Efficient impeller machining in exceptionally high quality Mikron XT-one
High quality impeller wheels
Turbocharge your productivity with Mikron XT-one

Impeller characteristics
- Ø 56mm
- 6 blades and 6 Splitters
- cycle time: 120 seconds
- imbalancing left < 0.05 g/mm

Save costs and time for balancing
Exceptionally high Impeller quality also due to the ultra-dynamic B/C axis combined with the Mikron XT-one high-speed spindles.

Chip-to-chip time less than 1s at maximum spindle speed
Mikron XT-one

Exceptionally versatile and precise machining center for complex parts
The Mikron XT-one machining center is worldwide amongst the most versatile and precise machines for complex parts. The 5&1/2 side machining capability, simultaneously with 5-axis in a single clamping provides infinite possibilities for any shapes. With its numerous configuration possibilities, every Mikron XT-one can be customized into a perfect solution for your requirements. Worldwide unique and practically limitless is the flexibility to scale up in diverse expansion stages to more productivity with added machining center modules. Mikron XT-one is part of the Mikron Multistep XT-200 building set.

Fastest repositioning with the Dynamic B/C Axis
The ultra dynamic B/C axis guarantees a fast repositioning and the machining of smoothest surfaces. The C-axis reaches rotation speeds of up to 2000 RPM with 20'000°/s2 acceleration, while the B axis allows 150 RMP rotation in a stroke range of ±110°.

Increased productivity, enormous savings – with short non-productive time.
Mikron XT-one is furnished with up to two high speed spindles, with a speed range of up to 40'000 RPM. Thanks to the exclusive 2 spindle concept, the automatic tool change takes less than 1 second, chip-to-chip, even at maximum spindle speed.

Loading without loss in productive time!
Handloading module - Pallet changer, loading and preparing for new parts parallel to the productive time.

Loading optional:
System with a fully automatic loading / unloading module.