ASA 250w

5-AXES SEMI AUTOMATIC WET DRESSING MACHINE BENEFITS:

Fully enclosed and C.E. Certified.

Solid and vibration resistant construction.

Rotated light source and camera protection sleeve avoiding dust and oil influencing image quality.

Software provided with pre-generated DXF shapes including uploading your special DXF forms.

Profiling accuracy within ±5µm.

Camera system 23x enlarged viewed on 19” height adjustable monitor.

External filtration system filtering within 10µm.

Possibility to connect to an external extraction unit for oil mist.

Accuracy of concentricity ±2µm, Quick spindle change (No calibration required).

Predefined application cycles for each type of profiling, easy to manage.

Quick positioning of the grinding wheel axes during set-up.

Constantly controlled peripheral speed from grinding spindle and dressing spindle.

Oscillation and B-axis feedrate in automatic.

Automatic programmable infeed pass (Operator does not need to participate 100% during dress process).

Programmable number of sparking between each pass to ensure high quality surfaces and profiles.

Works up to 3 axes simultaneously dressing angles/faces/radii including large radii between wheels without removing wheels from the wheel pack.

The coolant reduces the load by constantly cleaning the grinding and dressing wheel. The standard heat generating will be eliminated during the dressing process which results in bond burning protection, extending wheel lifetime and direct improvement from performance and quality of the dressing process.