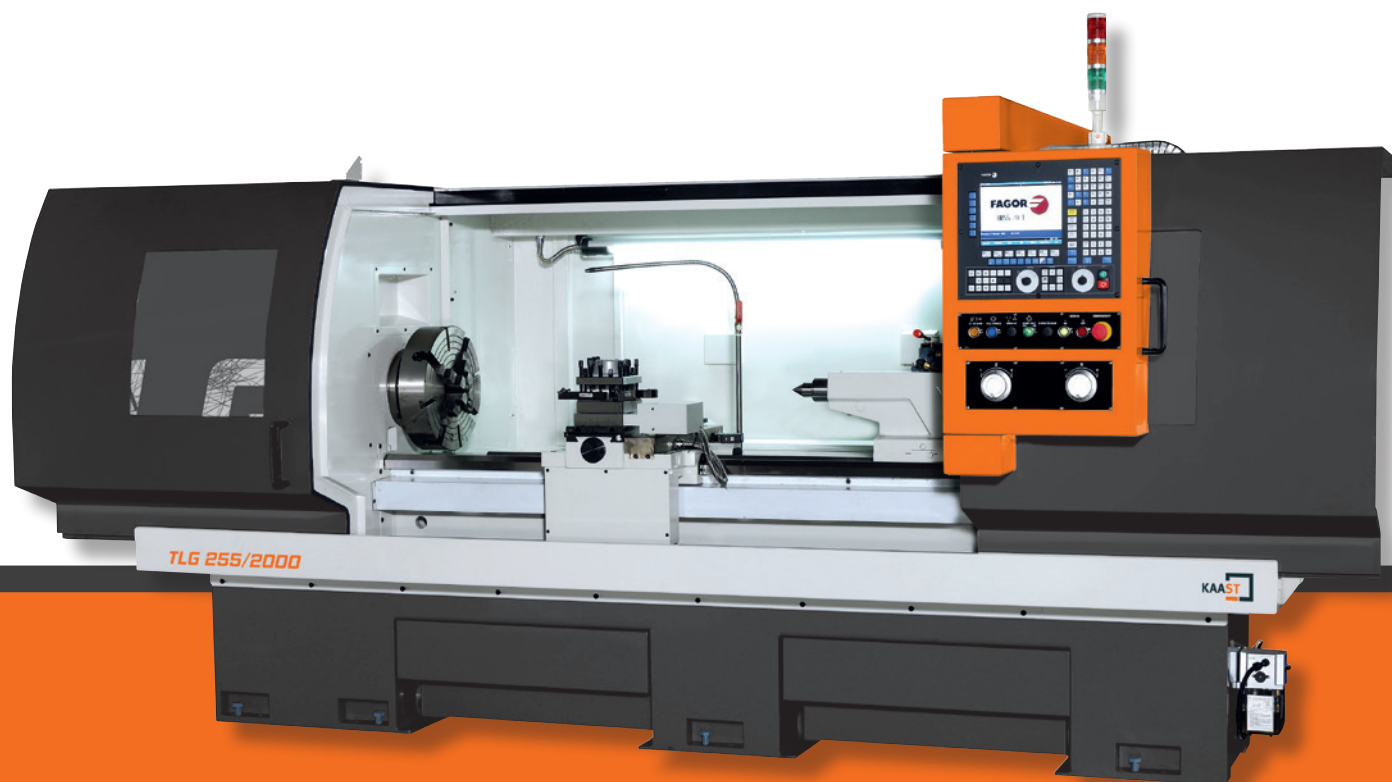


CNC lathe TLG



T e c h n i c a l D a t a s h e e t

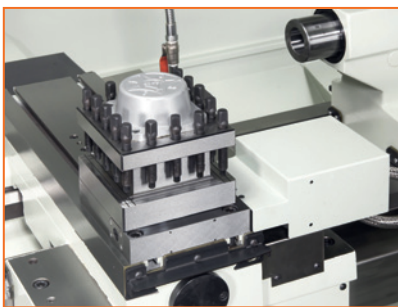
- Interactive, graphically supported programming cycles for volume and single part production
- High productivity due the 4-way automatic tool changer
- Solid and heavy construction
- 3-times precision supported bearing main spindle
- Optimal results with stepless speed adjustment
- 2 electronic handwheels enable manual operation
- High precision recirculating ball screws
- Programming of complex work pieces, even without DIN-programming knowledge
- Implemented cycles for facing and plain turning, cone, radius, thread, plunge-cut and complete contouring
- Wide, hardened and ground prism guides ensure excellent stability of the lathe's flatbed, even with large centre distances (>HB 400)
- Automatic central lubrication
- Automatic gear stage ensure a high pulling power

