



SUM ODRY s r.o.
Engineering–Maintenance–Assembling



Single purpose machines and equipments • Renewals, modernizing, general repairs of machines and manufacturing lines • Production of engineering parts • Automatic lathe parts production • Engineering job-order manufacture • Technologies transportation • CNC turning operations, milling operations • Locksmithery works • Specialized and sheetmetal works • Electrical services • Automatization • Development and design

COMPANY INFORMATION

SUM ODRY Ltd. was established in **1999**, after privatization of OPTIMIT ODRY Company (now SEMPERFLEX OPTIMIT) machining production.

Before 1999 this production had been creating the zone of interior for these companies in **spare parts production, general repairs, CAM machines production, assembling works and production of dedicated devices.**

After the privatization in 1999 our **company has retained its brain ware** and also **has expanded the areas of activities beyond the rubber and plastic industry.** The company owns sufficient **machine plant** as well as **highly professional and skilled employees** for its activities, **own designing department, tool-making and stock holding.**



Our company is operating in **3 cardinal areas of machining industry** - work piece single-part production, automatic lathe series production, technological equipment and production lines prototype production.

Work piece single-part production is being provided in accordance with our own, or our clients drawing documentation in the company machine plant (please see the summary of production)

Automatic lathe series production is being provided on the basis of ad measurement, accuracy, elaborateness requests on mechanical or CNC units.

The production lines and technological units production comprises constructional works, production and assembling including automatization, transportation and assembling at the place of destination. Also we provide the production transfers in EU and beyond EU with inter stop in our plant, where all eventual repairs, renewal or modernization can be provided.



LIST OF SERVICES

The following list may not include entire list of provided services. Please apply to us with your request and you will receive the actual information by return.

We are looking forward to each added question.

METAL WORKING



Metal and non-metal materials machining, provided by CNC and classical machining cutting operations, including additional services (surface finishing, heat treatments etc.)

AUTOMATIC LATHES



Rotary parts production provided by mechanical and CNC automatic lathes in volumes and series by clients request, made from metal and non-metal materials.

MACHINE UNITS AND MANUFACTURING LINES



Machines and units production on the basis of client's, or our own production documentation, made-to-measure solving for various branches of industry and production. We realize complex supply, including various level of automatization.

RENEWALS, REPAIRS, TRANSFERS



Repairs from minor service mission to complex reconstruction and modernization. We provide worldwide technologies transportation. To these services we also offer possibility of renewal – the technologies are picked up, delivered into plant and after a renewal, general repair or modernization, delivered back to the place of client's, where we ensure the complex putting of the technologies in operation.



SERVICES INFORMATION

Metal working



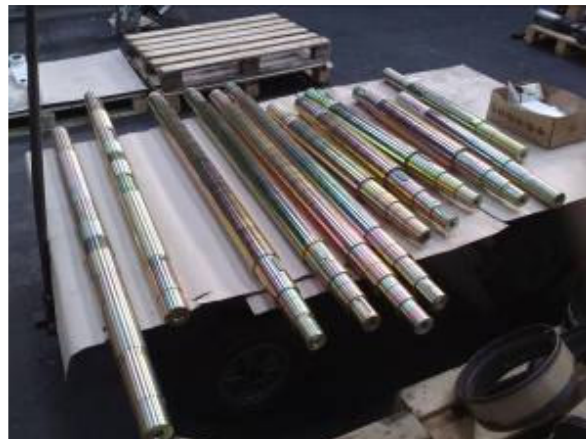
Company metal production centre fulfils two main principal functions: it's a **source of components used in company's production processes** as well as the producer of **components and spare parts for our customers** in accordance with obtained drawing documentation. The **own warehouse stock with the wide range of material** ensures the **short delivery terms for spare parts and examples**. Quantity of produced series has no limits; we are mostly oriented on less quantity with higher parts elaborations. Exception is automatic lathes with reverse orientation.

- we accept all formats of drawing documentation
- we guarantee fast, accurate and reliable delivery
- check out equipped with modern technologies
- possibility of consequential operations, as surface and heating finishing
- possibility of parts assembling



Digital profilometer
guarantees accuracy of your
parts

EXAMPLES OF METAL PARTS PRODUCTION





SUM ODRY s r.o.

