

GEMINIS



Multiprocess **Horizontal** lathes

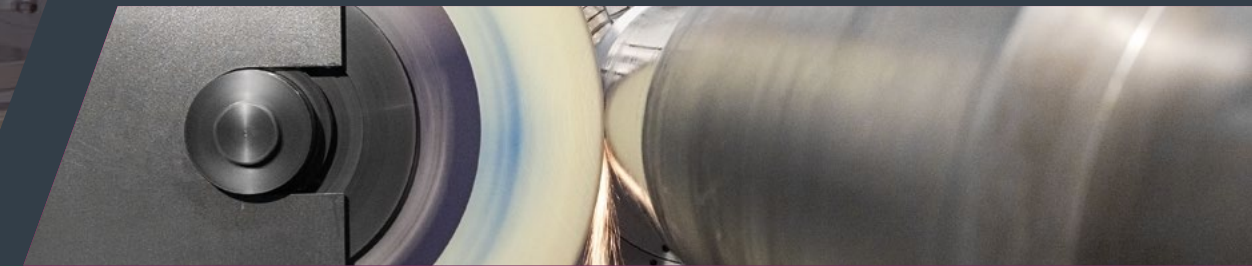
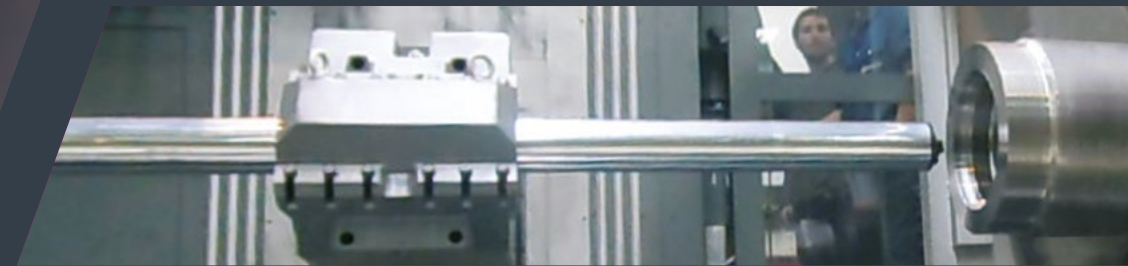
