

## ACTURA Design



### Basic Model in Slim Fit

- optically unobtrusive design thanks to particularly small cross sections (traversing arm 60\*60 mm, column 100\*100mm)
- light flush-to-floor solution
- manual operation (hand wheels)
- very smooth running in all axes
- X guides on the measuring plate
- machine and guide rail can be shifted on the plate
- maximum measuring volume Z 2.1 m, Y 1.6m
- equipped with measuring counter MZ 2000
- options: rechargeable batteries and more

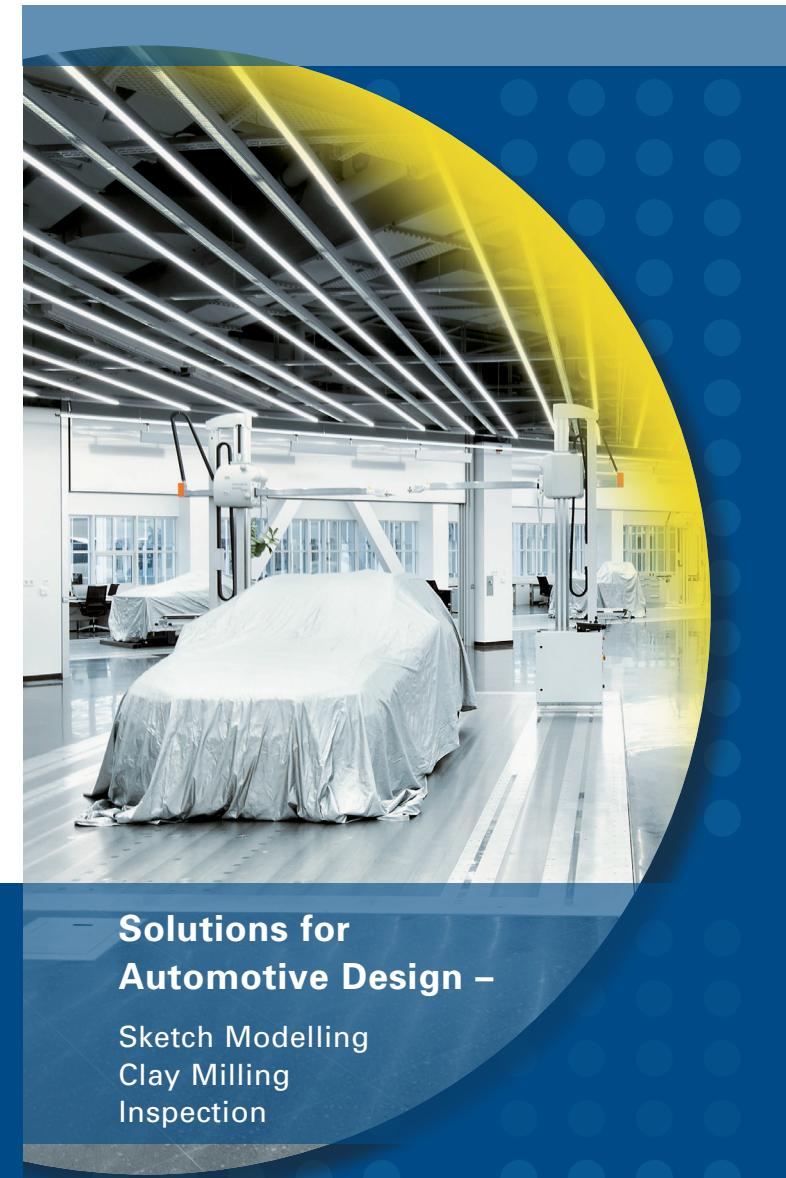


### ACTURA – Keep it simple

- flush-to-floor manual machine with larger cross section compared to ACTURA DESIGN. (traversing arm 80\*80 mm, column 160\*160 mm)

The machine therefore qualifies for more extensive measuring volumes:

- Z up to 3.5 m.
- Y (traversing arm) up to 2.5 m
- Unlimited length in X.



**Solutions for  
Automotive Design –**  
Sketch Modelling  
Clay Milling  
Inspection



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## VENTURA Design



### The Perfect Combination

Thanks to its variety and multitude of options VENTURA Design supports you in speeding up your design process.

The X axis guiding system is integrated in the measuring plate and is very well protected against clay chips. The flush-to-floor plate is walkable and driveable – also on the cover bands.

VENTURA Design machines stand out for their excellent and smooth running. This shows also in the high-quality milling results.

The VENTURA Design is available in two configuration levels. It can be quickly and easily upgraded on site.

### Configuration levels VENTURA Design:

#### VENTURA Design BASIC

- X axis motorized
- Y and Z axis manual
- On-board controller
- Prepared for upgrade to CNC/motorized-manual
- Upgrade at site, 5 days incl. geometrical check
- Software PowerINSPECT man.

#### VENTURA Design ALLROUND

- X axis motorized
- Y and Z axis motorized-manual
- Full milling capability
- interchangeable milling heads (parameter set in SW)
- Additional software: ClayMILLING

### Inspection – Layout – Milling

The VENTURA Design machine allows a very rapid change between milling operation and inspection / layout mode.

The switch is done by means of an adapter cube head with included weight balance to compensate for the different weights of milling, layout and measuring tools.

#### Milling head MILL 20:

- manual swivelling, 15° increments
- nominal capacity 980 Watt
- spindle up to 6000 rpm, adjustable
- for cutting tools, shaft diameter up to 20 mm

VENTURA Design is supported by the user-friendly and perfectly integrated software PowerINSPECT and ClayMILLING by DELCAM.



### Increase Performance and Value

### Upgrade your CMM to Milling

You have a proven measuring machine in your studio and would like to enhance its range of functions?

**We offer retrofits on existing CMMs (STIEFELMAYER/Zeiss and selected other brands), in particular:**

- Retrofit of controller and software
- Expansion to milling functionality

The upgrade to milling operation includes the complete overhaul of the drives, new cabling of the entire machine and an additional mechanical stabilization of the CMM.

**The result** are machines as good as new, with enhanced functions and a technology update to get them fit for the future.