Engineering–Maintenance–Assembling





TOOLING OPERATIONS

Drilling:

- bench, vertical, radial drilling

Boring:

- horizontal, vertical, coordinate boring

Turning works:

- multi-spindle automatic lathe turning

- CNC turning

- horizontal boring machines, tooth system milling

Milling works:

machines, milling, CNC milling

Grinding works:

- operating grinding

- point grinding

- flat grinding

- tools grinding

- round grinding

Planing:

- planing operations

Slotting operations:

- vertical slotting

- CNC lathe, lathe with contrary spindle, 5axis

Machining centers:

- CNC high speed milling machine

Spark-out operations:

- electro erosion cutting within 4 axis



SERVICES INFORMATION

SIX-SPINDLE AUTOMATIC LATHES PRODUCTION

We are offering the production capacities in spare parts multi-spindle automatic lathe machining, appropriate for higher quantity production series. We have longstanding experiences with bearing steel machining. The substantial volume of this production is composed by semi-finished goods for bearings as well as hydraulic ends for armored hoses.

We are able to produce any type of rotary parts from various materials on the basis of your request.

- **Materials from free-cutting steel to stainless steel**
- **Diameters from 15mm to 67mm**
- **Lengths of parts up to 170mm**
- **High accuracy is a matter of fact**



Hydraulic hose ends line



Bearing rings line

STOCK OF MACHINERY:

- **6-spindle automatic lathes AN 6/40 A**
- **6-spindle automatic lathes GILDEMEISTER AS32, AS48, AS67**



SERVICES INFORMATION

Machine units and manufacturing lines



1. Realization of Thermo laminator for Shaw Almex USA. This press is determined for lamination of kitchen/office furnishing.

2. Thermo laminator is ready for transportation to Hannover.

3. We are helping out to promote our product on international trade fair in Hannover.

Prototype productions constitute the bulk part of our company's production. We are focusing on custom solutions in various industrial segments, especially rubber industry, plastic, food-processing, wood and automotive industry. Commonly we realize two different techniques: production on the basis of custom documentation and company production with own development and design. We have experiences with wide range of technologies implementation and we are able to produce, repair and customizing simple machines as well as fully automated lines. Thanks to our partners we are able to suggest and produce fully robotized workplace. In the case, when repairing of some of your machines is not effective anymore, we are able to produce equivalent replace with our own suggestions concerning improvements for higher production effectiveness, safeness and compliance with new, harmonized standards.

- Designing and 3D simulation in SolidEdge system
- Own parts production from all sorts of materials
- Own plant for assembling, surface finishing on the basis of customers request
- Securing the compliance with standards and rules in operation, in EU and within EU as well
- Effective solution with emphasis on production costs reduction and environment improvement
- Integration of Poka Yoke system and automated quality control equipment and production economy



Renewals, repairs, transports...



1



2



3



4

1. Transfer preparation of technologies in Wales (Great Britain)

2. Sequence renewal of machines in SUM Odry Ltd.

3. Installation of renewed machines in customers plant

4. 10 years-old machine looks brand-new after the renewal and as such it works

Our company is among others activities operating in machines repairs and repairs of various sorts of machinery. On the top of permanently provided contract services we provide sophisticated major repairs, reconstructions and modernization of technologies. In many cases, there are ways to reach equivalent effect as at brand-new technologies purchase but with significantly lower costs. Renewed machines leave our plant in accordance with valid standards, contract requirements and with improvements, which increase their reliability and productivity.

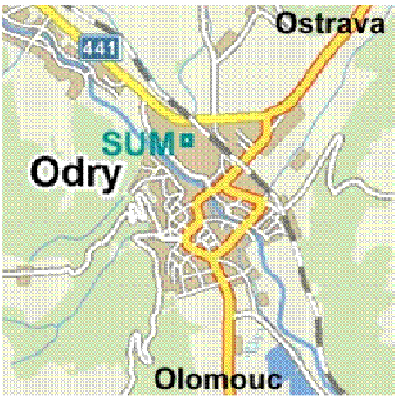
- We provide original documentation for older machines
- We provide charge-free condition of equipment estimation and repair costing
- We provide disassembling, transportation and assembling in the EU as well as worldwide
- On the basis of agreement we use original or own produced spare parts at repairs
- At changes we execute Declaration of conformity
- Customer has permanent control over work flow
- Two years guarantee period on provided works



SUM ODRY s r.o.
Engineering–Maintenance–Assembling



CONTACT INFORMATION

<p>SUM Odry s r.o. Vítkovská 391 742 35 ODRY</p> <p>Telefon: (+420) 556 763 554 Fax: (+420) 556 763 254 E-mail: info@sum-odry.cz WEB: www.sum-odry.cz</p> <p>IČO: 25830988 DIČ: CZ25830988</p> <p>You can find us in the areal of Semperflex Optimit</p>	<p>You can contact us by phone, fax or e-mail or visit us directly on below stated address. Working hours for job order receipt: 7:00-15:00 or by individual agreement.</p> <p>Certainly you will be welcomed to visit us and we will review aspects of your request and eventually suggest preliminary solving you need.</p> <p>We are looking forward to meet and communicate with you.</p>	
--	--	---