

SAPORITI SAR 500

CNC machine with disc cutters

To manufacture pumps and compressor screws



The New **SAPORITI SAR** is a CNC machine for the manufacturing of pump or compressor screws by Disc Cutters.

The model **500** can machine workpieces up to 500 mm in diameter with cutters up to \varnothing 440 mm.

This machine is equipped by two hydraulic rests with long blades easily interchangeable.

All the movements are on high precision roller guideways.

The positioning accuracy is guaranteed also by the use of linear encoders.





The CNC Siemens 840D allow the easy Execution of screws by **SAPORITI's** especially developed customized working mask "customer friendly".

Rotor of Ø 420 mm in stainless steel type 17- 4PH (320HB) machined by disc cutter with inserts in one passage



The machines rigidity allows for high chip removal and very good surface finishing. It is possible work up to 80 mm depth by only one passage.