DMGMORI

Semiconductor Technology Excellence

THINK BIG – 3nm

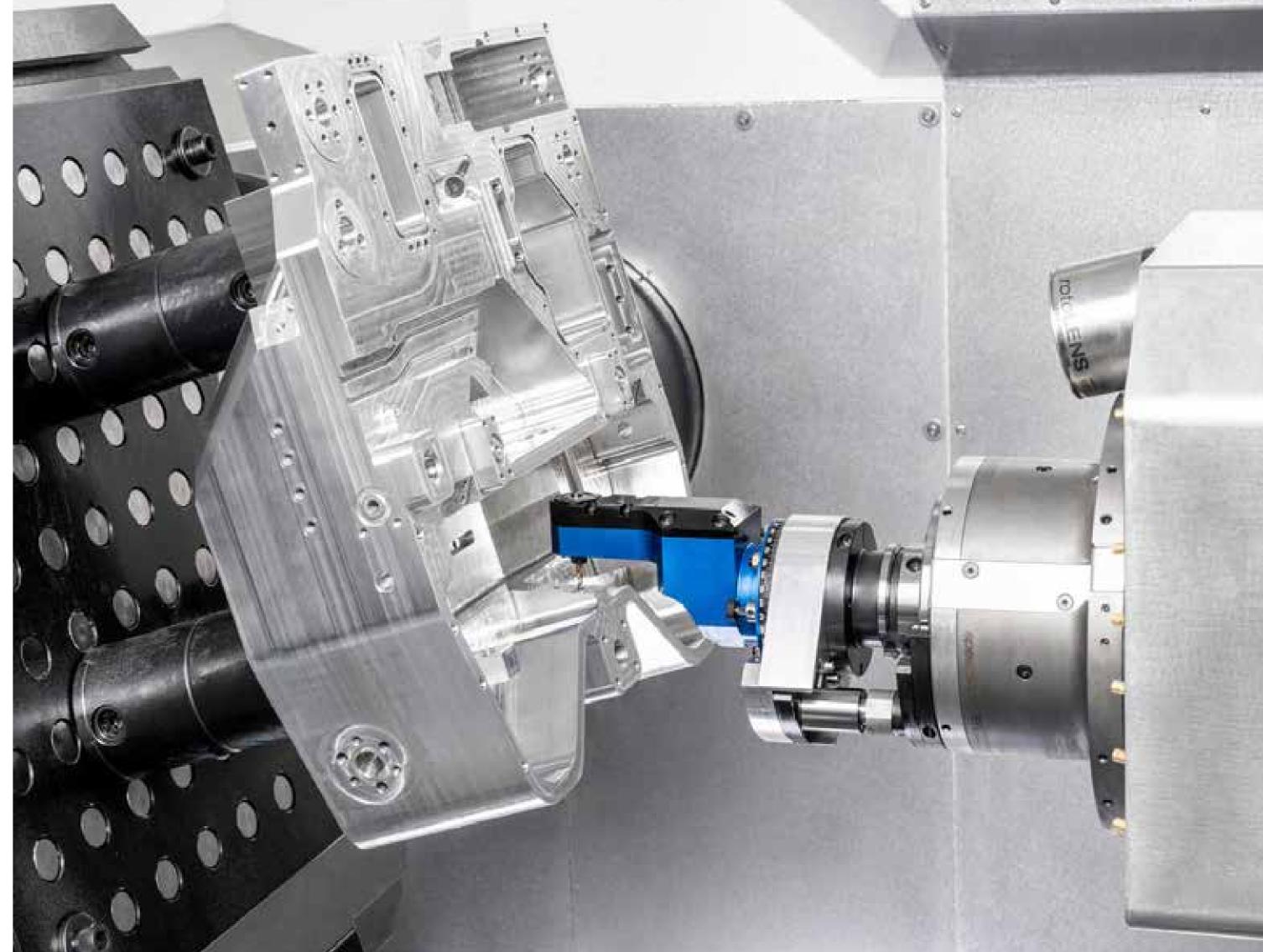


TECHNOLOGY EXCELLENCE | MILLING – TURNING – GRINDING

Author: Bernd Doetterl, Walther Kokx

Principle

- + Technology Know-how at the atomic level+ Innovative solutions recognise and develop in advance
- + Complex processes evident und methodical realisation
- + Sustainable research in harmony with our customers



DMG MORI

Disadvantages

Operator needs to be skilled in different machining applications.

