



GURUTZPE



SMART TURNING
SOLUTIONS

Flat-bed lathes

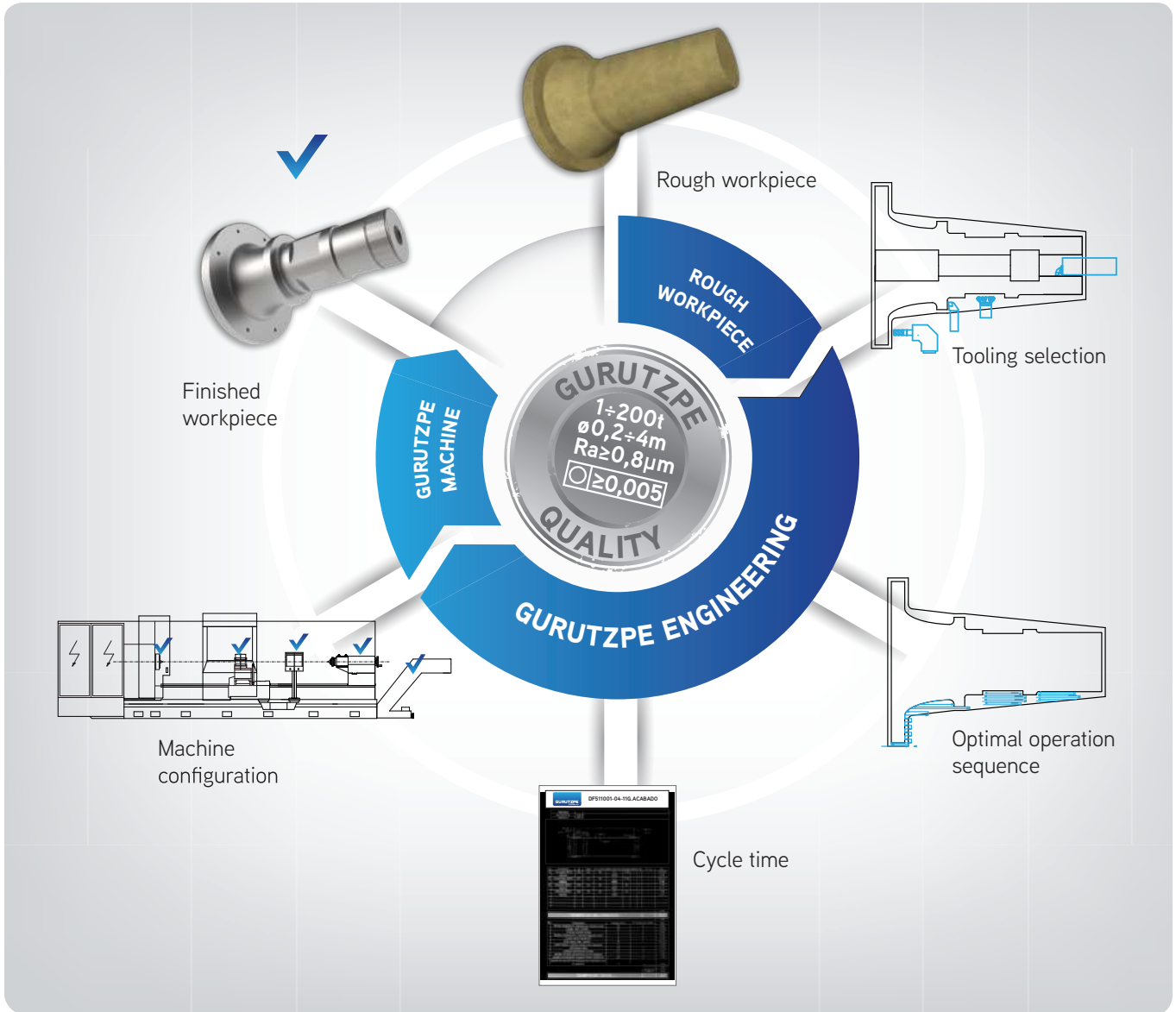
SERIES **GL**

SERIES **GH**

WWW.GURUTZPE.COM

CAPACITY

Focused on the **quality** and **cost** for your workpiece.