Standard configuration:

- ✓ FAGOR 8055TC
- ✓ 3-jaw chuck Ø 250 mm
- ✓ 4-jaw chucks Ø300 mm
- ✓ Fixed and traveling bezel
- ✓ Electric 4-way tool post
- ✓ Automatically shifting transmission
- ✓ Coolant system
- ✓ Automatic central lubrication
- ✓ Halogen work light
- ✓ Electronic handwheels X-and Z-axis
- ✓ Main motor with inverter YASKAWA
- ✓ Manual Tailstock
- ✓ Brad point
- ✓ Operating tools
- ✓ Manual

Optional configuration:

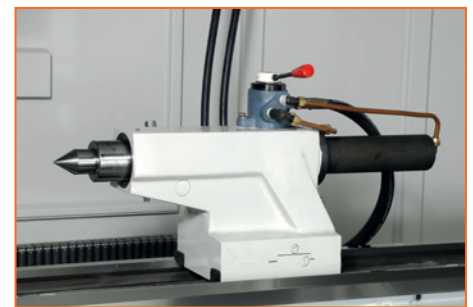
- Fanuc or Siemens CNC
- 3-jaw clamping chuck (various sizes)
- 4-jaw clamping chuck (various sizes)
- Faceplate (various sizes)
- 4-way toolpost (manual)
- Multifix toolpost set with four changing magazines (manual)
- 8-station hydraulic tool changer
- Hydraulic 3-jaw chuck 250 mm
- Hydraulic tailstock



