



Engineering-General repairs- Modernization Manufacturing special purpose machines

#### SERVICES INFORMATION

#### Machine units and manufacturing lines

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 customize simple machines as well as fully automated lines. Thanks to our partners we are able to design and produce fully robotized workplace. In the case, when repairing of some of client's 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...

Our company is among other 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





Engineering-General repairs- Modernization Manufacturing special purpose machines

#### **REFERENCES**

Here is a brief list of some of our projects. For more information please use our website contact page.

## LINE FOR PRODUCTION OF HYDRAULIC HOSES PLACE OF INSTALLATION: SHANGHAI, CHINA

Design, production, transportation and installation of unwinding and winding racks and other accessories of braided line.





























Engineering-General repairs- Modernization Manufacturing special purpose machines

## SHAW ALMEX SMARTPIN THERMOLAMINATOR CUSTOMER: SHAW ALMEX, USA

Manufacture according to specified documentation, transportation, commissioning and presentation at the fair in Hanover Lignea. The device is used to laminate kitchen doors, office furniture etc.

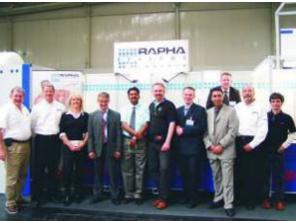
















Engineering-General repairs- Modernization Manufacturing special purpose machines

#### **INJECTION MOLDING MACHINES RUTIL**

**CUSTOMER: United Polymers** 

Transfer from Wales and the general reconstruction of injection molding. Within the transfer of production to the subsidiary was technology dismantled in Wales, transportation to our company and complete reconstruction with subsequent assembly at the customer`s.































Engineering-General repairs- Modernization
Manufacturing special purpose machines





#### **MACHINE FOR THE PRODUCTION OF BISCUITS**

CUSTOMER: J4 S.R.O.

Production of machines for biscuits and gingerbread according to specified mechanical design.





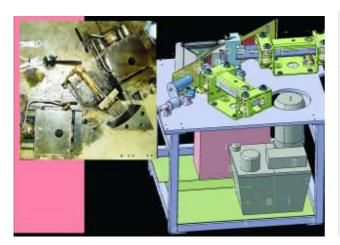


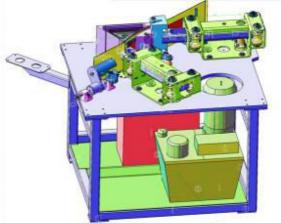


Engineering-General repairs- Modernization Manufacturing special purpose machines

#### **SEMI-AUTOMATIC BENDER FOR WEDGE**

The equipment is used for bending safety wedges before welding. Wedges are used to ensure trucks.













Engineering-General repairs- Modernization

Manufacturing special purpose machines

#### VULCANIZING PRESSES 800 X 800 MM, 800 X 1000 MM

**CUSTOMER: PETEX Automotive** 

Production of 26 pieces of new vulcanizing presses 800 x 800 mm and 800 x 1000 mm















Engineering-General repairs- Modernization
Manufacturing special purpose machines

#### **VULCANIZING PRESSES 800 X 800 MM**

**CUSTOMER: SGT Zubri** 

Renovation and modernization of 21 pieces of old vulcanizing presses 800 x 800 mm













Engineering-General repairs- Modernization Manufacturing special purpose machines



#### **VULCANIZING PRESSES 1200 X 1400 MM**

Renovation and modernization of vulcanizing press 1200 x1400 mm









Engineering-General repairs- Modernization Manufacturing special purpose machines

## DEGREASING EQUIPMENT CUSTOMER: LUZAR – DALCO

Construction and manufacture of degreasing equipment for cylinders degreasing











Engineering-General repairs- Modernization Manufacturing special purpose machines

PRESS CROCODILE CUSTOMER: SHAW ALMEX, GERMANY

Press for production of endless conveyor belts











Engineering-General repairs- Modernization
Manufacturing special purpose machines

## COOLING LINE CUSTOMER: FRANCE

General repair associated with modernization and accompanied by the production of conveyors.





















