

Bühler Services
Partnering for better outcomes

Conversion kit MicroMedia Invicta

The new MicroMedia Invicta brings you a step-change in bead mill technology with innovative chamber design and an improved bead separator system that deliver remarkable wet grinding benefits.

With this conversion kit, you can upgrade your existing MicroMedia X, MicroMedia P or SuperFlow and benefit from the process engineering advantages of the MicroMedia Invicta. For this purpose, an individual conversion package is put together that reduces conversion costs to a minimum, taking into account the current state of the machine.

Compared to the MicroMedia X, you can reduce the specific energy input by up to 25%, cut the running time in half and double the flow rate. Invicta now delivers the same high product quality as MicroMedia X, using significantly less energy. And although the chamber is slightly longer, it still fits the same footprint on your factory floor.



View into the process chamber

New bead separation system creates a more reliable process

The remodeled bead separation system and a new screen design reduce blockages and pressure build-up, as well as helping you to achieve your target particle size faster. This also assures you of improved process safety with maximum reliability.

Benefits



Uptime

- Availability and reliability
- 25% higher efficiency



Capacity

- The output of the production is increased in volume or diversity and/or, productivity improvement
- 50% higher productivity (allows to manage production peaks)



Quality

- The quality (as per customer specification) of the production output is increased and consistently ensured
- Reduced dust emission

Conversion example kit

MicroMedia Invicta process chamber



MicroMedia X with the new Invicta process chamber

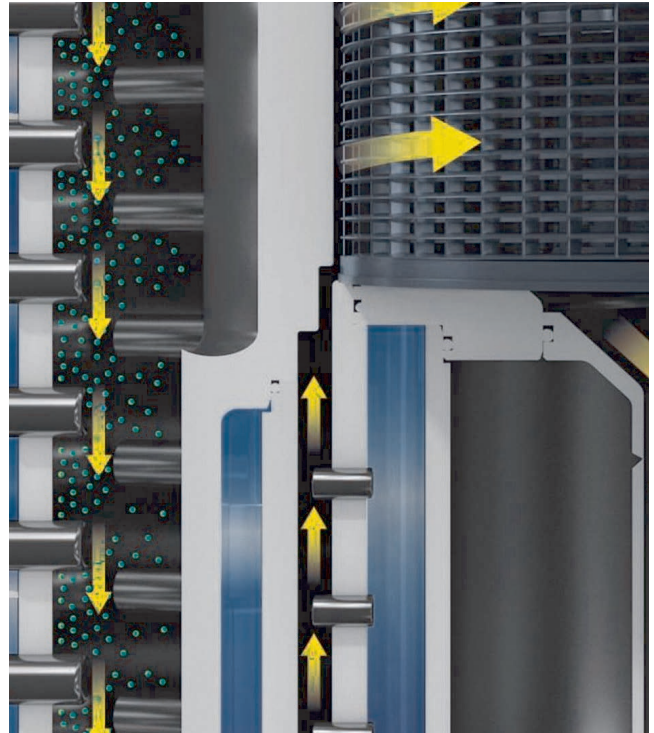


Illustration of the process chamber

Available materials

DraisResist, Ceramic SSiC, Polyamide

Optional increase in drive power [kW]

Depending on the individual product application

Scope of the upgrade package

- Customized MicroMedia Invicta process zone
- All necessary additional parts
- Assembly work
- Commissioning
- Upgrade of the drive unit if needed

Further upgrade options

- Process optimization
- Upgrade of the machine control
- Upgrade to the current ATEX version
- Revision of the complete machine in our service center

If you have any questions regarding this offering or about our services, please mail to cs.gd@buhlergroup.com

Hotline

The direct line to our

Technical Support T +49 (0) 6023 9194 499
Spare parts T +49 (0) 6023 9194 423

Bühler Alzenau GmbH – Business Area Grinding & Dispersing

Siemensstr. 88 T +49 (0) 6023 9194 402
D-63755 Alzenau, Germany F +49 (0) 6023 9194 444
cs.gd@buhlergroup.com buhlergroup.com

