

MicroStream Abrasive Flow Machining

ADVANTAGES OF COMFORT LINE MACHINES



+ Integrated Heating-/ Cooling system

- Constant temperatures protect the abrasive medium and thus ensure a constant removal performance and consistent machining quality. In addition, the medium's service life is extended.

+ Process management

- Process management with user levels secured via the control panel
- User management with different access permissions
 - > Elimination of possible application errors

+ Multifunctional system/ parameter monitoring

- Database for storing machining parameters for different components
- Streamer database
- Automatic, digitally adjustable speed control [function can be stored]
- Digitally adjustable medium pressure [function can be stored]
- Automatic adjustment of the machining/flow speed as well as the pressure and temperature of the abrasive medium [streamer]
 - > Preset parameters are kept constant
 - > Operator-independent, reliable repeatability
 - > Consistent quality
- Service monitoring
 - > Notifications about upcoming medium changes [freely selectable runtime interval]
 - > Maintenance alarms [e.g. pending inspections for cylinders, pistons, wear parts, etc.]

+ Remote maintenance unit with network connection

- Machines from the Comfort Line series are equipped with a remote maintenance unit. Worldwide rapid response times are thereby ensured in the event of malfunctions.
 - > Higher effectiveness in terms of error correction thanks to faster error analysis, when to initiate measures and when determining replacement parts
 - > Ideal: simple remote troubleshooting or repair instructions
 - > Targeted deployment of service personnel
 - Specialists from the development department can be called in
 - > Optimised maintenance cycles



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