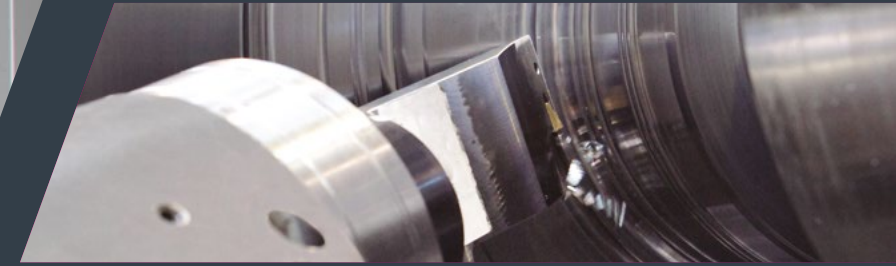
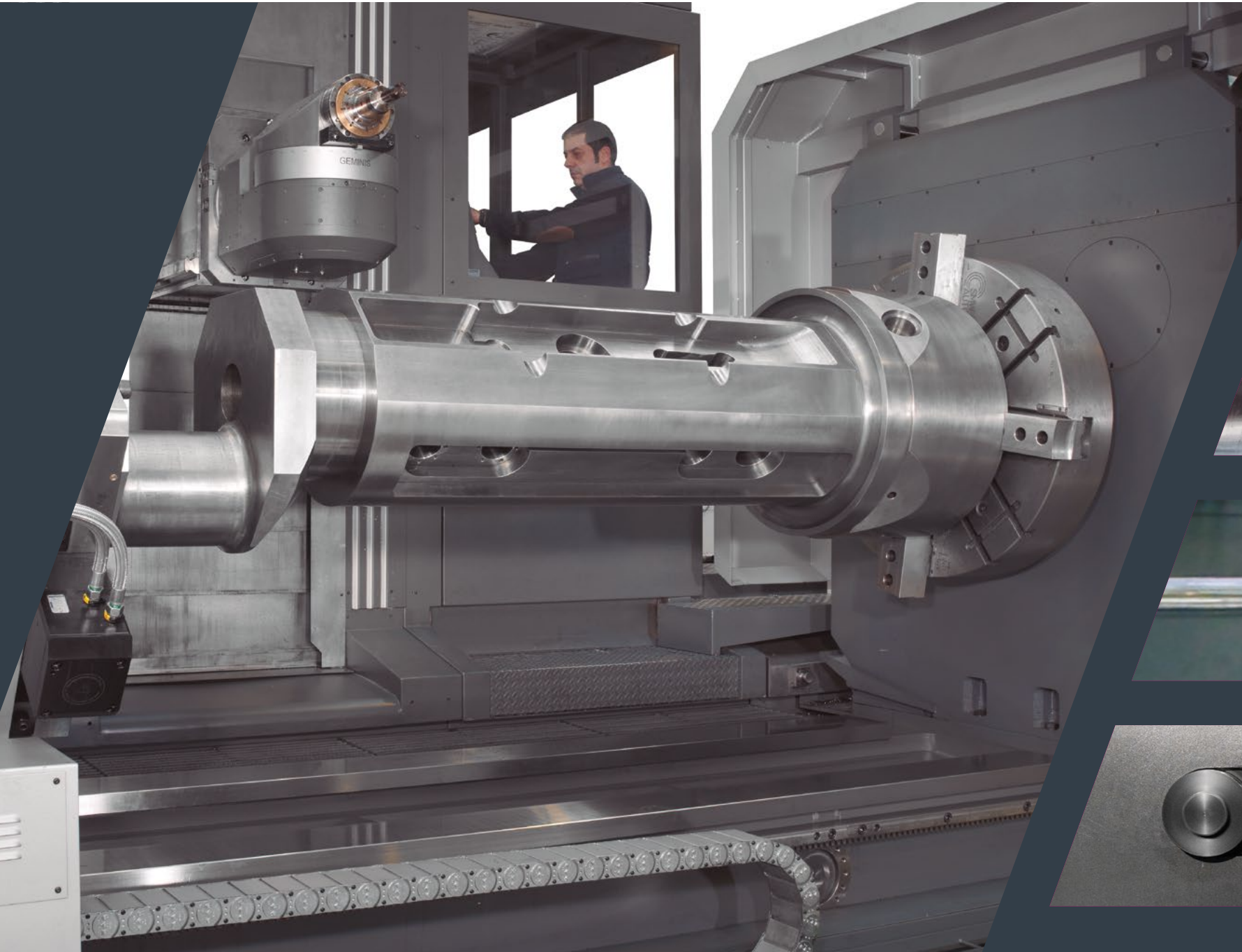
ALLinONE

