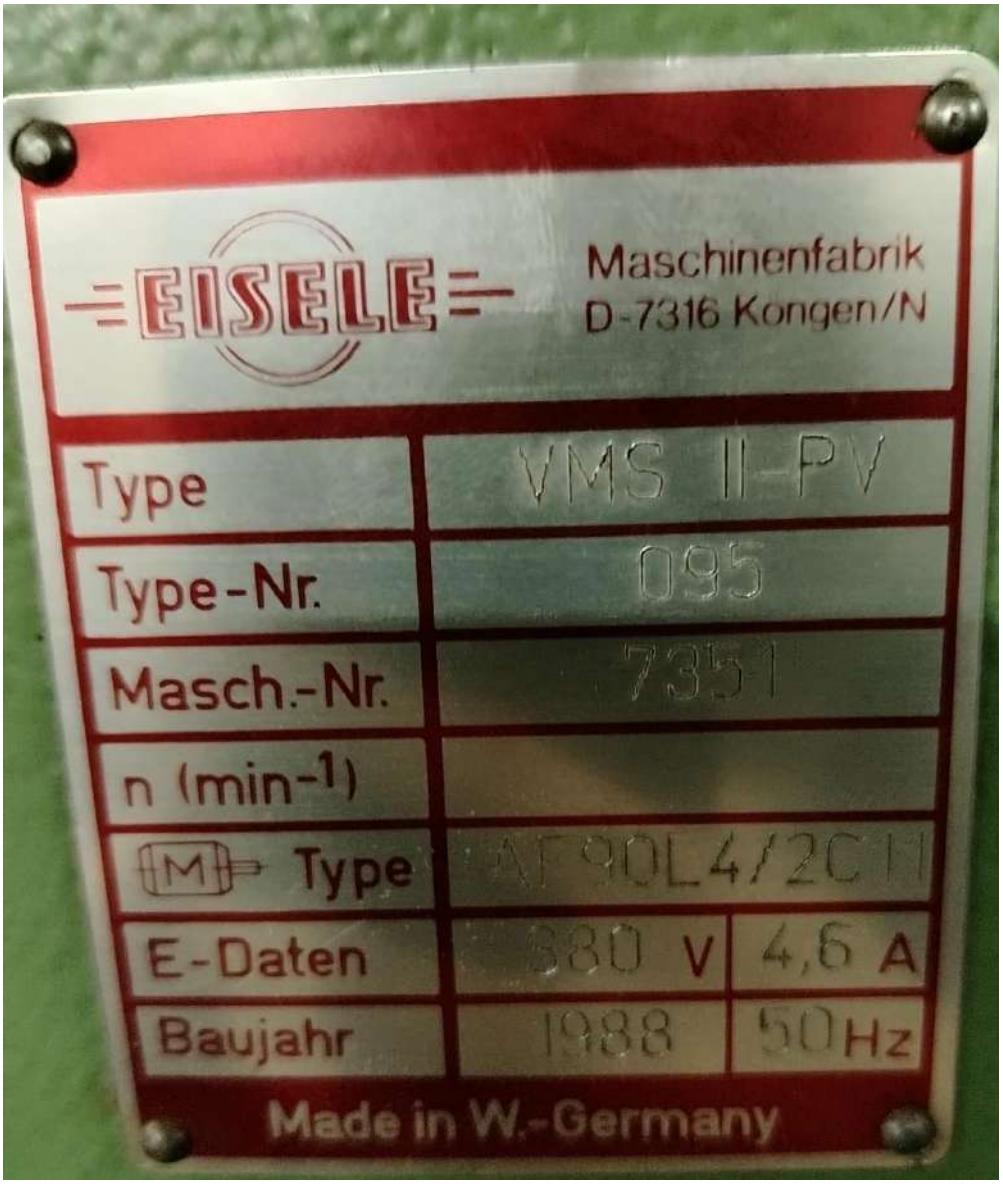


Machine:

Eiserle Circular Saw (with feeder)

Serial number	10
Class	1988

This machine is an industrial circular saw equipped with an automatic feeder, allowing continuous and precise operation. It is used for cutting wood, plastic, or similar materials with straight cuts in high-volume production. The feeder facilitates material feeding, increases productivity, and reduces manual labor.



Machine:

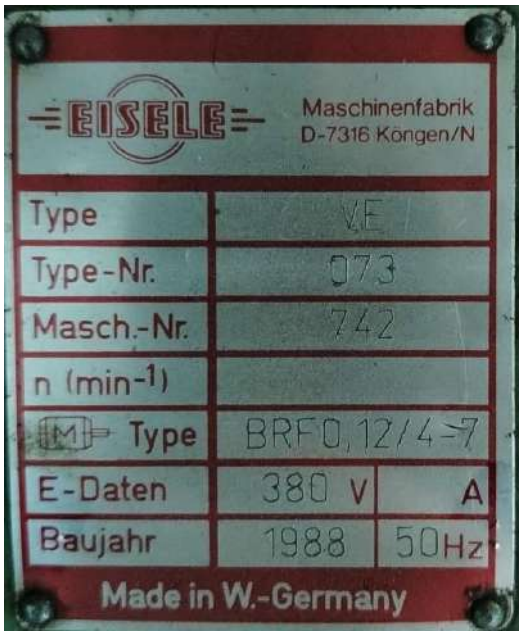
Kastro 370 Saw

Serial number	11
Class	1988

The Kastro 370 is a **semi-automatic or manual circular saw**, commonly used for **cutting metal** – especially profiles, pipes, and solid bars at various angles. It is ideal for metal workshops and fabrication of aluminum or steel parts.

Application:

- Precise cutting of metal profiles and tubes
- Angle cutting (45°, 90°, etc.)
- Suitable for aluminum, steel, copper, and similar materials
- Used in the production of metal structures

