

VENTURA®

Smart turning solutions



Sales • Repair - Spare parts • Layout - Service • Digital Solutions

Products

Our products stand out with their quality standard

All over the world, the Ventura® name and logo are considered a quality standard for top results.

We do our utmost to ensure that our products and services will remain closely linked to our name in the future.

- ◆ Automatic and CNC lathes
- ◆ Rotary heads
- ◆ Spare parts
- ◆ Equipment
- ◆ Services: personalised system solutions in high precision turning, without in-house production (neutrality)

Rotary heads

- ◆ D2 (type R or R2), D5 or D6
- ◆ Sub-sets : tool-holder shafts D2 or D6 as well as D6 guide bush ball bearings (type D or B).



HW Tool-head (patent)

- ◆ HW 10,000-12,000 rpm (patented)
- ◆ To date, over 1000 HW 10,000-12,000 rpm units have been sold worldwide.

Machines





New or Retrofitted Machines

- ◆ Complex transformation proposals
- ◆ Inspection and advice: new machine or retrofitting
- ◆ Repainting of the machine and its components
- ◆ Technology : The material, which is coil stock or bar, does not rotate. The cutting tools are mounted onto the tool head which rotates around the material to produce the components



Benefits for you

- ◆ Possibility of purchasing a retrofitted machine with 12 month warranty
- ◆ Use of your own machine for new applications
- ◆ Prolong the useful life of the machine
- ◆ No need to train your staff on a new machine
- ◆ Replace obsolete components with current components
- ◆ Preserve the value of your machine



Additional equipment and sub-sets

If you want to extend your range of parts, we can recommend some additional equipment (devices).

- ◆ Revolvers
- ◆ Straighteners
- ◆ AAD devices
- ◆ Knurling devices
- ◆ Hydraulic units
- ◆ Cross drill spindles

Accessories

- ◆ Cover-housing
- ◆ Oil tank
- ◆ Parts bin
- ◆ Oil mist absorber
- ◆ Other on demand



Benefits for you

- ◆ Replace obsolete components with up-to-date components
- ◆ Counteract the signs of aging
- ◆ Preserve the value of your machine
- ◆ Machine updated on-site



Refurbishing and Retrofits

Diversity - Flexibility - Expertise

We would be delighted to assist you with our services for the entire useful life of your automatic or CNC lathe.

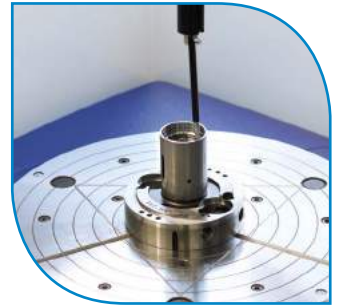


Refurbishing

Rotary head overhaul

In this department, our highly qualified staff overhaul and mount over 1300 rotary heads each year.

- ◆ Ball race ground on CNC
- ◆ Roundness check on Taylor-Hobson Talysurf
- ◆ Profile and roughness check on Mitutoyo
- ◆ On request and subject to availability: standard exchange service



Work carried out

CNC grinding of ball race - polishing - milling - engraving - reaming - honing - manual run in - adjustment - mounting - balancing - tests and checks.

- ◆ HW 10,000-12,000 rpm (patented), D2 (R or R2 type), D5 or D6, D2-CNC, and NewMach rotary heads
- ◆ Sub-sets: D2 or D6 tool-holder shafts as well as D6 guide bush ball bearings (type C, D or B)





Machine overhaul

After the refurbishing, your machine will work reliably again like at the very start.

Our production site includes a refurbishing service with highly competent staff.



- ◆ Inspection and advice
- ◆ Complete dismantling of the machine
- ◆ Changing of all bearings and non-compliant parts
- ◆ Repainting the machine and its components
- ◆ Subject to availability, possibility of lending out a machine for the duration of the overhaul
- ◆ Assembly of the machine and adjustment of the relevant alignment
- ◆ Reactivation with checking of functionality and alignment
- ◆ Warranty on all services provided

Benefits for you

- ◆ The precision and productivity of a new machine
- ◆ Prolong the useful life of the machine
- ◆ No need to train your staff on a new machine





Sub-set overhaul

Detailed analysis of your machine sub-set

- ◆ Cost estimate
- ◆ Reaming of revolvers on our 12-tonne Dixi reamer
- ◆ Changing of tracks on the straightener casing
- ◆ Functionality and alignment check
- ◆ Change of worn parts
- ◆ Assembly of the sub-set, run-in and alignment tuning
- ◆ Repainting of components



Upon request

- ◆ Transformation of your machine
- ◆ Installation of additional options
- ◆ Commissioning - run in