One machine
All processes:

- Turning
- Milling
- Boring
- Grinding
- Others under request

One set up
All advantages:

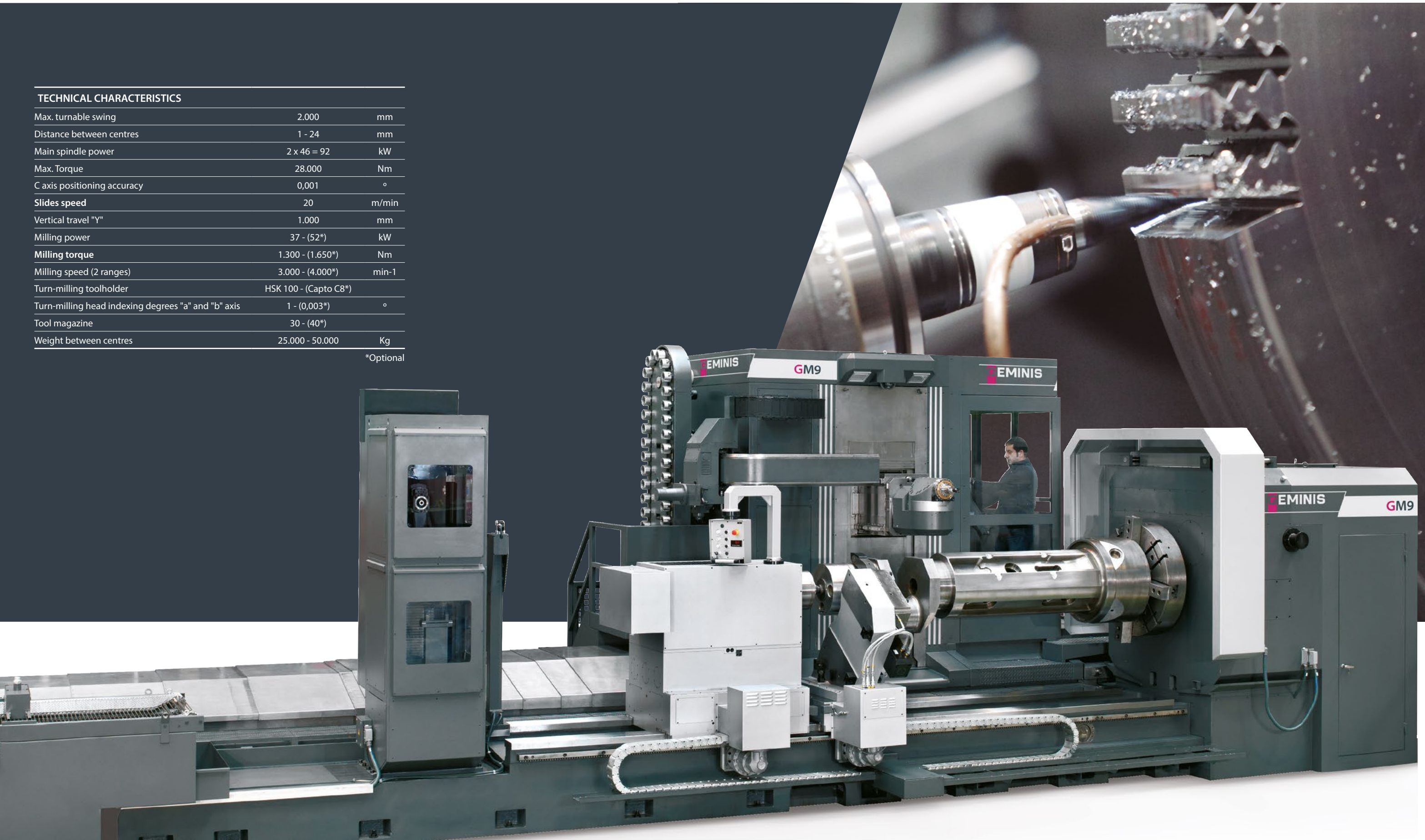
- Technological differentiation
- Production increase
- High accuracy
- Maximum comfort
- Customized solutions