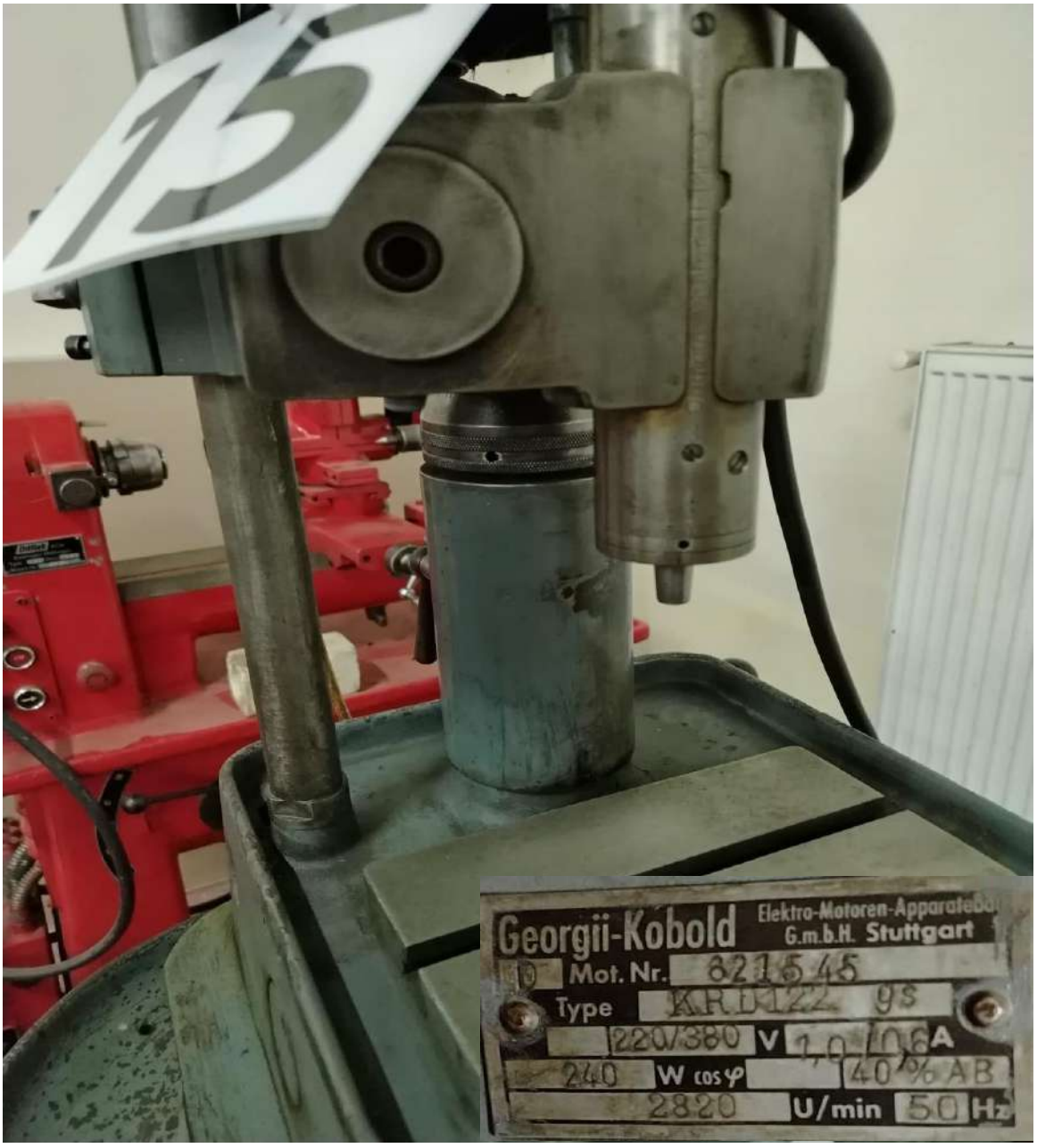


Machine:

Grinder Kugel Miler

Serial number	15

Grinder Kugel Miler is a **precision industrial grinding machine**, designed for **external or internal cylindrical grinding** of metal parts. It is used in machining processes to achieve **high accuracy and smooth surface finish** on workpieces such as shafts, bearings, spindles, and similar components.



Machine:

Surface Grinder

Serial number	17

A face grinder (also called **surface grinder**) is a machine designed for **precision grinding of flat (facing) surfaces** of metal and other hard materials. It is used in final machining processes to achieve high flatness and surface quality. Commonly used in toolrooms, workshops, and industrial manufacturing.

Application:

- Grinding of flat, facing surfaces
- Achieving high precision and surface finish
- Machining of steel, aluminum, and other hard materials
- Precision finishing of mechanical parts

Schütte Tool Grinder

Serial number	18
Class	1976

Application:

- Sharpening of end mills, drills, cutters, and other tools
- Reconditioning of worn cutting and machining tools
- Precision grinding with adjustable angles and geometries
- Used in toolrooms, machining facilities, and maintenance departments

Circular Saw Blade Sharpener

Class	1977
Serial number	19

The **Circular Saw Blade Sharpener** is designed for precise and efficient sharpening of circular saw blades used in woodworking, metalworking, and construction industries.

Main purposes:

- **Sharpening dull or worn circular saw blades** – restores the original cutting performance.
- **Extends the lifespan of saw blades** – reduces the need to buy new blades.
- **Improves cutting quality** – ensures clean, accurate cuts with sharpened teeth.
- **Cost-effective for production** – regular sharpening increases productivity and lowers operational costs.
- **Adjustable grinding angles** – suitable for different types of blades and applications.

Red Sharpener – Two-stage Milling Cutter Sharpener

Class	1977
Serial number	20

The **Red Sharpener** is a two-stage machine specifically designed for sharpening **milling cutters**, providing both rough and fine sharpening stages.

Main purposes:

- **Sharpening of milling cutters** – restores cutting edges for efficient and precise machining.
- **Two-stage sharpening** – rough grinding for material removal, followed by fine grinding for precision finishing.
- **Suitable for various cutter types** – including end mills, face mills, and profile cutters.
- **Improves machining performance** – ensures clean cuts and accurate dimensions.
- **Reduces tool replacement costs** – extends the operational life of expensive milling tools.

Saacke Tool Grinder

Class	1977
Serial number	21

The **Saacke Tool Grinder** is a high-precision machine used for sharpening various types of cutting tools, widely utilized in toolmaking and metalworking industries.

Main purposes:

- **Sharpening precision cutting tools** – such as end mills, drills, reamers, and cutters.
- **Tool re-profiling** – restores the original or custom tool geometry.
- **High-accuracy grinding** – suitable for fine sharpening of complex or specialized tools.
- **Extends tool life** – reduces the need for frequent replacement and lowers tooling costs.

Erozimat Machine Agie – Electrode (Matra Fanuc)

Class	1983
Serial number	23

The **Erozimat Agie** is an **electrical discharge machine (EDM)** designed for high-precision machining of hard and hardened materials using **graphite or copper electrodes**.

Main purposes:

- **Precision machining of hardened metals** – without mechanical contact, ideal for intricate shapes.
- **Used in mold and die making** – for creating detailed cavities and fine features.
- **Equipped with Matra Fanuc controls** – ensures accuracy and process stability.
- **Work area: 320x220x200 mm** – suitable for small to medium-sized components.
- **Includes GP wheel -** for additional fine shaping and finishing.

Machine:

Erozimat Agie

Serial number	24

The **Erozimat Agie** is an **EDM (Electrical Discharge Machine)** used for **high-precision machining of hard metals and alloys** by means of electrical discharges.

Main purposes:

- Machining complex shapes in hardened steel, carbide, and exotic materials.
- Mold and die manufacturing.
- Fine detail work with tight tolerances.
- Non-contact material removal – no mechanical stress on the part.
- Ideal for intricate cavities, fine holes, and sharp corners.

REMA Polishing Machine 2.2kW

Class	1967
Serial number	30

The **REMA Polishing Machine** with a 2.2 kW motor is designed for polishing and finishing surfaces of various materials.

Main purposes:

- Polishing metal, wood, or other surfaces to achieve a smooth and shiny finish.
- Removing scratches, defects, and surface irregularities.
- Preparing surfaces for further treatments such as painting or varnishing.
- Used in metalworking, woodworking, furniture manufacturing, and other industries.
- Suitable for working on different sizes and shapes of workpieces.

Polishing Machine

Serial number	31
Type	739

Main purposes:

- Polishing metals, wood, and other materials to achieve a smooth and shiny finish.
- Removing scratches, stains, and surface irregularities.
- Preparing surfaces for further treatments such as painting or varnishing.
- Used in metalworking, woodworking, furniture manufacturing, and other industries.
- Suitable for working on parts of various sizes and shapes.

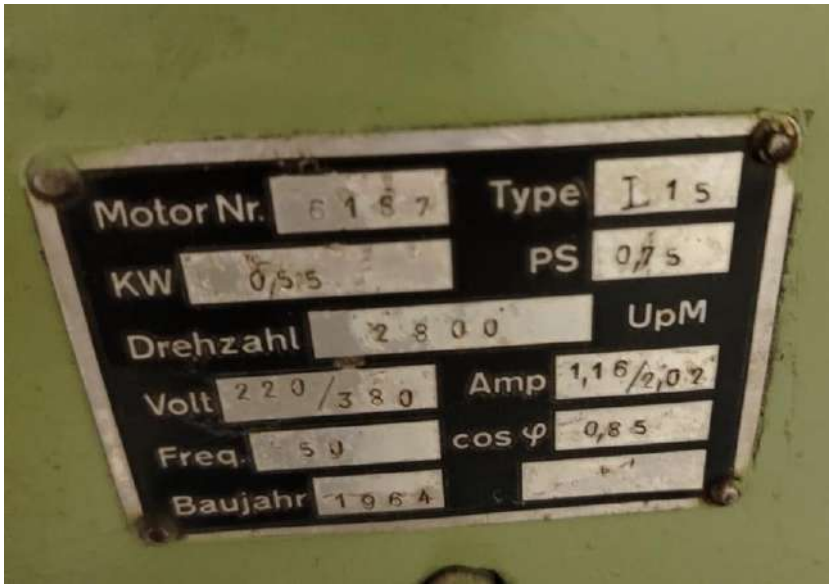
Wilhelm Simon Grinding Wheel

Class	1964
Serial number	32

The **Wilhelm Simon Grinding Wheel** is an industrial-grade grinding wheel designed for both coarse and fine grinding of various materials.