Engineering-General repairs- Modernization Manufacturing special purpose machines

## WINDING STANDS INCLUDING SPACING CUSTOMER: SEMPERIT, Austria

Production and assembly of winding stands, including lying for the production line of hoses













Engineering-General repairs- Modernization
Manufacturing special purpose machines

#### Installation and testing of equipment at the customer in Austria













Engineering-General repairs- Modernization Manufacturing special purpose machines

## **EXTRACTING LINE OF MANDREL** CUSTOMER: HATYAI, Thailand

Production extracting line of mandrels, including transportation, installation and commissioning lines at customer in Thailand











Engineering-General repairs- Modernization Manufacturing special purpose machines

# LINE TO REPAIR A BANDAGE CUSTOMER: SEMPERFLEX OPTIMIT Production of lines for bandage repair













Engineering-General repairs- Modernization Manufacturing special purpose machines

#### REPAIR CALENDER 560X1500

General repair and installation of calender at customer











Engineering-General repairs- Modernization Manufacturing special purpose machines

#### MIXING LINE

Dismantling of mixing lines in Germany, medium repair and subsequent installation at a new customer in the Czech Republic.



















Engineering-General repairs- Modernization Manufacturing special purpose machines

 $\frac{\texttt{COOLING LINE}}{\texttt{GENERAL REPAIR OF COOLING LINES} + \texttt{MODERNIZATION}, including assembly at the}$ customer in RUSSIA

















Engineering-General repairs- Modernization Manufacturing special purpose machines

MIXING LINE OF SHAW FRANCIS, type K2
General repair of mixing line Shaw Francis K2, including assembly at the customer in RUSSIA



















Engineering-General repairs- Modernization Manufacturing special purpose machines

BRAKE PEDAL ASSEMBLY LINE

Construction design + production of brake pedals assembly line











Engineering-General repairs- Modernization
Manufacturing special purpose machines





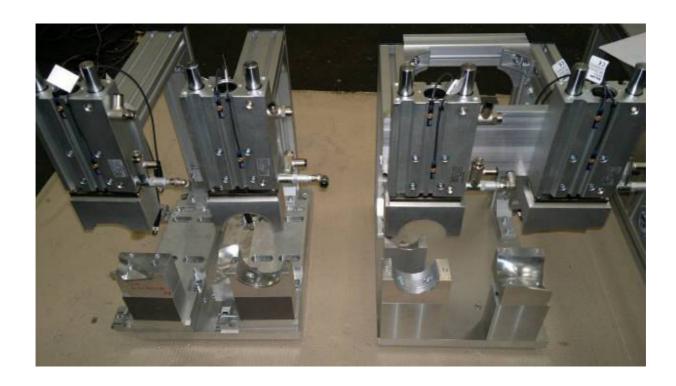
#### **CUTTING STATION FOR PLASTIC PROFILES**

Construction design + production of cutting station























Engineering-General repairs- Modernization

Manufacturing special purpose machines

#### INSTALLATION OF PLASMATRONS SWITCHGEAR CABINETS

Production of devices









Engineering-General repairs- Modernization Manufacturing special purpose machines

## <u>DEVICE FOR STRAIGHTENING PROFILE</u> Construction design + production of devices







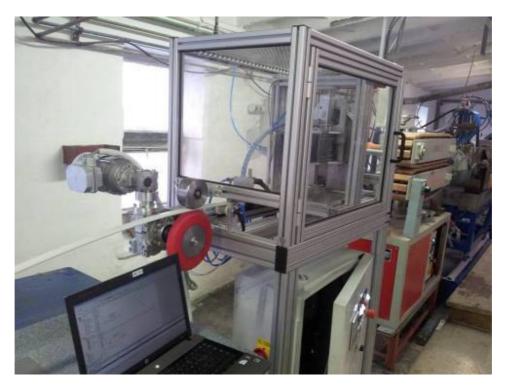


Engineering-General repairs- Modernization Manufacturing special purpose machines

## <u>CUTTING LINES OF PLASTIC PROFILES</u> Construction design + production of devices











Engineering-General repairs- Modernization Manufacturing special purpose machines

#### **HYDRAULIC PRESS, 3 TONS**

Construction design + production of devices





#### **CONTACT INFORMATION**

#### SUM Odry s r.o.

Vltkovska 391 742 35 ODRY Czech Republic

Phone: (+420) 556 763 554 Fax: (+420) 556 763 254 **E-mail:** <u>info@sum-odry.cz</u> **WEB:** <u>www.sum-odry.cz</u>

VAT: CZ25830988

You can find us in the areal of Semperflex Optimit

.

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.

Certainly you will be welcomed to visit us and we will review aspects of your request and eventually suggest preliminary solving you need.

We are looking forward to meet and communicate with you.

