

**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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