Main purposes:

- **Grinding and shaping of metal, steel, carbide, and other hard materials.**
- **Tool sharpening and surface finishing** – material removal, edge smoothing, and leveling.
- **Used in toolrooms, machining operations, and workshops.**
- **High durability and precision** – suitable for long-term and accurate work.
- **Typically used with stationary grinding machines.**



Rema Grinding Wheel

Class	1964
Serial number	33

The **Rema Grinding Wheel** is a high-performance abrasive wheel designed for precise and efficient grinding of various materials.

Main purposes:

- **Grinding of metal, steel, and hard alloys** – for material removal, shaping, and surface finishing.
- **Tool and part sharpening** – restoring edge sharpness and surface smoothness.
- **Removing welds, edges, and irregularities** on metal components.
- **Suitable for use in industrial and workshop environments.**
- **Used with stationary or bench grinders**, particularly REMA machines or similar types.

Flot Grinder

Serial number	34

The **Flot Grinder** is an industrial grinding machine designed for grinding, sharpening, and surface finishing of various materials, primarily metals.

Main purposes:

- **Grinding edges, surfaces, and removing imperfections.**
- **Sharpening tools and machine parts** – restoring precision and functionality.
- **Removing rust, welds, and preparing surfaces for further processing.**
- **Used in metalworking industries, workshops, tool rooms, and maintenance departments.**
- **Suitable for both rough and fine grinding, depending on the type of grinding wheel used.**

Dot300 Grinder

Class	1967
Serial number	35

The **Dot300 Grinder** is a compact and precise grinding machine designed for sharpening, surface grinding, and fine shaping of various materials, primarily in metalworking and tooling applications.

Main purposes:

- **Precision grinding of edges and surfaces** on metal components.
- **Sharpening of small tools** – such as drills, cutters, and end mills.
- **Fine finishing of parts before assembly or use.**
- **Used in toolrooms, maintenance shops, and precision machining environments.**
- **Compact size** – ideal for use in limited spaces or laboratory conditions.

Greif Grinder

Class	1967
Serial number	36

The **Greif Grinder** is a professional industrial grinding machine designed for coarse and fine grinding, polishing, and surface preparation—mainly used in metalworking and machining industries.

Main purposes:

- **Grinding and surface treatment** of metal components.
- **Sharpening of tools and machine parts** – restoring cutting edges and geometry.
- **Removal of rust, welds, and surface imperfections.**
- **Can also be used for polishing or surface preparation before coating.**
- **Commonly used in workshops, factories, maintenance departments, and toolrooms.**

AEG Grinder

Class	1967
Serial number	37

The AEG bench grinder is a stationary grinding machine used for:

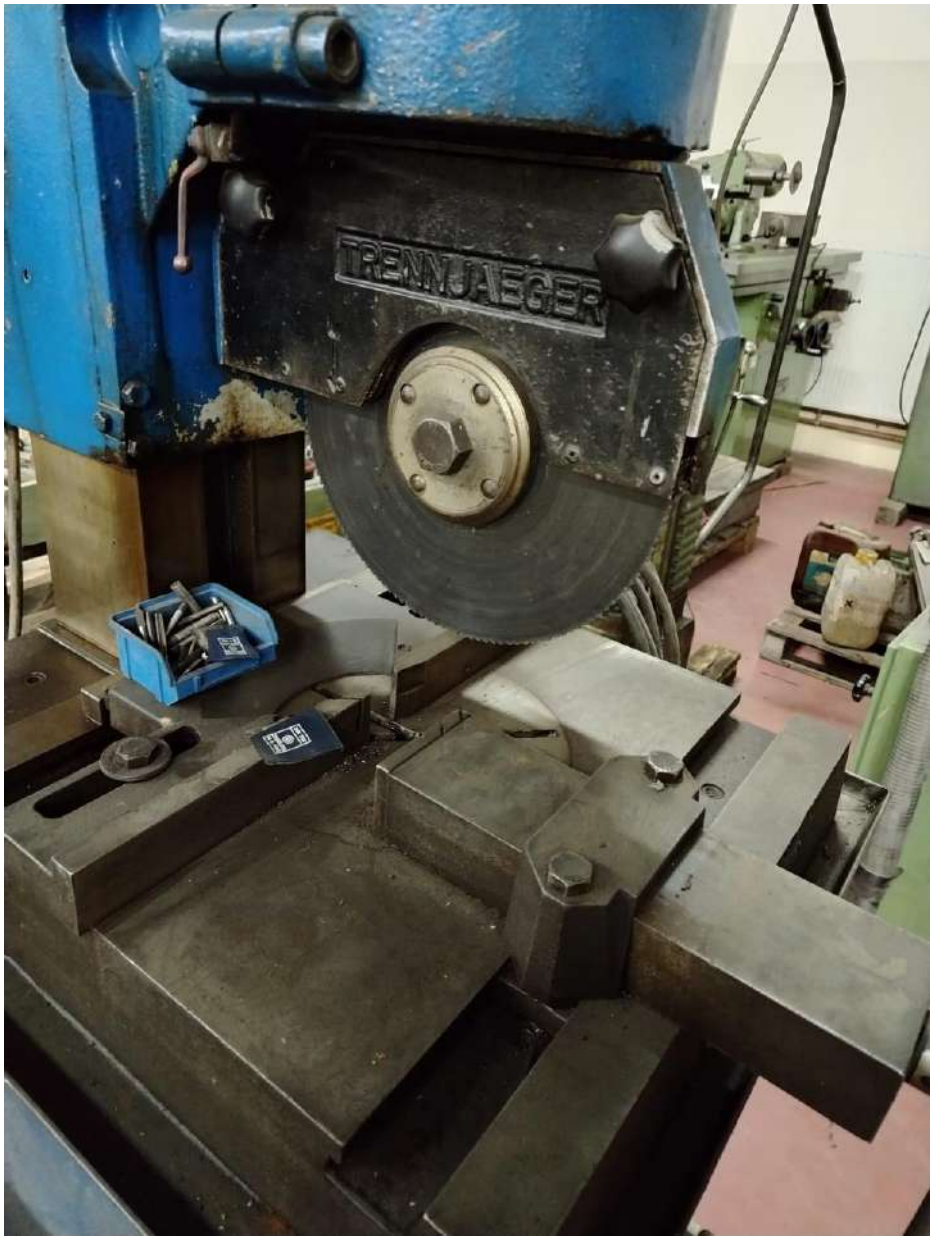
- **Sharpening tools** – knives, chisels, scissors, drill bits, etc.
- **Grinding and shaping metal parts**
- **Removing burrs, rust, or paint**
- **Surface preparation** – for welding, painting, or further machining
- **Tool maintenance** – essential for workshops, garages, and industrial use

Circular Hand Grinder (blue)

Serial number	39

Circular Hand Grinder (blue) is used for:

- **Grinding, cutting, and polishing metal, stone, and other materials**
- **Removing rust, paint, and welds**
- **Cutting pipes, tiles, rebar, and construction materials**
- **Shaping and surface preparation in construction, plumbing, and general maintenance**



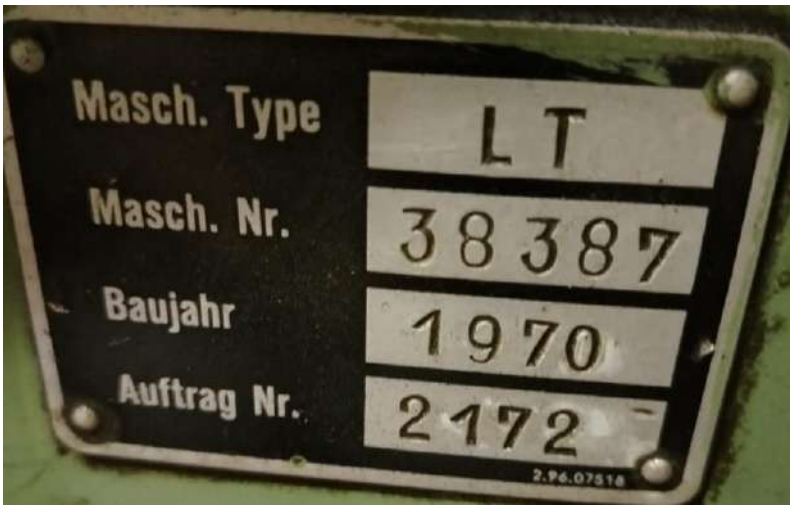
Sharpening Machine for Circular Saws Šmit

Class	1970
Serial number	41

The **Sharpening Machine for Circular Saws – Šmit** is designed for:

- **Precise sharpening of circular saw blades**, including **HSS and carbide-tipped (HM) blades**
- **Restoring blade sharpness and cutting efficiency**
- **Setting tooth geometry, cutting angle, and depth (manually or automatically adjustable)**
- **Use in tool service centers, woodworking shops, and metal processing industries**

Ensures fast, safe, and accurate sharpening with consistent material removal. Adjustable settings for sharpening angle, speed, and grinding depth.

