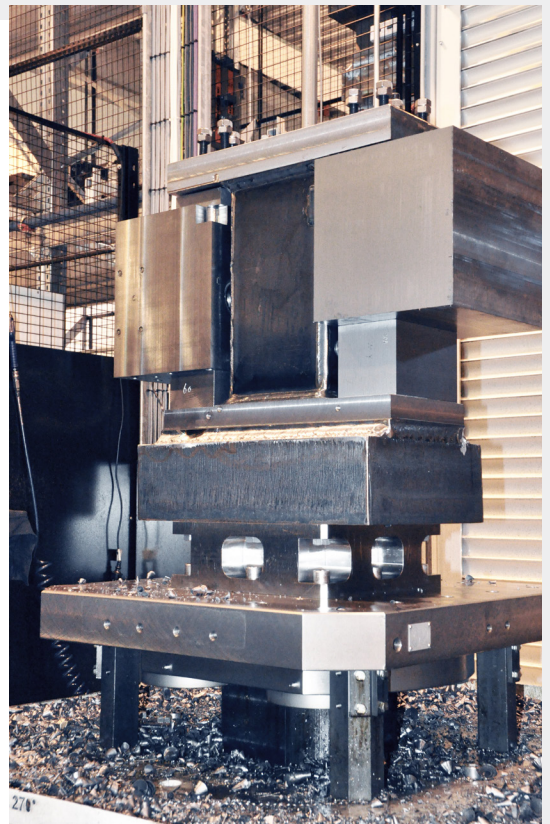


SERVI MANUFACTURING CAPABILITIES

COMPREHENSIVE ASSEMBLY OF MACHINERY INCLUDING FACILITIES FOR SANDBLASTING AND PAINTING



We are very proud to present our brand new and modern workshop and assembly of machinery. This enables us to achieve the highest product quality according to most standards and customer requirements - in new design and production, as well as overhauls and modifications. Try us on your next project - you won't regret it!

LATHE

HEAVY DUTY CNC HORIZONTAL LATHE: TAKANG FA55X8150 (INSTALL MARCH 2015)

Swing over bed /Diameter 1430mm, Distance between centers 8 000 mm.

HEAVY DUTY CNC HORIZONTAL LATHE: TAKANG FA80X14150 (INSTALL MAY 2015)

Swing over Bed/Diameter 2050mm, Distance between centers 13 000 mm.



LATHE

We have three multi-axis turning lathes with bar feeders, with or without sub-spindle, enabling us to produce practically all slides in our in-house workshop. Covers and other parts are also manufactured in the lathes, as they all have rotating tools.



TUBE HONING

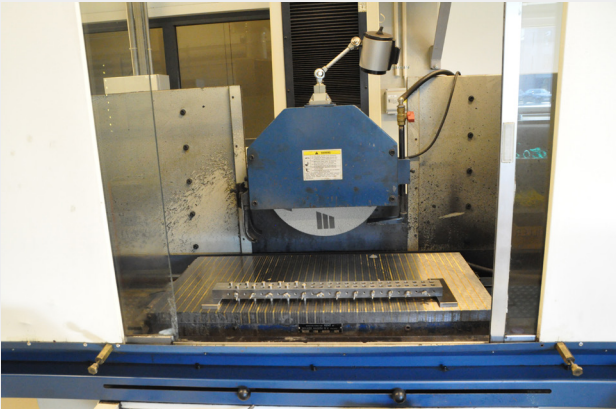
TUBE HONING SYSTEM – SUNNEN HTS 124-130

From inner diameters ranging from 10 to 1000 mm, and lengths up to 13000 mm. Automatic bore geometry correction and programmable dimension monitoring.



GRINDING

Using both plane and circular grinding machines, most of our parts have tolerances within the thousandths.



MILLING

HIGH PERFORMANCE MILLING MACHINE - FPT VERUS M80

Machinable parts up to 1500 x 2500 x 8000 mm in a single machine set up. Possible to increase size of machinable parts by using additional set up.



MILLING

IBARMIA ZV50/L3000, 2015
X 3000 MM
Y 600 MM
Z 800 MM

Mounted raw materials, ready for
production

MACHINING

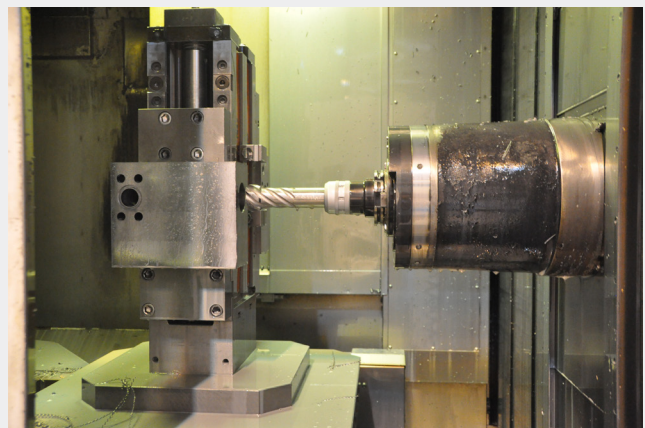
MULTI-TASKING MACHINE - MAZAK INTEGREX E500HSx1500

This 5-axis multi-tasking machine adds innovation to 21st century manufacturing. From raw material to finished component in a single machine set up - «DONE-IN-ONE».



MACHINE CENTRE

We have Five Mori Seiki machining centres, X-Y-Z + B, with a capacity to produce parts of up to 500*500*500 mm.



Four of the machines are placed together with a storage machine and production cell from Fastems, making more than 1,000 tools available in the tool changers at any given time.

Tool changer with 330 tools

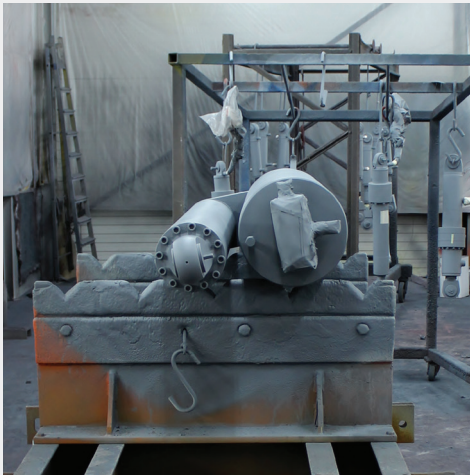


THERMAL DEBURRING

In this unique process, gas is ignited to heat up the grades and chips so much that they evaporate. This makes the process a lot safer than manual grading, or other forms of mechanical grading. All the operator needs to do, is place the part on one of the five pallets and start the cycle. After a few minutes, the deburring is complete, and the part can be sent through to the final cleaning process before being assembled or placed in stock. Thermal deburring combined with cleaning before and after, ensures the best finish for our components.

SURFACE TREATMENT - SANDBLASTING AND PAINTING

At Servi Hydranor we perform all types of surface treatment under the same roof as manufacturing and assembly, enabling us to provide 1st class products in every step of the process. We supply coatings for all types of environment, in compliance with most standards and customer requirements. Combined with new, modern facilities and larger capacities, this makes us a preferred supplier in our industry.



PROCESS CRANES

Efficient and flexible cranes ensure impressive performance in production. Capacity: up to 32 tonnes



MOUNTING STATIONS FOR RAW MATERIALS, AS WELL AS IN AND OUT STORAGE



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