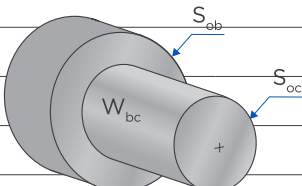


SERIES GL

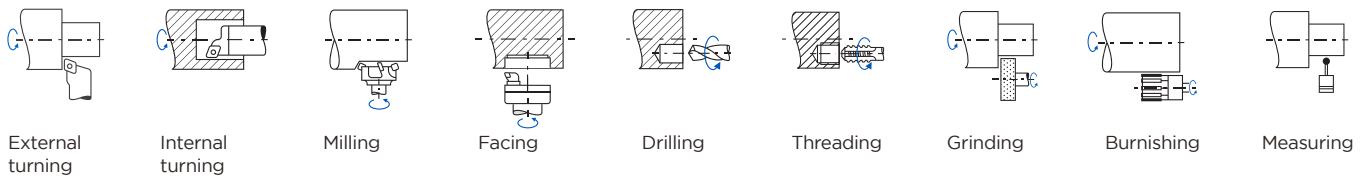
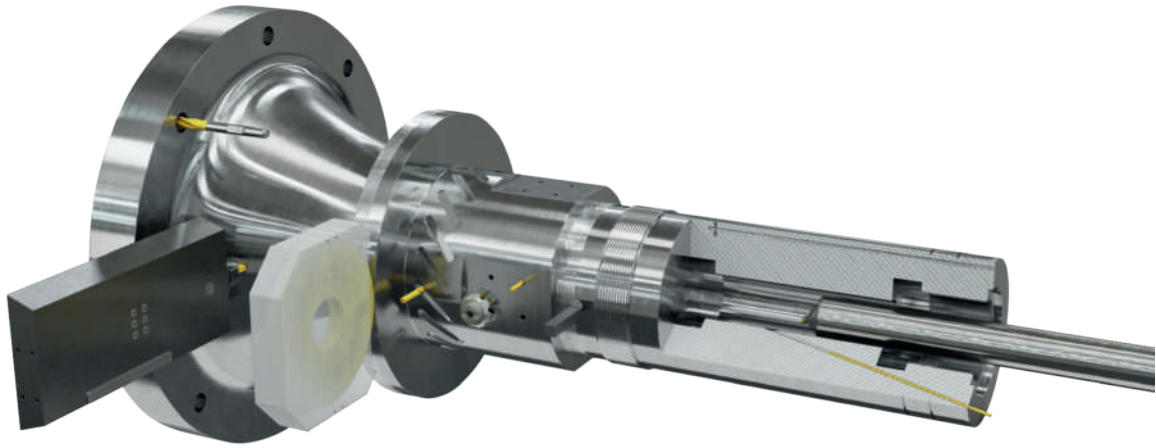
SERIES GH