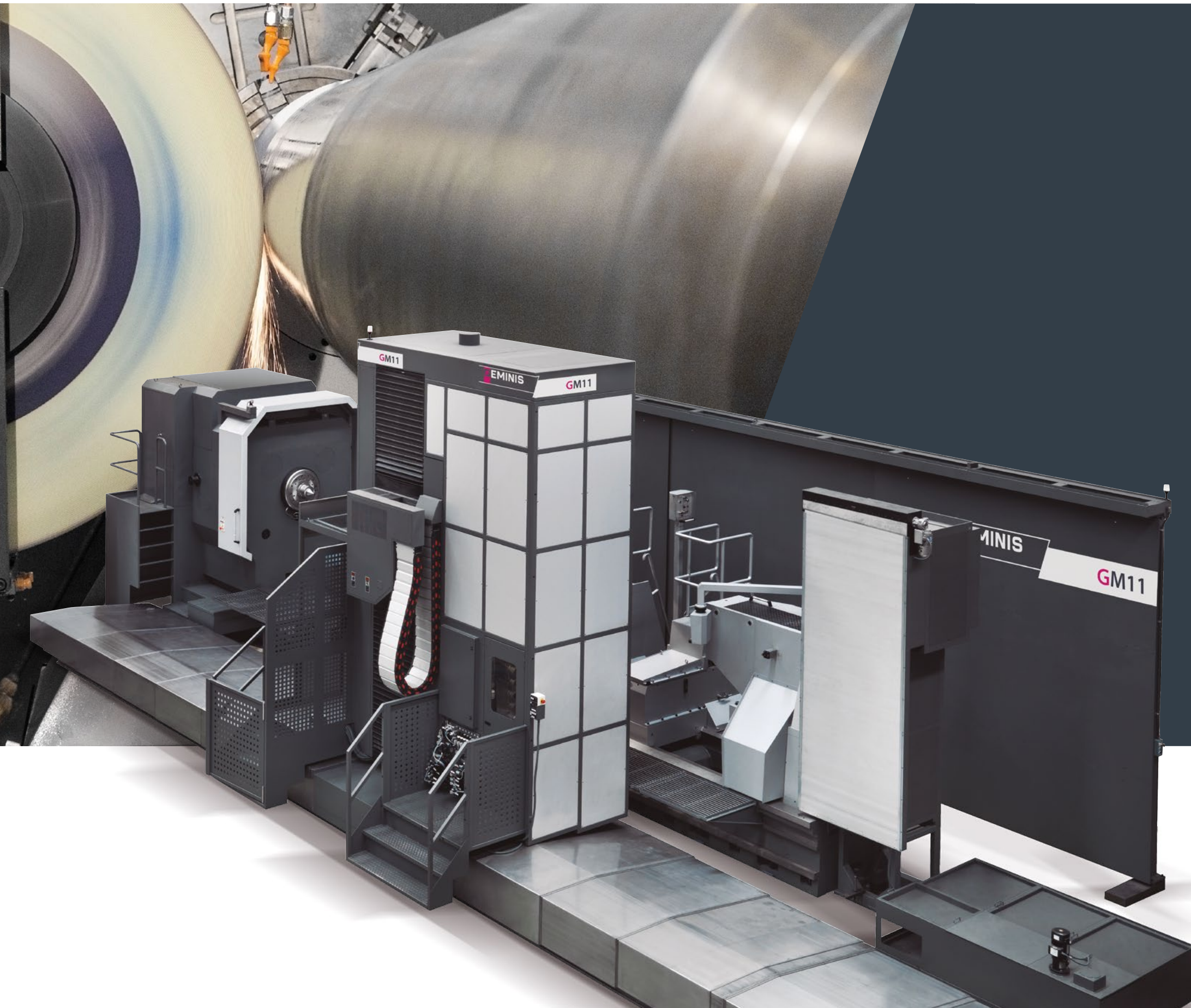


TECHNICAL CHARACTERISTICS

Max. turnable swing	2.000	mm
Distance between centres	1 - 24	mm
Main spindle power	2 x 46 = 92	kW
Max. Torque	28.000	Nm
C axis positioning accuracy	0,001	°
Slides speed	20	m/min
Vertical travel "Y"	1.000	mm
Milling power	37 - (52*)	kW
Milling torque	1.300 - (1.650*)	Nm
Milling speed (2 ranges)	3.000 - (4.000*)	min-1
Turn-milling toolholder	HSK 100 - (Capto C8*)	
Turn-milling head indexing degrees "a" and "b" axis	1 - (0,003*)	°
Tool magazine	30 - (40*)	
Weight between centres	25.000 - 50.000	Kg

