ADAMUS SA, POLAND
ADAMUS SA was established in 1981 as a privately owned company specializing in the design and production of injection moulds for plastic processing industry.
Two years later, the design and production of tablet press tooling was started and the company gradually broadened the product portfolio to the pharmaceutical industry adding other spare parts for tablet presses, capsule fillers and format parts for blister lines.
Our Company Mission is to deliver products and services of the highest quality and competitive price whilst maintaining short delivery times.
To reach these goals Adamus SA systematically modernizes the software (CAD/CAM, ProEngineer) and machinery to keep pace with the increasing market requirements.
All products leaving the workshop must pass the final Quality Control Procedure which is the part of Adamus SA Quality Management System ISO 9001:2000 certified by Germanischer Lloyd.
For tools and spare parts production, the certificated materials are sourced from approved and certified producers only.
The heat treatment process is carried out internally in our own Heat Treatment Department.
In the case of tools requiring special coating (chromium, chromium or titanium nitride, DLC coating) Adamus SA collaborates with proven quality subcontractors.
All these quality features combined together with a large sales network allowing Adamus SA to distribute our products all over Europe and the Middle East to many of the leading International Pharmaceutical, Generic and Contract manufacturers.
The complete Adamus SA product portfolio consists of Tablet Press tools (punches and dies), spare parts for tablet presses, format parts for Blister lines and Cartoning machines allowing us to offer to customers the full package starting from tablet design through to packing the blister into cartons.

PUNCHES AND DIES FOR TABLET PRESSES
Punches and dies constitute the key element of the tabletting process.
They impact on the final appearance and dimensions of the produced tablets, so they must be designed and produced with great precision and accuracy.
During the tablet press operation the tools are exposed to large pressures, corrosive powders or granulates, therefore we must use the highest quality steel.
The tooling must have proper heat treatment and sometimes special coating, preventing the tools from wearing or sticking or even using other special materials such as tungsten carbide.
ADAMUS SA designs and produces punches and dies for all tablet presses types, according to EU or IPT standards or to the specific standards of tablet press producers and users.
In this range, the product portfolio consists of round and shaped tools, mono or multiples.
The tools can be delivered in special plastic boxes adjusted to store the tools safely before and after use.
Each consignment includes a Measuring Report of each individual tool.
Our engineering department designs the tool shape/character on the customer instruction and this can be achieved based on the received tablet or tool samples.
Additionally, we can work from the provided calculation of designed tablet weight or proposal of different tablet shapes, simultaneously keeping required tablet volume.
On request, 3-D tablet visualization is available.
Our vast and long-time experience allows us to design the tooling for tablets with different shapes, various embossing and logos, taking into account the requirements for maximum working life of tools used for tablet pressing and durability of the tablets during finishing steps (coating, blistering etc.)
SPARE PARTS FOR TABLET PRESSES
Our knowledge about the tableting process allows us to broaden our product portfolio by adding manufacture of other spare parts for tablet presses.
High quality of the produced parts, reliability and competitive pricing gives our customers the possibility to achieve substantial savings without the risk of inferior working parameters of the tablet presses.
Our Spare Parts portfolio consists of:
- cams from plastic, bronze or steel
- pressing rolls
- feeders
- scrapers

Additionally we specialize in restoring the correct turret working parameters, therefore we offer:
- assistance for turret diagnosis
- determining the turret elements which require overhaul or replacement
- regeneration of the complete turret or its individual parts
- new turret production
The key factor is our knowledge and experience of all the technical conditions which are essential for proper functioning and operation of all the tablet press parameters as well as the punches and dies to assure operation according to tablet press manufacturers’ specification.

FORMAT PARTS FOR BLISTERING MACHINES
Understanding the customer requirements for fast introduction of new products, ADAMUS SA offers high quality format parts for blistering machines of all types.
We have extensive knowledge and experience with UHLMANN, BOSCH, MARCHENSINI, IMA, CAM and KLOCKNER machines.
Our well-equipped Engineering Department allows us to prepare reliable design and documentation which assure correct blister line operation.
ADAMUS SA experience includes also for design and production of the cartoning machine format parts giving us the capability to execute complex projects for setting up whole packing lines.
We offer:
- 2-D or 3-D design of the blister with visualization which allows to estimate the appearance and functionality before producing the format parts and finally the blister itself,
- short delivery times which allow to reduce the time needed for product launch into the market,
- very efficient communication
- correct blister line operation
- immediate reaction when customer needs our help

Commonly supplied parts:
- forming plates,
- feeding devices,
- foil guiding rails,
- sealing plates,
- sealing and guiding rolls,
- perforating station,
- cutting tools,
- coding stations.

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