SERIES GS

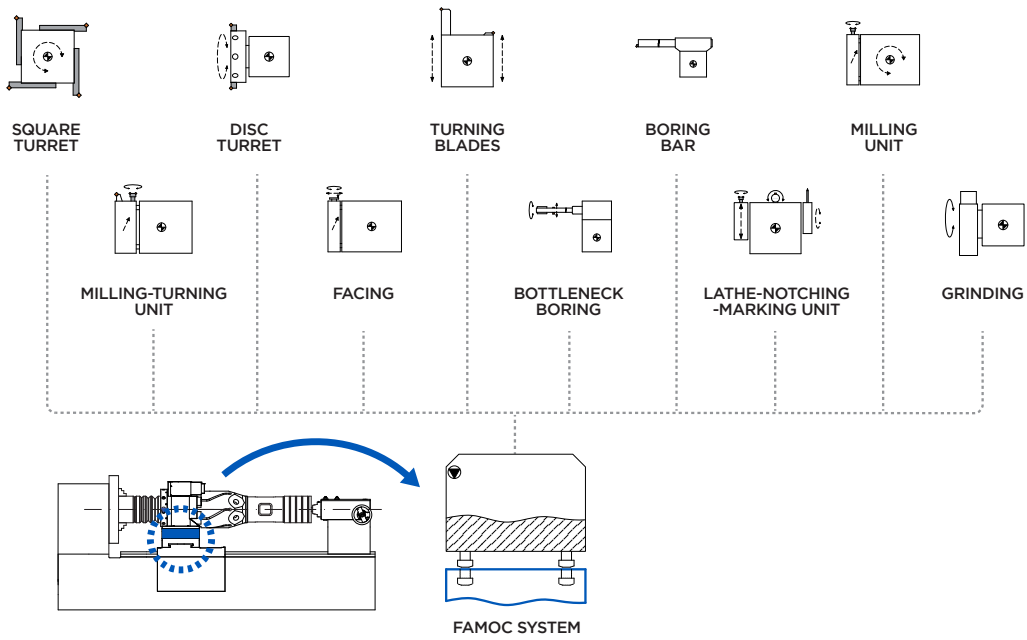
	S_{ob} (mm)	1.000	1.300	1.600	2.000	2.500	3.000	3.000	2.500	3.000	4.000	1.000	1.300	1.600	
	S_{oc} (mm)	700	1.000	1.300	1.700	2.100	2.500	2.500	2.500	3.000	4.000	1.000	1.300	1.600	
W_{bc} (t)	5 t	GL 10	GL 13 GLX 13	GL 16 GLX 16								GSM 10			8 t
	12 t				GL 20 GLX 20								GSM 13		15 t
	18 t													GSM 16	20 t
	25 t														
	40 t				GLH 25				GHH 30	GHD 25					
	60 t					GLH 30									
	90 t									GHD 30					
	130 t										GHD 40				
	200 t														



MULTITASK



FAMOC
(Fast Machining Operation Change System)



COMPARISON

	Number of operators	Number of machines	Number of programs	Number of tools	Tools	Management of chips and waste
Conventional solution						
GURUTZPE Solution					X	

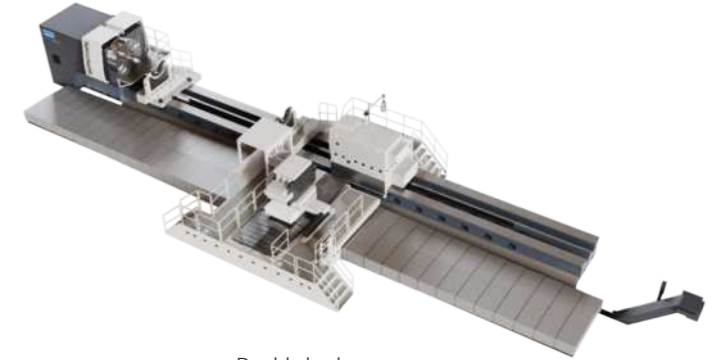
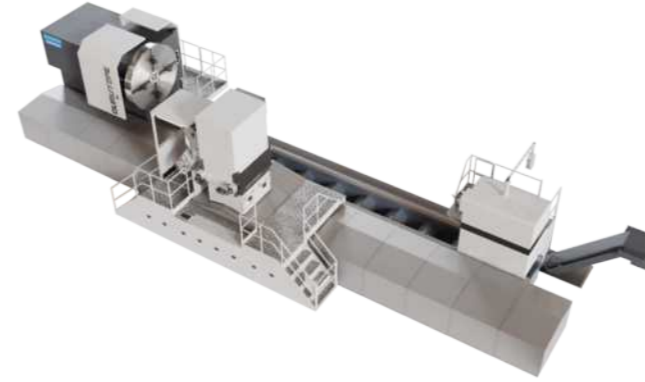
SERIES GL

FLAT-BED LATHES



SERIES GH

FLAT-BED LATHES



- › 2-guide system
- › Sizes 10 / 13 / 16 / 20

- › 4-guide system
- › Sizes 13 / 16 / 20

- › 4-guide system
- › Sizes 25 / 30

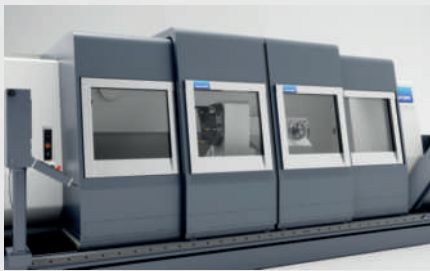
- › Single bed
- › X & Z hydrostatic guides
- › Size 30