*Optional





TECHNICAL CHARACTERISTICS

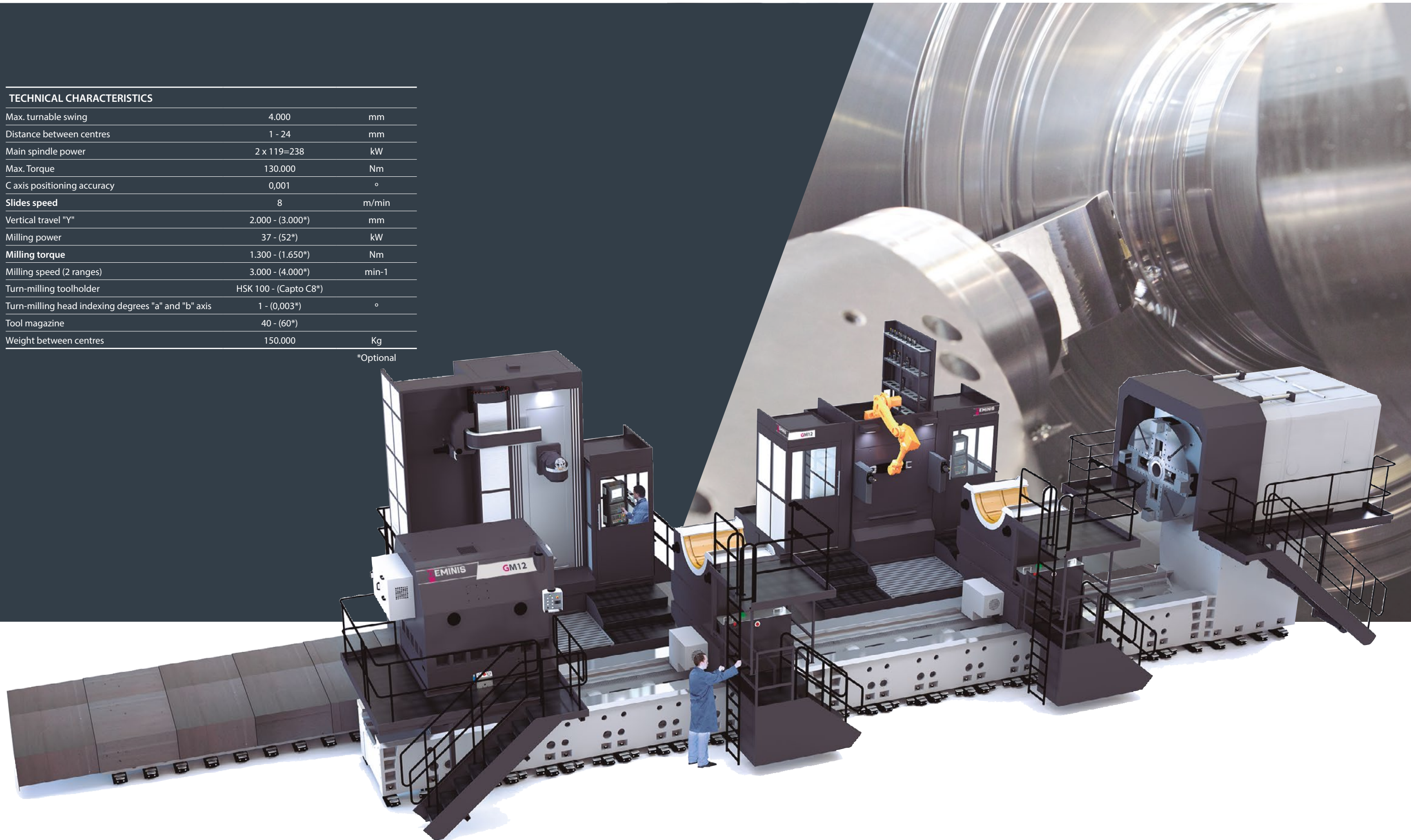
Max. turnable swing	3.000	mm
Distance between centres	1 - 24	mm
Main spindle power	2 x 61=122	kW
Max. Torque	65.000	Nm
C axis positioning accuracy	0,001	°
Slides speed	20	m/min
Vertical travel "Y"	2.000 - (3.000*)	mm
Milling power	37 - (52*)	kW
Milling torque	1.300 - (1.650*)	Nm
Milling speed (2 ranges)	3.000 - (4.000*)	min-1
Turn-milling toolholder	HSK 100 - (Capto C8*)	
Turn-milling head indexing degrees "a" and "b" axis	1 - (0,003*)	°
Tool magazine	40 - (60*)	
Weight between centres	35.000 - 80.000	Kg

*Optional

TECHNICAL CHARACTERISTICS

Max. turnable swing	4.000	mm
Distance between centres	1 - 24	mm
Main spindle power	2 x 119=238	kW
Max. Torque	130.000	Nm
C axis positioning accuracy	0,001	°
Slides speed	8	m/min
Vertical travel "Y"	2.000 - (3.000*)	mm
Milling power	37 - (52*)	kW
Milling torque	1.300 - (1.650*)	Nm
Milling speed (2 ranges)	3.000 - (4.000*)	min-1
Turn-milling toolholder	HSK 100 - (Capto C8*)	
Turn-milling head indexing degrees "a" and "b" axis	1 - (0,003*)	°
Tool magazine	40 - (60*)	
Weight between centres	150.000	Kg

*Optional



+ PRODUCTIVITY

Down time reduction due to one set up machining.
 High dynamic slides & C axis.
 Wide range of machining head.
 Automatic head change (Pick Up).
 Automatic tool change.
 Ram system to access narrow areas.