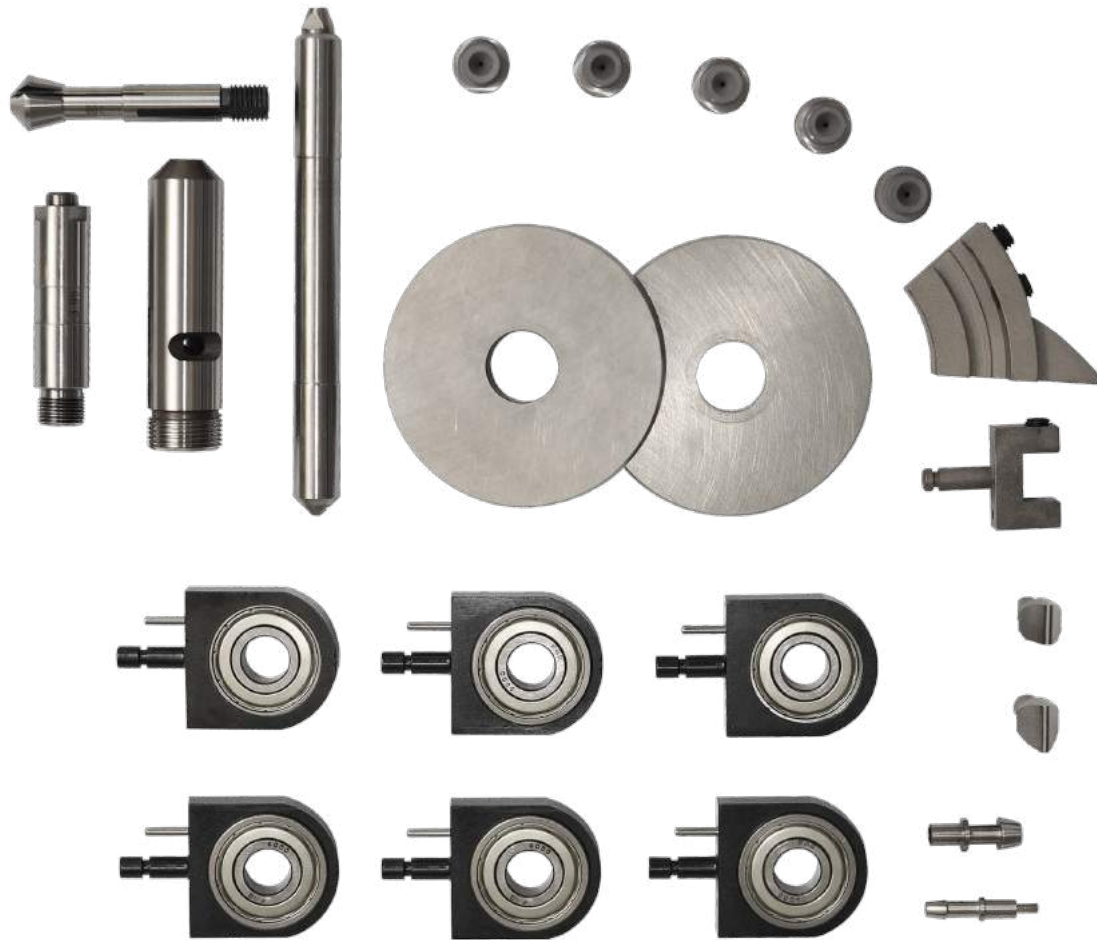
Benefits for you

- ◆ Refurbishment of your sub-set
- ◆ Prolong the useful life of the machine
- ◆ Eliminate alignment problems





Layout - Tools



Tools for Ventura® and Escomatic machines.

- ◆ Straightening bushes for D2, D4, D5, D6 machines
- ◆ Cam toes
- ◆ Feed rollers
- ◆ D2 Collets
- ◆ D2 Collet holder and tapered sleeve for closing for D2
- ◆ D4 Collets
- ◆ D6 Collets
- ◆ New Mach Collets
- ◆ Standard cams
- ◆ Other positions on demand

Materials

Your machine will lack nothing with our materials service.



Spare parts

- ◆ Experienced team of spare part specialists
- ◆ Identification and shipping of the appropriate parts
- ◆ Several thousand original spare parts



These parts comply with the high quality requirements of our clients.

Each part we sell is documented in the production drawing and technical specifications.

Overhauled parts

Some spare parts deserve repair: we replace them, repair them in our specialised overhaul workshops and return them to the distribution circuit.

And of course, we offer a total warranty.

You can then choose between a spare part or a cheaper overhauled part - with identical delivery times.

Accessories

We provide a broad range of accessories and devices: our staff are at your disposal and will provide you with all necessary information on our accessories programme.

Digital solutions

- ◆ Softcam programming software (virtual cams), developed in-house
- ◆ Possibility of integrating the V-Connect solution with or without Softcam (Industry 4.0)
- ◆ Interconnect - collect - analyse
- ◆ Reduction of the programming time
- ◆ Monitoring of the machine productivity in real time





Qualification and training

Thanks to the appropriate level of qualifications, your staff have all necessary knowledge to use your machine to the optimum.

Training on-site at the client's or our own premises

- ◆ Personalised training
- ◆ Turning in general
- ◆ Controls
- ◆ Programming
- ◆ Special training

Our courses include turning in general, controls and programming and, finally, special training.



Preventive maintenance

Thanks to prevention

- ◆ Fewer breakdowns
- ◆ Longer machine life



After Sales Service

- ◆ Qualified customer service technicians
- ◆ Reactivity
- ◆ Technical assistance by factory specialists
- ◆ Breakdown identification
- ◆ Repair
- ◆ Detailed intervention report



Client advice

We are fully at your disposal to advise and support you in the implementation of your projects.

We determine your needs in order to target our recommendations.



Tradition - Innovation

Automatic and CNC lathes since 1983



Ventura Mecanics SA

For decades, Ventura Mecanics SA has represented precision, quality and longevity to a broad, world- renowned clientele.

- ◆ Small business created in 1983 (16 people)
- ◆ Among the market leaders
- ◆ Sale and overhaul of automatic and CNC lathes for the turning of parts of between 0.15 and 9.00 mm in diameter
- ◆ 2000 Ventura® automatic and CNC lathes supplied
- ◆ Several tens of thousands of rotary heads sold (patented) or overhauled



Swiss made expertise and competence

Ventura Mecanics SA is synonymous with top quality Swiss materials, software, systems integration and customer service.

- ◆ Expertise in the fields of turning, machines and rotary heads (spindles) standard or patented
- ◆ Complete tailor-made solutions – keys in hands solutions for turning parts
- ◆ Swiss quality Spare parts
- ◆ Customer service

www.ventura-sa.com

Representative



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