- › Double bed
- › X & Z hydrostatic guides
- › Sizes 30 / 40

		SERIES GL							SERIES GH																		
		GL 10	GL 13	GL 16	GL 20	GLX 13	GLX 16	GLX 20	GLH 25			GLH 30			GHH 30			GHD 25			GHD 30			GHD 40			
MACHINING AREA																											
Swing over bed	S_{ob}	mm	Ø1.000	Ø1.300	Ø1.600	Ø2.000	Ø1.300	Ø1.600	Ø2.000	Ø2.500			Ø3.000			Ø3.000			Ø2.500			Ø3.000			Ø4.000		
Swing over carriage	S_{oc}	mm	Ø700	Ø1.000	Ø1.300	Ø1.600	Ø1.000	Ø1.300	Ø1.700	Ø2.100			Ø2.500			Ø2.500			Ø2.500			Ø3.000			Ø4.000		
Distance between centers	L_{bc}	m	≤ 8	≤ 8	≤ 15	≤ 15	≤ 15	≤ 15	≤ 20	≤ 25			≤ 25			≤ 25			≤ 25			≤ 25			≤ 25		
HEADSTOCK																											
Motor power S1/S6	P_m	kW	22/28 [28/34]	28/34 [39/48]	39/48 [51/65]	71/88 [92/114]	28/34 [39/48]	39/48 [51/65]	71/88 [92/114]	71/88	92/114 [113/140]	113/ 140	113/ 140	113/ 140	142/ 176	113/ 140	113/ 140	142/ 176	113/ 140	113/ 140	142/ 176	113/ 140	142/ 176	184/ 228	142/ 176	184/ 228	226/ 280
Motor torque S1/S6	T_m	kNm	2,7/3,3 [3,4/4,2]	5,3/6,5 [7,4/9,2]	11,2/13,7 [13,8/17,6]	24,4/30,2 [31,2/38,7]	5,3/6,5 [7,4/9,2]	11,2/13,7 [13,8/17,6]	24,4/30,2 [31,2/38,7]	24/29,8	31,2/38,7 [38,3/47,5]	65/ 80	38,3/ 47,5	65/ 80	81,4/ 100	38,3/ 47,5	65/ 80	81,4/ 100	38,3/ 47,5	65/ 80	81,4/ 100	65/ 80	81/ 100	105/ 130	81/ 100	105/ 130	130/ 160
Range of speeds	n_s	rpm	0÷1.400*	0÷1.000*	0÷800*	0÷500	0÷1.000*	0÷800*	0÷500*	0÷500	0÷500	0÷300	0÷500	0÷300	0÷250	0÷500	0÷300	0÷250	0÷500	0÷300	0÷250	0÷300	0÷250	0÷250	0÷250	0÷200	0÷200
Bar throughput Ø	Ø_{ab}	mm	Ø130	Ø110 [Ø360]	Ø110 [Ø550]	Ø110	Ø110 [Ø360]	Ø110 [Ø550]	Ø110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TAILSTOCK																											
Piece weight	W_{bc}	t	5	≤ 12	≤ 18	≤ 25	≤ 12	≤ 18	≤ 25	30	40	60	40	60	90	40	60	90	40	60	90	60	90	130	90	130	200

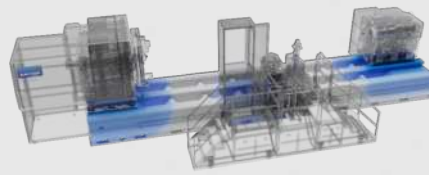
* Peak speed for 10 minutes. Maximum continuous speed, 60% of peak speed. For other options, please ask.

1 Front and back guards, full enclosed carenage



Multiple options for protections, guarding and machine insulation, guaranteeing the most ergonomic, safe, clean and productive conditions.

