

Order from North America

VALDARNO is pleased to announce having received an important order at the beginning of 2006 from a renowned North American industry group, for the supply of equipment for pre-forming, extruding and trimming of large steel forgings.

The order refers in particular to the supply of mechanical presses of the VPS 1/PR series, as well as hydraulically actuated presses of the VPS 1/Hydro series.

VALDARNO's mechanical presses of the VPS 1/PR series, available with rated power up to 12'000kN, are primarily characterised by the high energy rate from the twin layshaft design, and by the variable speed. Typically used for hot pre-forming and trimming operations, these presses have also proven high reliability in cold forging of aluminium components.

VALDARNO's hydraulically actuated VPS 1/Hydro press series, available with rated power up to 26'000kN for the four-columns design, is specifically developed and built for hot pre-forming, extruding and forging operations. Depending on the intended task, working speed at maximum pressure can reach up to 600mm/s.

The presses are currently under construction and will be tested at VALDARNO's plant in Mornago (VA) during October, for then entering production after erection and approval testing at customer's site during the month of January 2007.



Exhibition events 2006:

- **Metallobrabotka
Moscow
May 23rd-27th**
- **Tatef
Istanbul
September 12th-17th**

Overhauling of large presses



The overhauling and modernisation works of a large 15'000kN Wilkins & Mitchell mechanical trimming press are near to conclusion.

Taking advantage of the potential offered by VALDARNO's new facility in Mornago (VA), featuring hoisting capacities of up to 100t (hook height 12.5m) and adequately sized pits, handling the remarkable dimensions of this press, over 130t overall weight and 8m height, poses no difficulties.

By entrusting works of similar entity, markets are rewarding VALDARNO's investment in the new plant. At the same time, the company's strategic positioning, as experienced and well equipped competence centre for overhauling and modernisation of large mechanical and hydraulic presses from any maker, proves successful.

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VALDARNO
CESOIE PUNZONATRICI E PRESSE
Forging solutions since 1949

Established 1949, VALDARNO develops, designs, builds and supplies machines, equipment and lines mainly for the close die forging industry.

During many years of close and daily contact with companies and industry operators, in Italy and abroad, VALDARNO has acquired knowledge and competences which enable it's specialists and engineers to study, realise and propose manufacturing solutions expressively designed for specific fields, such as for example, the production of leaf springs, spiral springs, high resistance bolts, motor valves, tube fittings by hydro-forming.

For any information, feel free to directly contact Mr. Ivan Della Cà, valdarno@bluewin.ch, phone +41 91 910 68 51

Hot shearing

B.C.G.S. series

When the supply of bar slugs in medium/high volumes of high graded steel or large sections is required, often the best solution results to be automatic hot shearing.

VALDARNO's shear program includes shearing equipment specifically designed for such application: the B.C.G.S. series. Featuring special bar feeding and handling functions, the equipment operates, supported by electronic line control, fully automatic.

Bar heating is provided by induction or gas oven, or by a mixed gas/induction system, depending on process requirements and utilities available, or convenient at destination plant.

These special hydraulic shears, available with rated force up to 3'500kN, enable automatic shearing of bar sections up to 250mm at, depending on shearing length, up to 240pcs/hour, without compromising the metallurgical prop-

erties of the sheared material.