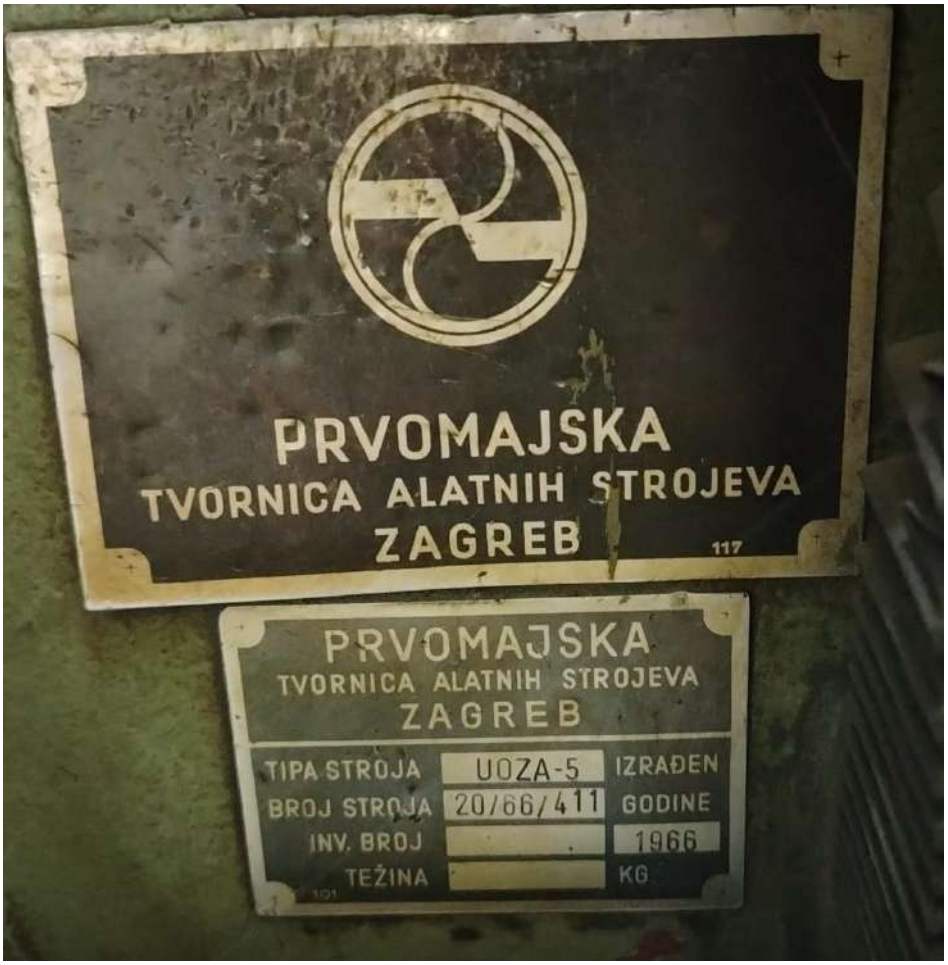


Prvomajska Sharpening Machine

Class	1966
Serial number	42

The **Prvomajska Sharpening Machine** is used for:

- **Sharpening cutting tools** – such as milling cutters, drills, knives, chisels, and saw blades
- **Restoring cutting geometry** – including angles, edges, and profiles
- **Precision tool grinding** – with stable and durable construction
- **Use in machine shops, tool manufacturing, maintenance and repair facilities**



Šite Sharpener

Class	1963
Serial number	43

The **Šite Sharpener (or Site Saw Blade Sharpener)** is used for:

- **Sharpening teeth of circular and band saw blades** – typically HM or HSS material
- **Restoring cutting edge geometry and angles**
- **Automated or semi-automated sharpening of each individual tooth**
- **Commonly used in woodworking shops, lumber mills, and panel-cutting operations**

This machine allows for **precise and consistent sharpening**, extending the blade's lifespan and ensuring high-quality cuts.

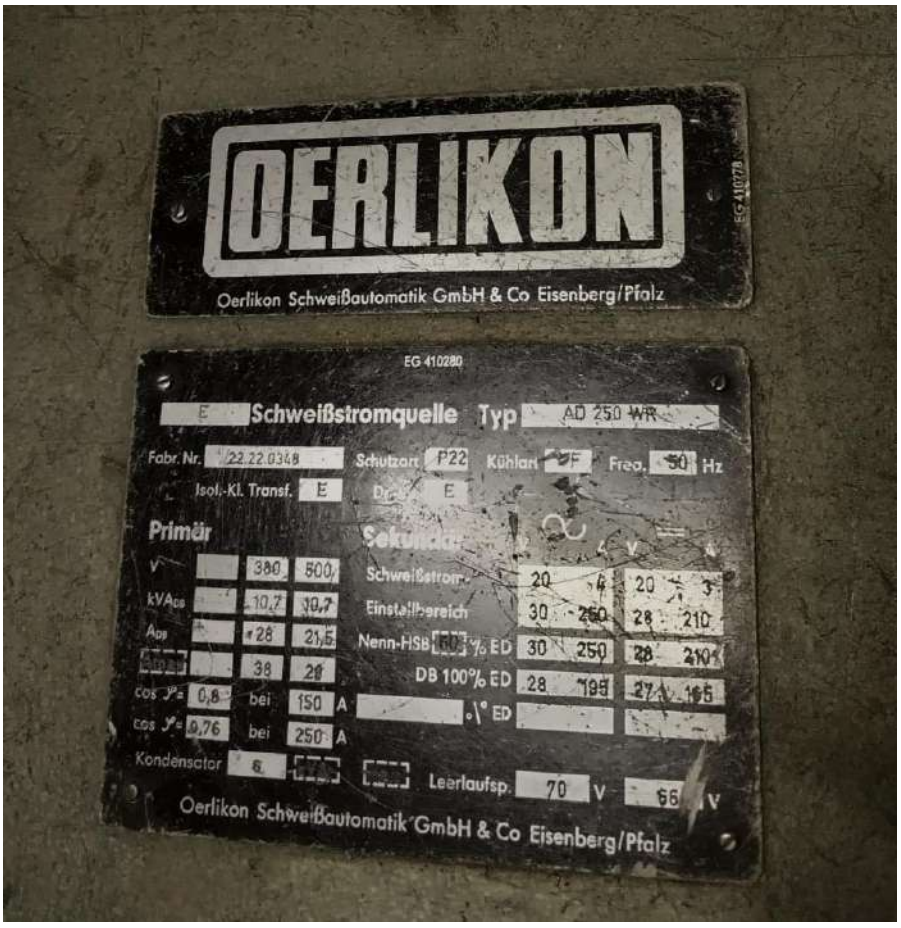
Orlikon Electro Argon Welder 250A

Serial number	45

The **Orlikon Electro Argon Welder 250A** is designed for:

- **Argon-shielded welding (TIG and MIG/MAG processes)**
- **Precision welding of stainless steel, aluminum, copper, and non-ferrous alloys**
- **Working with thin-walled and sensitive materials**
- **Use in mechanical engineering, shipbuilding, automotive, and aerospace industries**

With a 250A output, this welder ensures **stable arc performance**, **high-quality welds**, and **minimal spatter**. Compatible with tungsten electrodes (TIG) and solid or flux-cored wire (MIG/MAG).