+ ACCURACY

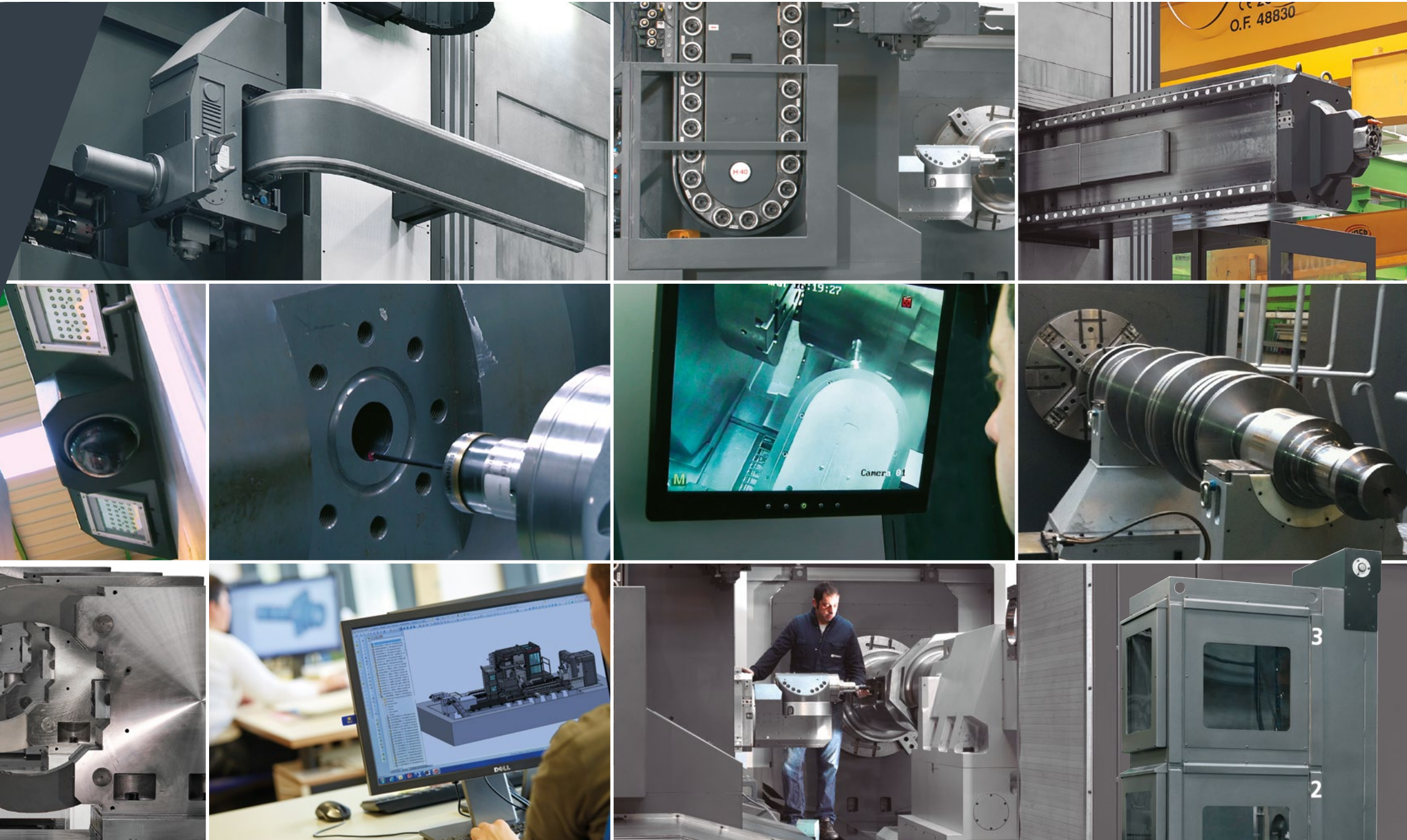
Failure minimisation due to one set up machining.
 C axis Twin Drive system.
 Specifically developed measuring cycles.
 Thermal stability.
 Linear scales.
 Part and tool measuring probes.

+ COMFORT

Optimal view of working area.
 Ergonomic position operator/work piece.
 Adjustable control panel height.
 PTZ video system.
 Cabin temperature control (optional).

+ CUSTOMISATION

Turnkey projects.
 Customised solutions according to customer requirements by building quality and reliable machines.



Milling - Turning



Horizontal milling



Turning



Boring



Grinding



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