



# GENERAL CATALOGUE

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modernizations, repairs and new machinetools

## M-MOOS, spol.s.r.o

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Company M-MOOS Ltd. was established in 1993. It deals with general repairs and manufacture of centre lathes, milling machines, drilling machines, surface grinding machines since its birth, which are made in two plants, in Lipník nad Bečvou and in Uherský Ostroh.

The company has 100 employees and its turnover is around 3. mil EUR.

**Advantages of our company are first long time experiences with machine tools production, technical facilities, high-quality service, high-qualifications of M-MOOS workers and in low prices.**

The base of our business is quality and serious services. A quality is guaranteed by top management and workers who have been working in an industry, a development, a design and a machinetools production for 20 years. We don't invest lot of money to marketing, we mainly invest to our employee. Because quality of our staff is key point for us.



New production plant in Lipníku nad Bečvou



Plant in Lipník nad Bečvou

## Machinetools modernizations and repairs

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M-MOOS, ltd. carries out repairs and modernization in a customary extent at following machinetools:

- univerzal and CNC lathes till turning diameter 2000 mm
- milling machines till table size 1000 mm
- radial drilling machines
- horizontal boring and milling machines
- cylindrical and surface grinding machines
- industry cutting machines
- hydraulic shears and press
- vertical machining centers and single purpose machines

Since year 2001, we have provided the complete modernization and retrofiting of machinetool and control systems. The base of modernization is old used machinetool with or without control system. Many times, the final product has a same or better characteristics than new machine

We are also able to carry out mean repairs, eventually inspections in an arranged extent

## References and realized projects

The base stone of every modernization, retrofitting to CNC or repairs is old used machine-tool. After inspection of our technicians the optional scope of modernization or repairs is propose to customer. The machine after general rapir has a same quality as new machine and keeps all main functions and operational elements as old machine. But the machine after modernization or rebuilding to CNC control acquires lot of new usefull function and new control system, which increase working producivity and working safety.



Old used lathe SUA 125 before rebuilding



The same lathe after rebuilding SU 125 CNC with HEIDENHAIN Manualplus 4110



Old used lathe SUA 125 before rebulding in Spanish Zaragoza



The same lathe after rebuilding SU 125 CNC with SIEMENS SINURIK 840D in plant VVT Vítkovice



lathe SV 18 before general repair



SV 18 after general repair with digital read out Newall



Milling machine FGS 40 CNC  
with HEIDENHAIN iTNC 530



Milling machine FA 4



grinding machine BPV 700 / 300



Modernization of injection press



horizontal boring and milling machine  
WD 130 na CNC řízení

## Our other services

### Measurement geometry of machine tools

#### Reduce your scrap to minimum

Thanks to a unique technical equipment we are able to independently provide measure the geometry of your machine and help you with the correction of errors found on the machine.

The diagnosis of errors using measuring systems, QC10 Ballbar and measuring system XL 80 from Renishaw. Both these systems represent the peak of the tools for the diagnosis of machine tools and measuring machines.



## New machinetools

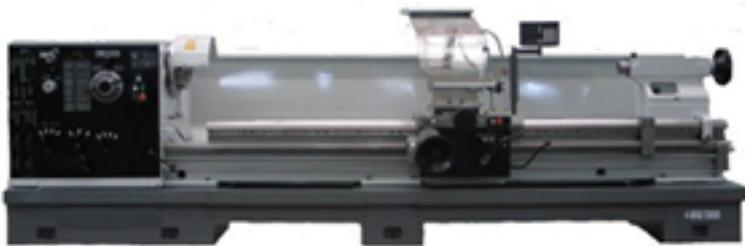
The company M-MOOS ltd. and CZ MOOS TRADING Ltd. place reasonable priced product of horizontal boring and milling machines, heavy duty lathes in conventional and CNC version, machining centers, grinding machines and radial drilling machines on the market in Middle and East Europe. You can choose from wide product range



Teach-in and economical CNC flat bed lathe with turning dia 300 - 1600 mm



Precision CNC slant bed lathes with turning diameter 400 - 800 mm



Universal horizontal lathes with turning diameter 320 - 1600 mm



Heavy-duty lathes with big spindle bore and turning diameter 1000 - 5000 mm



Vertical machining centers with table size 700x320 až 1600x630 mm



Horizontal machining centers for pallet system 400x400 až 1000x1000 mm



Radial drilling machines with drilling capacity 35 -120 mm



Drill presses with drilling capacity 30-50 mm



Universal and tool milling machines



Precision surface grinding machine with table size 160x375 až 810x3150 mm



Universal and CNC cylindrical grinding machines for external and internal grinding

## Contact

Don't hesitate to contact us and arrange visit.

### Modernization and repairs

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### New machinetools

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