4-post electrical tool holder



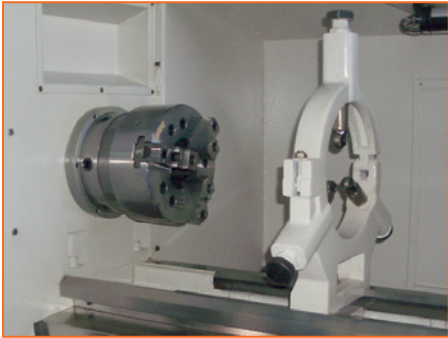
8-post tool changer



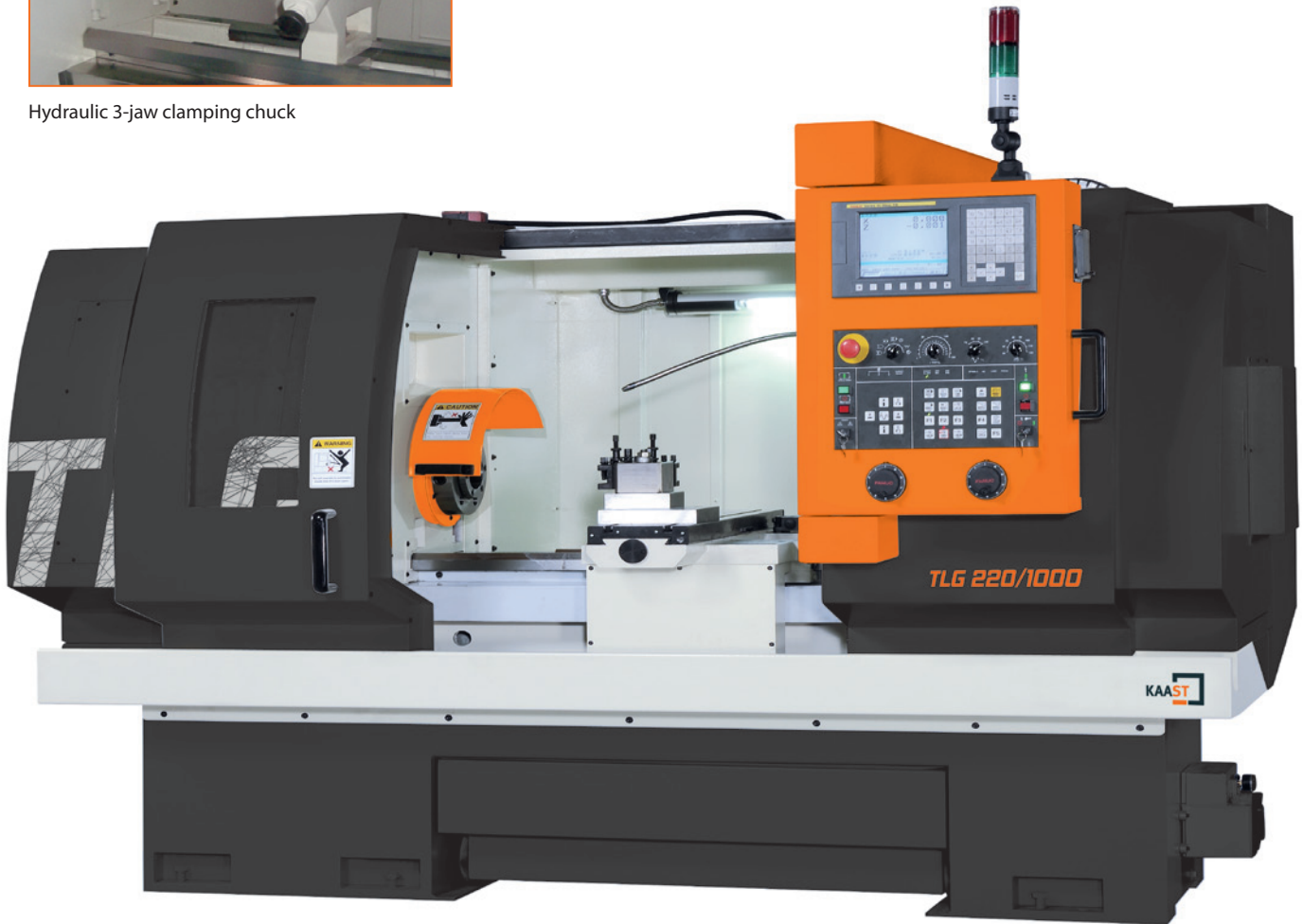
Hydraulic tailstock quill (option)

Technical specifications	TLG			Technical specifications	TLG		
	255/1000	255/1500	255/2000		255/1000	255/1500	255/2000
Max. turning diameter over bed	510 mm			Spindle speed	10-1200 rpm		
Max. turning diameter over slide	Ø305 mm			X-axis travel	280 mm		
Center height	255 mm			Z-axis travel	920 mm	1430 mm	1940 mm
Max. workpiece length	1000 mm	1500 mm	2000 mm	Feed X-/Z-axis	6 m/min / 8 m/min		
Width of guideways	330 mm			Max. tool size	25 mm		
Width of bed	2000 mm	2510 mm	3020 mm	Tailstock diameter	75 mm		
Max. turning dia. over gap	730 mm			Tailstock-taper	MT 5		
Length of gap	300 mm			Tailstock travel	Ø160 mm		
Spindle nose	D1-8 CAMLOCK			Main spindle power	7.5 kW		
Spindle bore diameter	Ø86 mm			Weight	2100 kg	2300 kg	2600 kg
Spindle taper	MT 7			Item-No.	1630123	1630124	1630125

*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.



Hydraulic 3-jaw clamping chuck



Technical specifications	TLG			Technical specifications	TLG		
	220/1000	220/1500	220/2000		220/1000	220/1500	220/2000
Max. turning diameter over bed		510 mm		Spindle speed	10-1200 rpm		
Max. turning diameter over slide		Ø305 mm		Travel X-axis	280 mm		
Center height		255 mm		Travel Z-axis	920 mm	1430 mm	1940 mm
Max. workpiece length	1000 mm	1500 mm	2000 mm	Feed X-/Z-axis	6 m/min / 8 m/min		
Width of guideways		330 mm		Max. tool size	25 mm		
Width of bed	2000 mm	2510 mm	3020 mm	Tailstock diameter	75 mm		
Max. turning dia. over gap		730 mm		Tailstock-taper	MT 5		
Length of gap		300 mm		Tailstock travel	Ø160 mm		
Spindle nose		D1-8 CAMLOCK		Main spindle power	7.5 kW		
Spindle bore diameter		Ø86 mm		Weight	1800 kg	2000 kg	2300 kg
Spindle taper		MT 7		Item-No.	1630120	1630121	1630122

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