Milling Machine FrizVerner (horizontal)

Serial number	50

The **FrizVerner Horizontal Milling Machine** is used for:

- **Metal cutting and shaping** – creating grooves, slots, flat and curved surfaces
- **Producing precise components in mechanical engineering and toolmaking**
- **Milling various shapes using a horizontally oriented spindle**
- **Mass and batch production thanks to its robust and stable design**

The horizontal spindle allows the use of disc cutters and other cutting tools, ideal for deeper and heavier cuts.

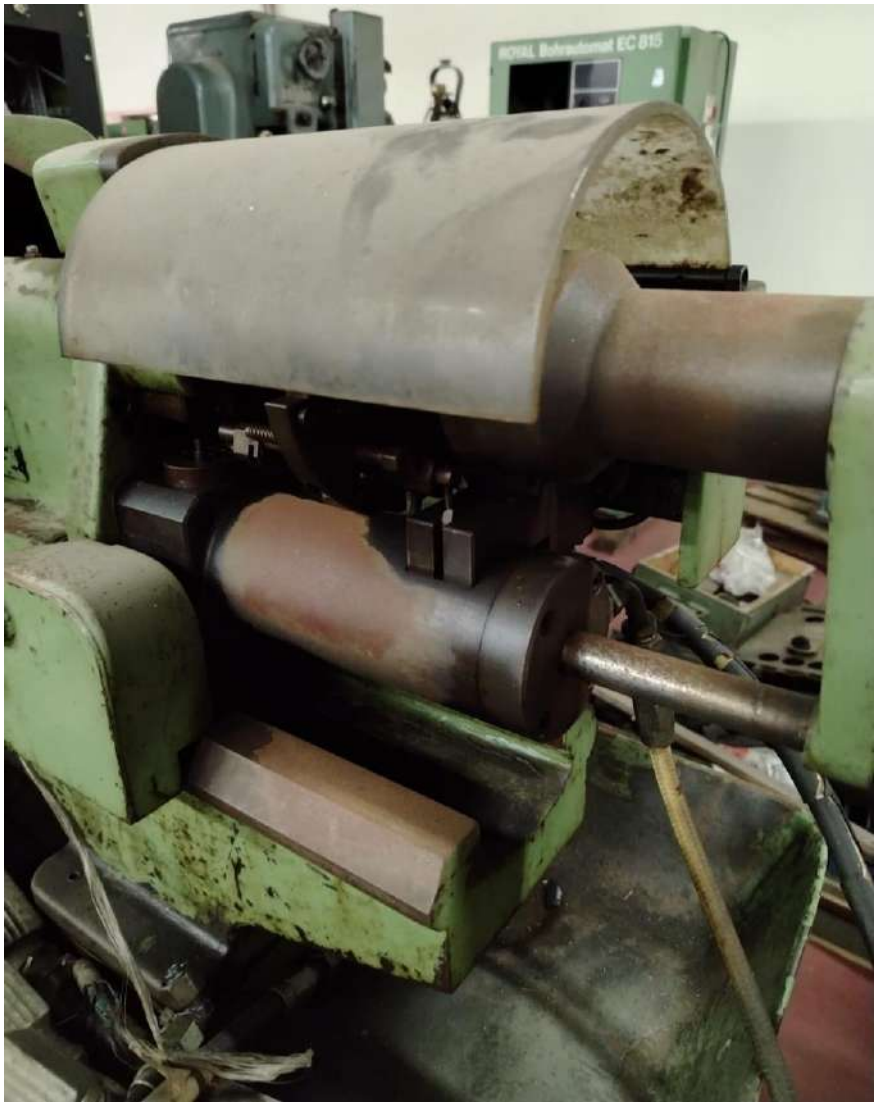
CN Vajler Revolver Lathe

Serial number	60

The **CN Vajler Revolver Lathe (without spindle pass-through, Ø32)** is used for:

- **Serial production machining of small to medium-sized workpieces**
- **Performing complex turning operations using a turret head**
- **Working with parts up to Ø32 mm in diameter**
- **Operating within a speed range of 110 to 3600 rpm**
- **Operations such as longitudinal and transverse turning, drilling, parting, threading, etc.**

This model **does not have a spindle bore**, meaning it is used for **solid, short workpieces**. Ideal for **mass production** where fast tool changes and high precision are required.



Machine for drilling (boring) parts

Class	1976
Serial number	61

A **machine for drilling or boring parts** is used for:

- **Accurate drilling of holes** in metal, wood, or plastic components
- **Enlarging, deepening, or finishing existing holes (boring)**
- **Operations such as threading, reaming, and hole preparation for bolts, shafts, or bearings**
- **Used in machining workshops, assembly lines, maintenance, and toolmaking**

Grün Saw Blade

Class	1975
Serial number	67

The **Grün circular saw blade Ø200 mm (blade 450)** is used for:

- **Mounted on stationary or handheld cutting machines** – such as circular saws, miter saws, or cross-cut machines
- **Fast and clean cuts with minimal edge damage**
- **Suitable for professional or industrial use in carpentry, aluminum workshops, and assembly work**

The **Ø200 mm** refers to the blade diameter.

Heler Circular Saw Sharpener

Class	1970
Serial number	68

The **Heler Circular Saw Sharpener** is used for:

- **Precision sharpening of circular saw blade teeth** – both HSS and carbide (HM)
- **Maintaining and restoring cutting edges on saw blades of various diameters**
- **Adjusting tooth angles and sharpening depth as needed**
- **Commonly used in woodworking, metalworking, and repair shops**

The machine provides **uniform, controlled, and fast sharpening**, which helps **extend blade life** and ensures **high-quality cutting performance**.


ODOS Elektro-Motoren
Stuttg.-Vaihingen
Typ DK 22 I
Nr. 3985 1/10
Schalt. Δ / ⅄
V 220 / 380
A 1,1 / 0,65
KW 0,22
n 3000
Per. 50
539/62


Seitenverschiebung der Schleifscheibe x
Schnitt winkel
Sägeblattdurchmesser D mm
80 100 125 150 175 200 225 250 275 300 325 350
15° 15 18 22 28 33 36 40 46 50 54 58 65
18° 17 21 27 32 37 43 48 56 60 65 72 78
20° 21 26 32 37 42 48 54 60 66 73 79 86
25° 24 30 38 44 52 60 65 75 80 88 94 100
30° 27 33 43 52 60 68 76 88 96 105 — —
HELLER

Sharpeners

Serial number	69

Hand-held carbide tool sharpener

Serial number	73

Bench Sharpener

Serial number	74

Circular Saw Sharpener

Class	1976
Serial number	75

A **Circular Saw Sharpener** is used for:

- **Precision sharpening of circular saw blade teeth** – including HSS, carbide (HM), and bimetal types
- **Adjusting tooth angle, profile, and sharpening depth based on material and blade type**
- **Maintaining blade sharpness and extending tool lifespan**
- **Used in woodworking, metal processing, aluminum and plastic cutting industries**

Small Pneumatic Press

Serial number	76

A **Small Pneumatic Press** is used for:

- **Pressing and forming materials** using compressed air as the driving force
- **Assembly and disassembly tasks** – such as fitting/removing bearings, shafts, or connectors
- **Light to medium-duty operations** like stamping, bending, hole punching, and marking
- **Applications in workshops, small-scale production, laboratories, and auto repair shops**

It operates using **compressed air to drive a piston**, offering **quick cycle times, low noise**, and **precise force control**. It is ideal where manual presses are too weak and hydraulic ones too large or complex.