Advantages

- Complete 5X machining | Milling Turning Grinding.
 Machining of advanced materials | Aluminium, Stainless steel, Titanium &
- Machining of advanced materials | Aluminium, Stainless steel, Titanium
 Graphite.
- Technology Integration & In-Process Measuring.
- Automation & Digitisation.Green Button Process.

Production boundaries and limits

Positiv:

- Clean machine for reduced contamination.
 Advanced coolant developement.
- Advanced coolant developement.Branche specific cycles.
- High gloss machining.

Negativ: • Perfect p

Cost

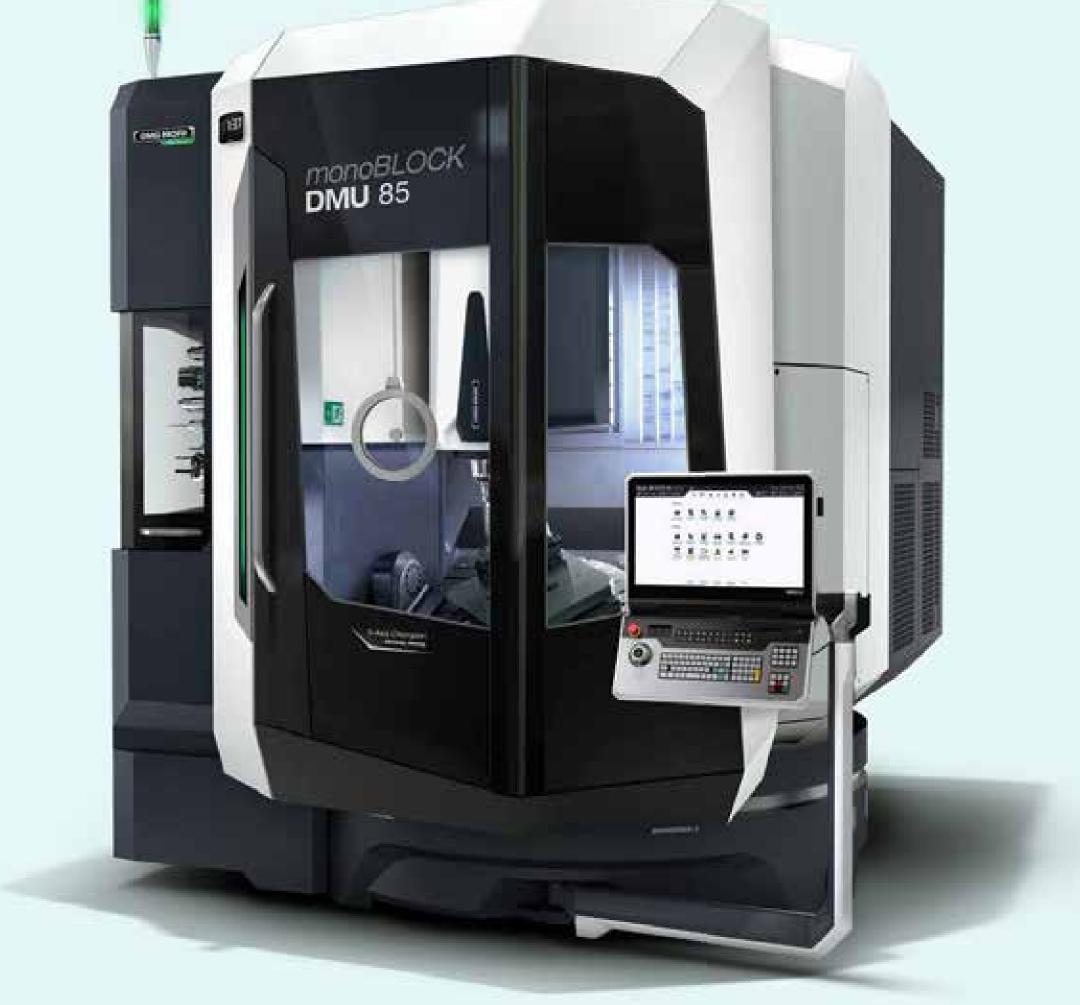
Perfect production surrounding required.
High cleaning and maintenance efforts of the

machine tool.