2 Robust and reliable

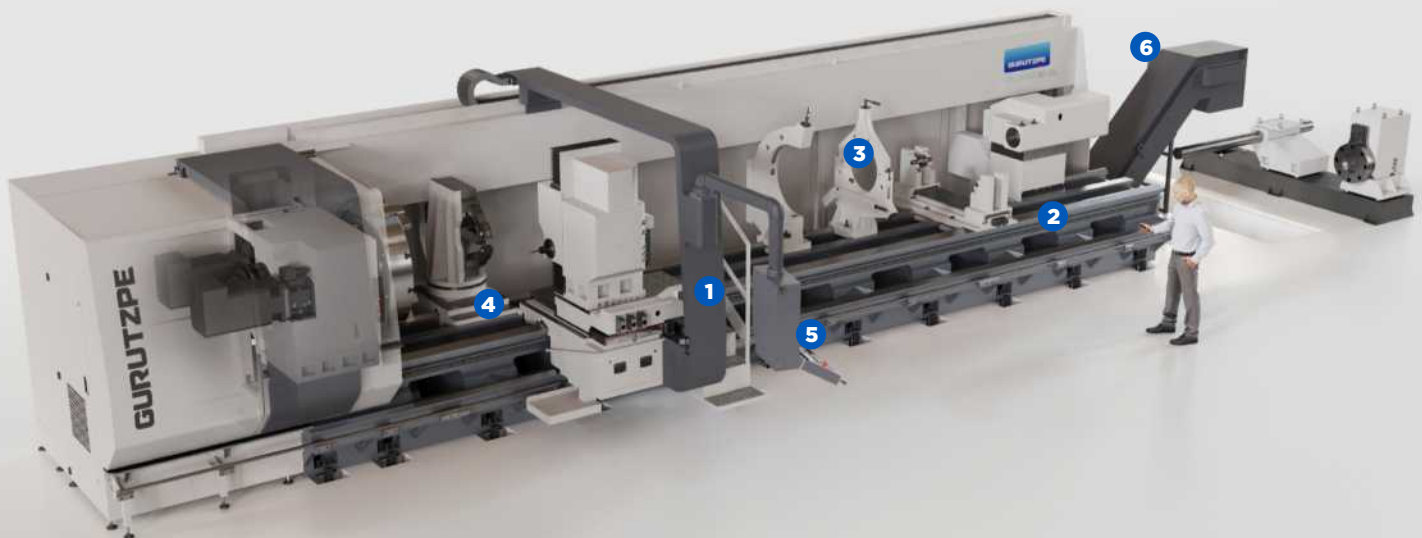


Strong monoblock GG30 casting bed, headstock and tailstock. Designed with FEM (Finite Element Method), maximizing the strength and vibration absorption parameters.

3 Steadies



Wide range of steady rests, for different workpiece typology (different dimension, shape and weight) and working process: open, closed, C type, Autocentering hydraulic, white metal, hydrostatic, follow rest, etc.



4 “V” type guiding system



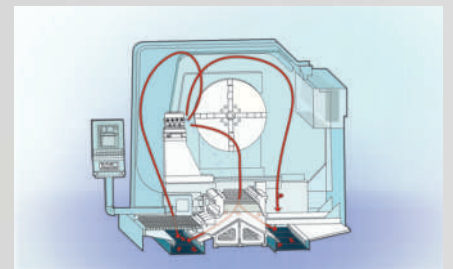
Autocentering V type slide guiding system of the carriages, with Biplast film and central oil lubrication. The best system for turning and grinding for its accuracy, rigidity and maintenance.

5 Technology 4.0.



Integrating control sensor for vibration, temperature, energy consumption, etc., we can monitor and manage in real time things such as the tool wear, the state of the bearings, the lubrication system, unbalances, etc.

6 Excellent chip removal



Wide range of chip removal solutions (front and back automatic chip conveyors, double ramp beds, etc.). We adjust it to your civil works needs and limitations.

1. Aerospace



2. Energy



3. Steel industry



4. Oil&Gas



5. Railway



6. Naval



7. Paper and pulp



8. General industry



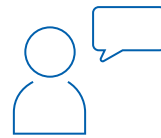
Troubleshooting and any necessary improvements



SPEED OF RESPONSE TO ENSURE THE MOST INSTANTANEOUS, EFFECTIVE SOLUTION



GUARANTEED RESPONSE IN LESS THAN 24 HOURS



PRIORITY CUSTOMER SERVICE FOR UNFORESEEN EVENTS

Maintenance service anywhere in the world

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