Press – Niterica Constantin

Serial number	77

The **"Niterica Constantin" press** is used for:

- **Pressing various metal and non-metal materials**
- **Stamping, forming, punching, marking, embossing, and assembly operations**
- **Applications requiring controlled and even pressure**
- **Industrial use in metalworking, automotive, electronics, and manual production processes**

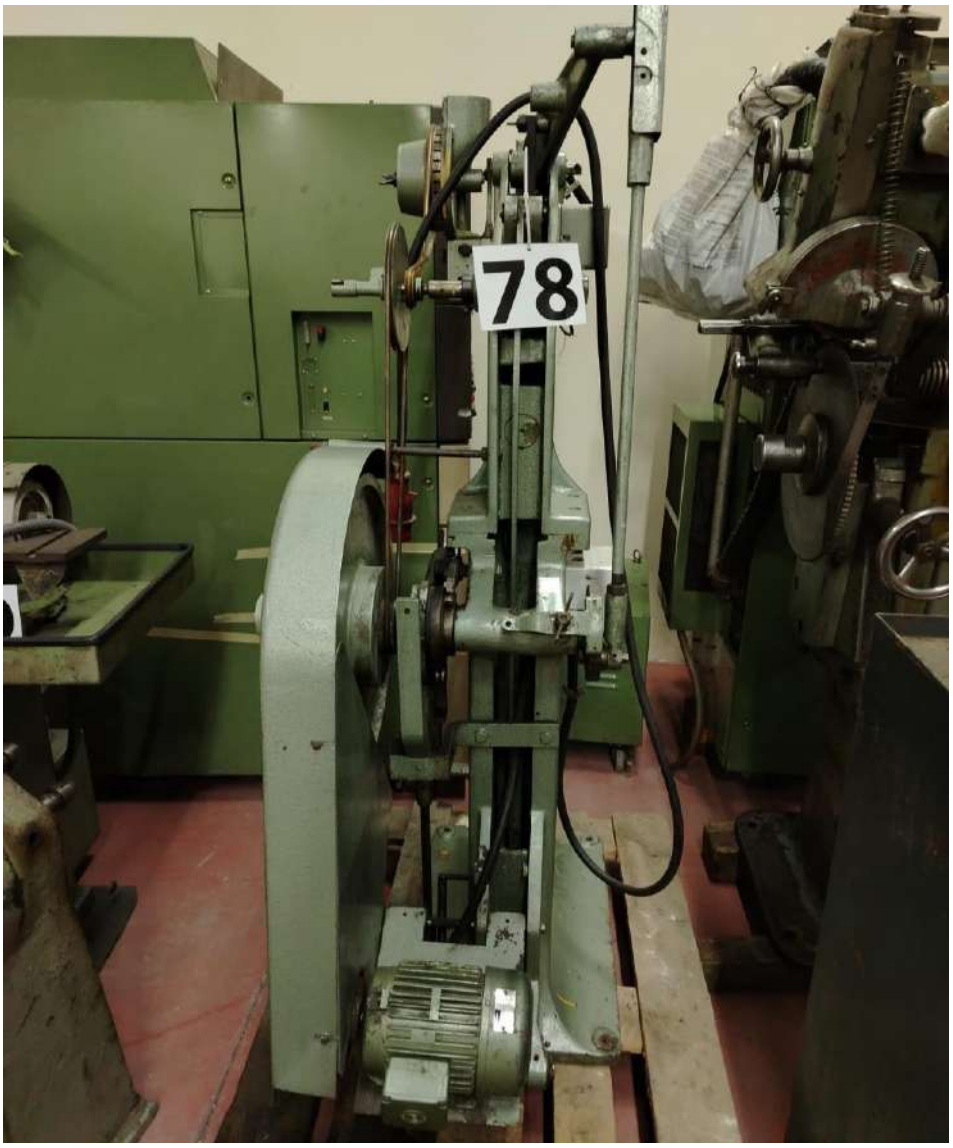
Known for its **robust frame and reliability**, it's also commonly used in toolmaking and repair workshops.

Press – Niterica PDG Sipers

Class	1976
Serial number	78

The **Niterica PDG Sipers Press** is an industrial machine used for:

- **Pressing, shaping, and stamping of materials** (both metallic and non-metallic)
- **Performing precise manufacturing tasks** such as punching, embossing, straightening, and component assembly
- **Applications in small-scale production workshops, sheet metal processing, and mechanical/electrical industries**



Press – Manual Press (lever press)

Class	1977
Serial number	79

A **Manual Lever Press** is used for:

- **Press-fitting and assembling small parts** using hand-operated leverage
- **Inserting bearings, bushings, rivets, and similar components**
- **Marking, light forming, bending, or cutting of soft materials**
- **Precise, repeatable operations in workshops, service centers, and manual assembly lines**

Industrial Overhead Crane Demag

Serial number	90
Class	1967

This heavy-duty electric winch unit is designed for lifting and moving large industrial loads. Typically used as part of an **overhead crane system**, it features a powerful electric motor, steel rope drum, and control wiring suitable for integration into existing lifting infrastructure.

Small Air Compressor

Class	1969
Serial number	25

The small air compressor is used for:

- **Powering pneumatic tools** – such as spray guns, impact wrenches, drills, etc.
- **Inflating tires** – for cars, bicycles, or industrial vehicles.
- **Cleaning** – blowing dust and debris off machines or work surfaces.
- **Operating pneumatic machines** – in workshops and small-scale production.
- **Light painting and craft operations** – thanks to stable and controlled air pressure.

Welding Machine

This welding machine, made by **ALKIMA**, is an **industrial arc welding machine** designed for **Manual Metal Arc (MMA/stick welding)**. It is built to withstand long-term use in demanding environments, making it a reliable choice for heavy-duty and semi-professional welding tasks.

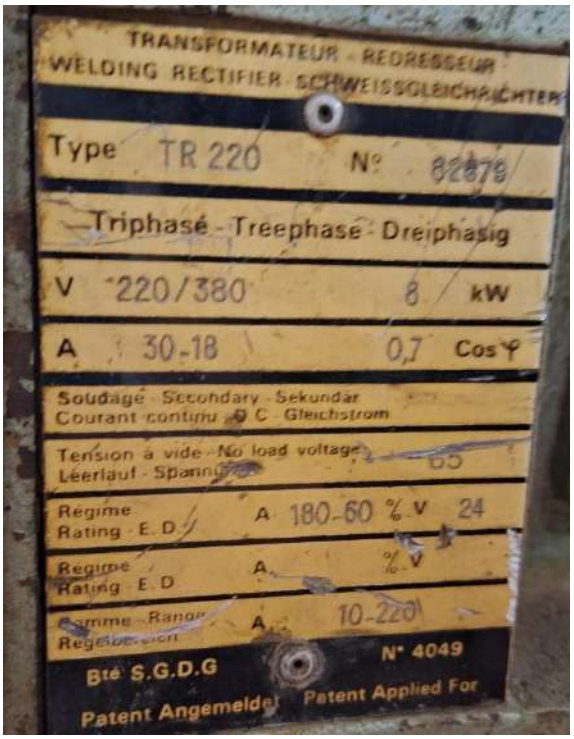
Class	1959
Serial number	26

Features:

- Operates on three-phase power (visible industrial plug).
- Manual adjustment of welding current (amperage).
- Portable, mounted on wheels for easier movement around the workshop.
- High power output – suitable for thicker electrodes and welding of heavy metal parts.
- Durable metal casing resistant to mechanical damage.

The welding machine is used to:

- **Join metal parts** by melting the base material and adding a filler material (electrode).
- **Perform maintenance and repair** on metal structures, frames, and equipment.
- **Fabricate new metal constructions** in workshops and industrial settings.
- **Weld various metals** such as steel, stainless steel, and cast iron.



Welding Machine

Class	1959
Serial number	27

Features:

- Operates on three-phase power (visible industrial plug).
- Manual adjustment of welding current (amperage).
- Portable, mounted on wheels for easier movement around the workshop.
- High power output – suitable for thicker electrodes and welding of heavy metal parts.
- Durable metal casing resistant to mechanical damage.