Valuable investments pay off with best performance, process reliability, complex tasks and highest accuracy.

Examples

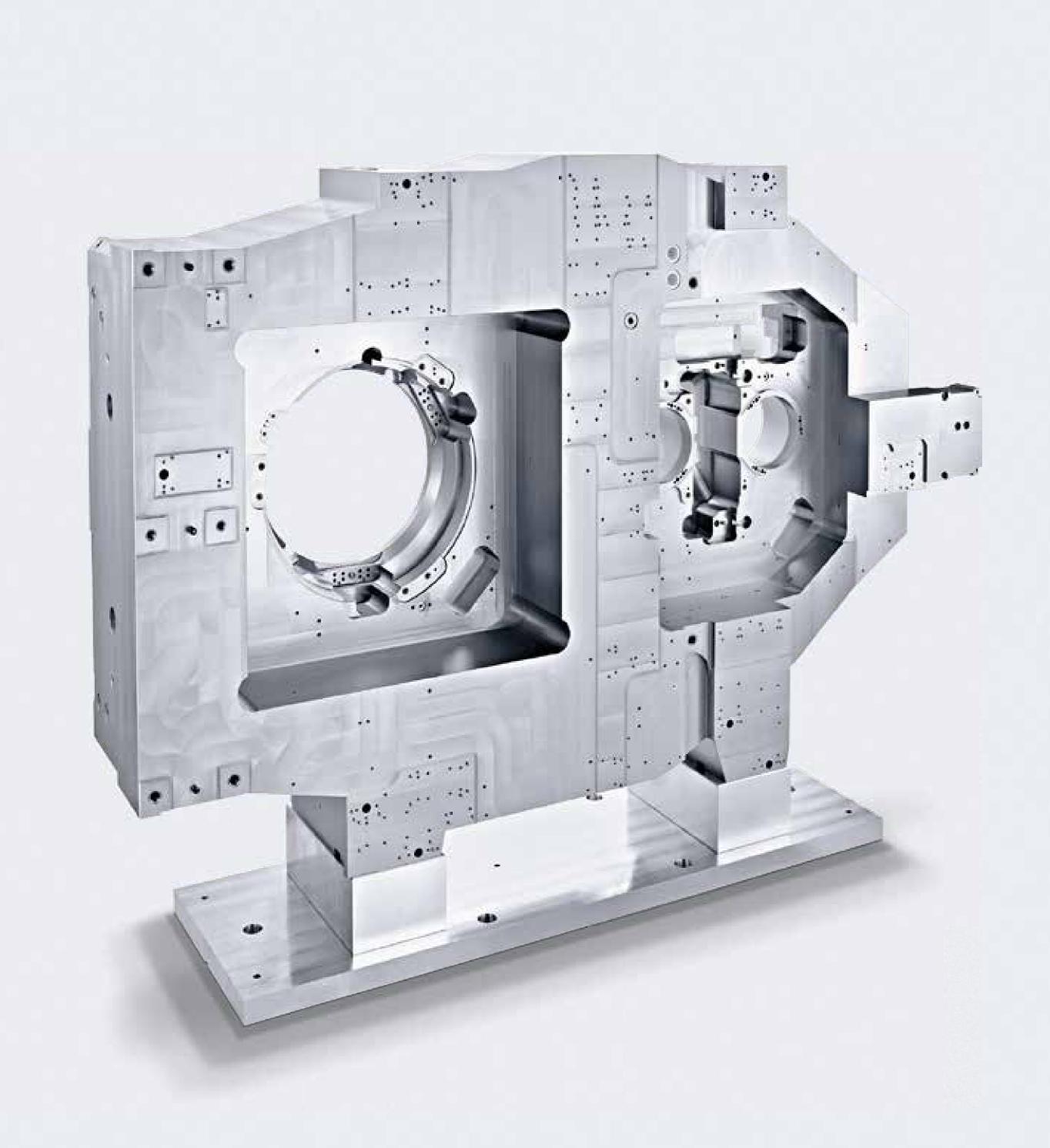
DMU 85 monoBLOCK







METRO FRAME





CHAMBER HOUSING





STRUCTURE PART