The welding machine is used to:

- **Join metal parts** by melting the base material and adding a filler material (electrode).
- **Perform maintenance and repair** on metal structures, frames, and equipment.
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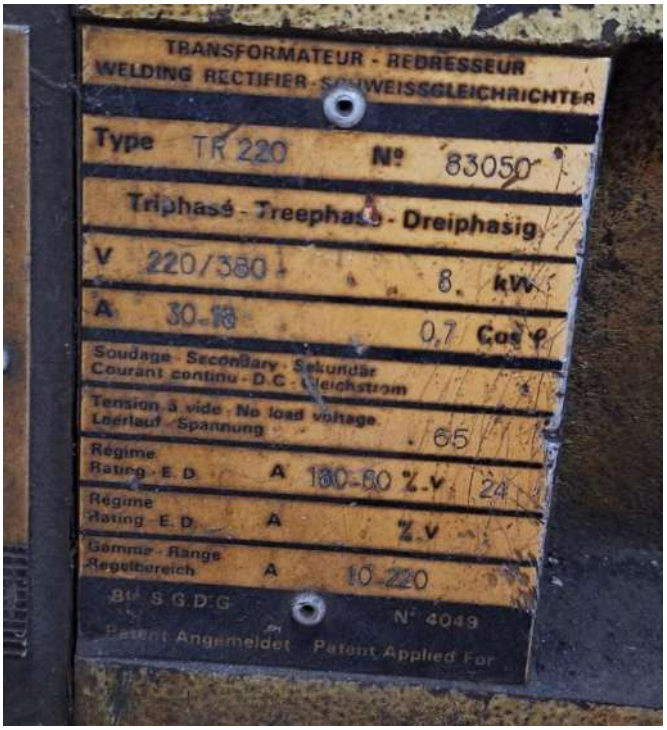


Orlikon Electro Welder 500A

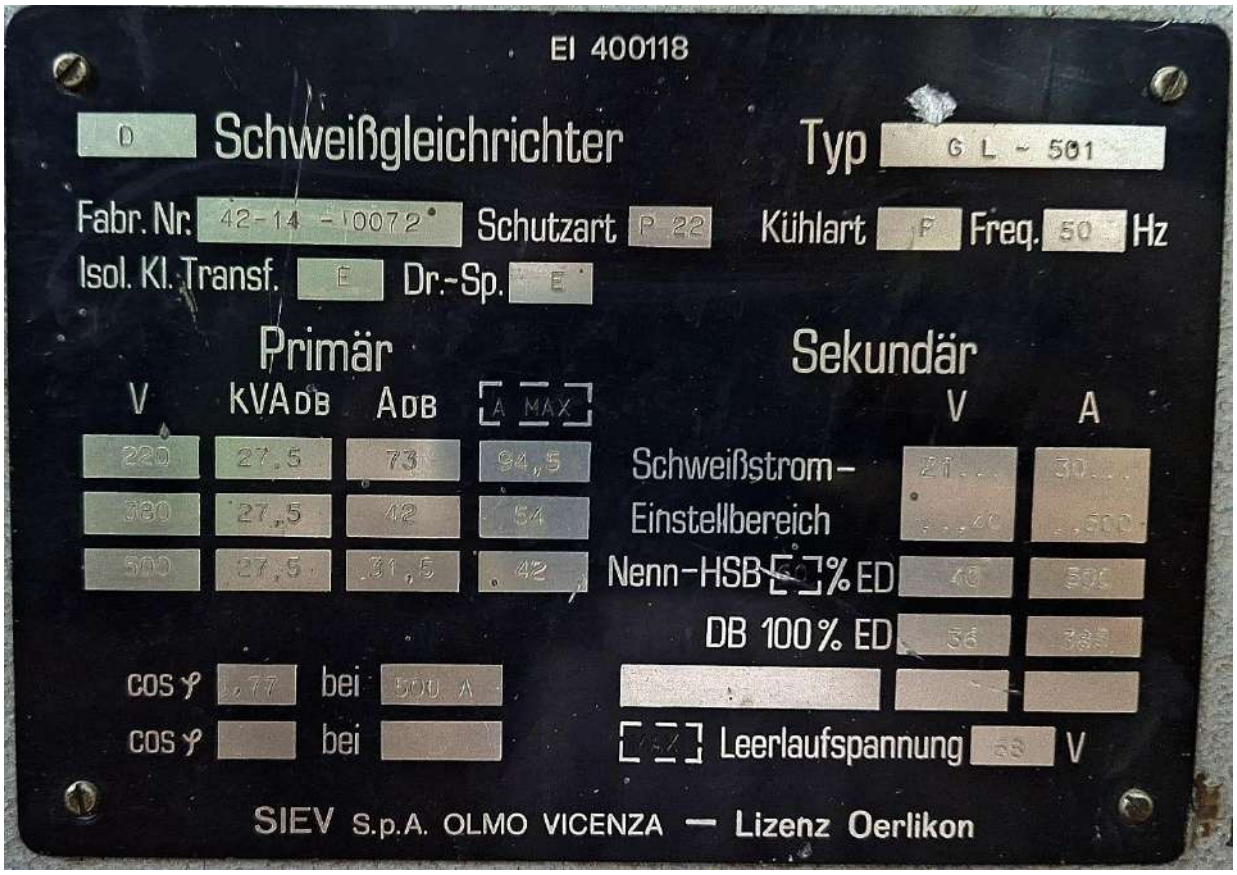
Class	1967
Serial number	46

Purpose:

- **Welding thick metal parts and heavy steel structures** – its high output (up to 500 amps) makes it ideal for large-scale welding jobs.
- **Compatible with large-diameter electrodes** – typically 4.0 mm, 5.0 mm and above.
- **Used in industrial production** – such as steel fabrication, shipbuilding, assembly plants, and heavy machinery manufacturing.
- **Capable of welding various types of steel** – including structural, stainless, and alloyed steels.

Key Features:

- High output current – up to 500A.
- Adjustable welding current – allows precise tuning to the task.
- Designed for use in harsh conditions – resistant to dust, humidity, and temperature extremes.
- Built for professional use in all sectors of the metal industry.



Orlikon Electro Argon Welder 250A

Class	1966
Serial number	47

Key Features:

- Output current up to **250A** – suitable for medium-duty to semi-heavy TIG welding.
- Operates on **three-phase power** (industrial plug visible).
- Equipped with **fine current adjustment** for precision control.
- Produces **clean, spatter-free welds** with excellent aesthetic quality.
- Used with **argon shielding gas** to protect the weld zone from contamination.

Klop Milling Machine

Class	1976
Serial number	51

Purpose:

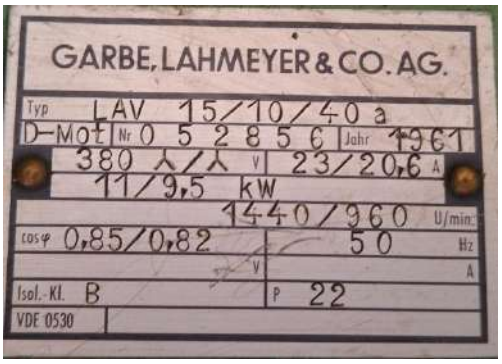
- **Machining flat and shaped surfaces** on metal parts.
- **Milling grooves, slots, keyways, holes, and complex profiles.**
- **Manufacturing and repairing machine components, molds, and tools.**
- **Processing various metals** (including alloy and non-ferrous metals) in mechanical and tool industries.
- **Precision machining** of parts for industrial or technical applications.

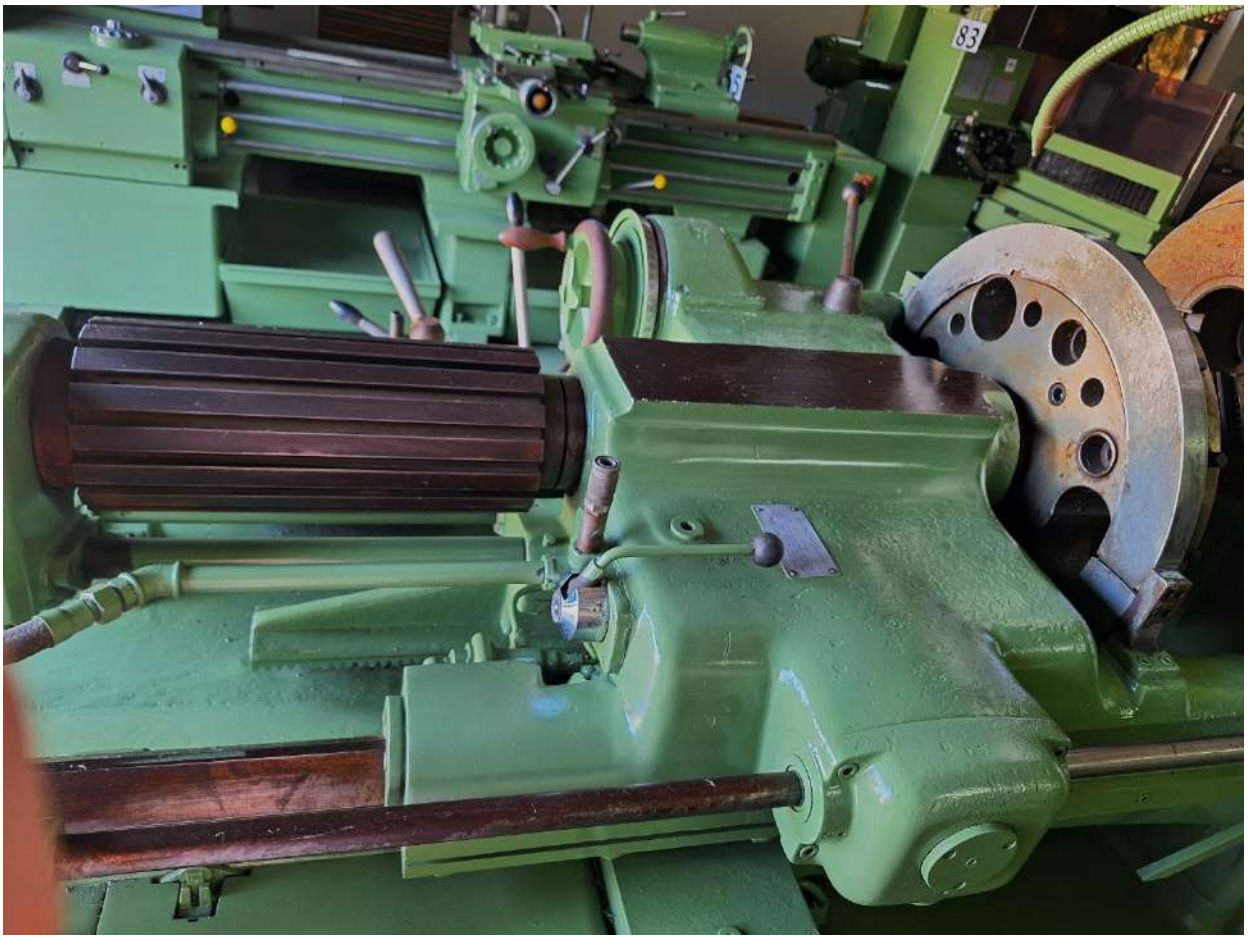
PITLER Lathe

Class	1689
Serial number	59

Key Features:

- **Spindle bore Ø80 mm** – allows machining of large-diameter or long-through materials.
- **Robust and stable construction** for industrial use.
- **Precise control of speed and feed.**
- Suitable for **medium to heavy-duty turning operations**.





Sharpener

Class	1976
Serial number	70

Purpose:

- **Extending the lifespan** of tools and improving work efficiency.
- **Preparing tools for accurate machining or manual work.**
- **Restoring sharp edges** that become dull from regular use.
- **Sharpening cutting tools** such as knives, chisels, scissors, drill bits, saw blades, lathe tools, and milling cutters.

Class	1977
Serial number	71

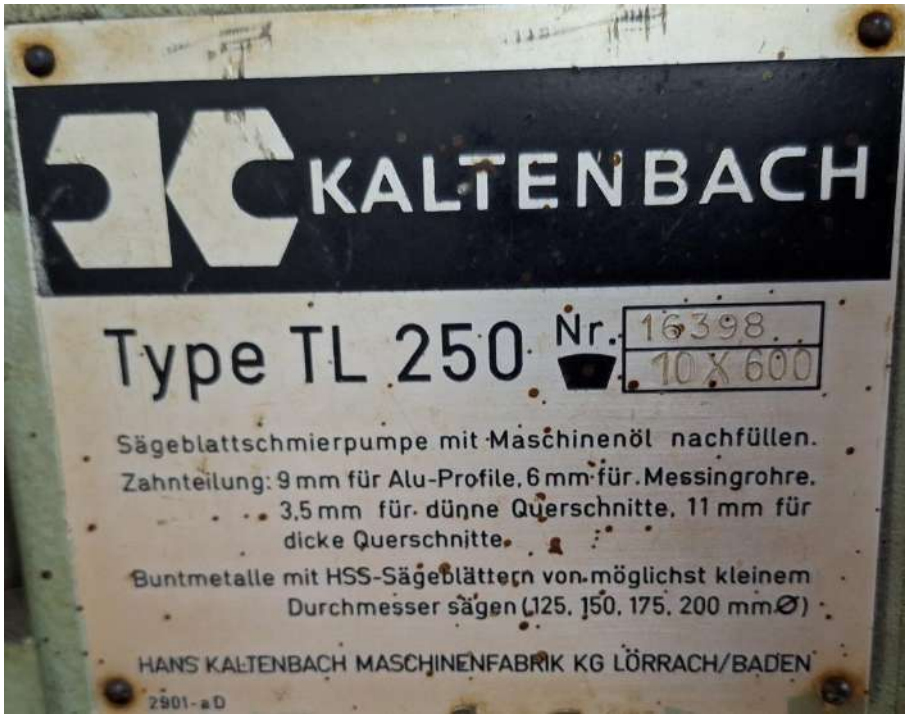
Class	1977
Serial number	72

Bench saw (circular saws with G tool)

Class	1969
Serial number	105
Type	TL 250 nr:16398, 10x600

Key Features:

- **Bench-mounted** – provides stability and vibration reduction for precise work.
- **TL 250 model** – designed for professional or semi-industrial use.
- Compatible with **specialized G-type blades** for extended durability and cleaner cuts.
- High-performance motor capable of handling **heavy-duty cutting operations**.



Bench saw (circular saws with G tool)

Class	1969
Serial number	106
Type	TL 250 No: 16541, 10x600

Purpose:

The TL 250 bench circular saw with a G tool is used for **precise cutting of wood, panel materials, plastic, and light metals**. Thanks to its **large blade size (600 mm)**, it is suitable for **cutting thick and bulky materials**.

It is commonly used in:

- woodworking and industrial workshops,
- furniture manufacturing and construction carpentry,
- both serial and individual production.

The **G tool** refers to a **carbide or specialized blade**, providing a clean, accurate cut, long tool life, and high wear resistance.

Diaform (Profile sharpening of grinding wheels)

Class	1977
Serial number	107

Class	1977
Serial number	108

Class	1977
Serial number	109

Purpose:

- **Profile shaping of abrasive grinding wheels.**
- Creating **exact radii, angles, and forms** on wheels.
- Enables the grinding of parts with **intricate contours and precision profiles**.

Drill for branch (woodworking workshop drill)

Class	1967
Serial number	111

Used for:

- **Drilling holes in organically shaped wood**, including tree branches and rough wooden parts.
- Creating **decorative or functional elements** – such as lamps, coat racks, rustic furniture, and sculptures.
- **Precise angled or deep hole drilling**, which is difficult to achieve with handheld tools.
- Ideal for making **natural wood furniture** in rustic, ethnic, or artistic styles.

Diaform

Class	1977
Serial number	112

Class	1977
Serial number	113

Diaform is used for precise profiling and shaping of grinding wheels. It allows for forming complex shapes on the grinding wheel to achieve highly accurate machining of workpieces.