

GEAR MACHINERY

Liebherr LFS 223 Gear Shaping Machine

Liebherr · LFS 223 · Year 2002 · Düsseldorf, Germany



Fig. 1 · Liebherr LFS 223 Gear Shaping Machine

MACHINE DATA

Manufacturer	Liebherr
Model	LFS 223
Year of manufacture	2002
Category	Gear Machinery
Location	Düsseldorf, Germany
Status	SOLD
Price	€ 26000

TECHNICAL DATA

Model	LFS 223
Machine Type	CNC Vertical Gear Shaping Machine
Year of Manufacture	2002
Serial Number	7055
CNC Control	Siemens SINUMERIK
Process	Vertical gear shaping
Gear types	Internal and external spur & helical gears
Maximum workpiece / cutting diameter	approx. 200 mm
Maximum module	5 mm (SK 1.70 shaping head)
Maximum stroke length / face width	70 mm
Maximum stroke speed	1,500 strokes/min
Centre distance (cutter to table)	-50 to +450 mm
Stroke position range	400 mm
Column swivel axis (B5)	-1° to +12°
Helical guide	Change guide / electronic (depending on machine configuration)
Tooling	Disc cutters, bell cutters, shank cutters and wafer cutters
Automation	Ring loader / conveyor cell
Supply voltage	400 V, 3~, 50 Hz
Full load current	63 A
Pre-fuse rating	80 A
Control voltage	24 / 110 V
Connected load	45 kVA
Swivel range	-1° to +12°
Manufacturer	Liebherr-Verzahntechnik GmbH
Country of Origin	Germany
Wiring diagram	E8-000-7055
Previous owner	Magna Powertrain (Equipment No. 517463)

DESCRIPTION

Liebherr LFS 223 gear shaping machine, year 2002. Full technical data available by email — contact bd@berk-ia.com.



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11

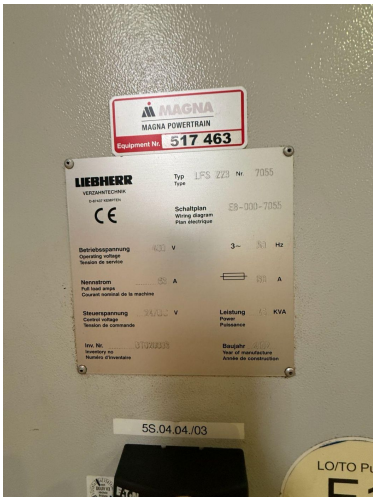


Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17

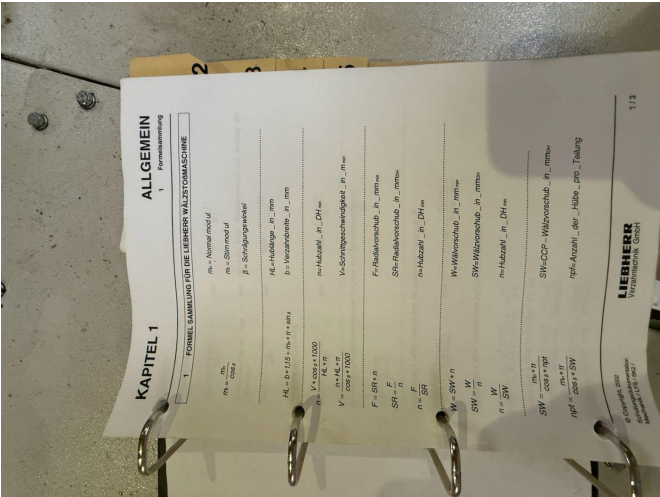


Fig. 18



Fig. 19



Fig. 20



Fig. 21



Fig. 22



Fig. 23



Fig. 24



Fig. 25



Fig. 26

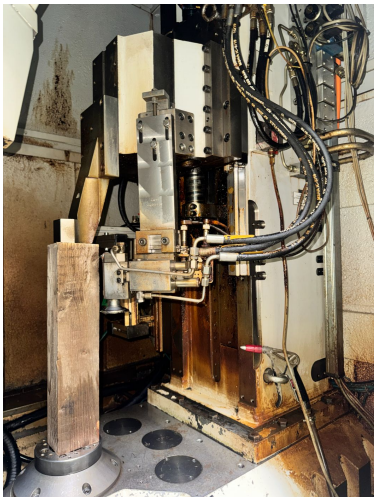


Fig. 27

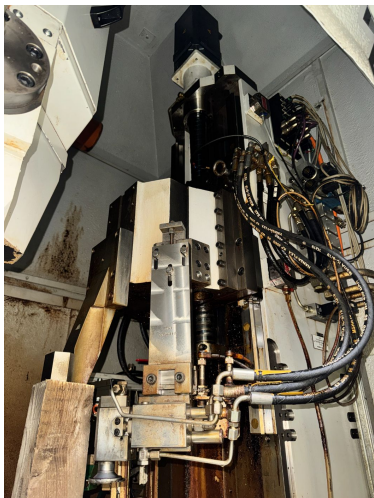


Fig. 28



Fig. 29

COMMERCIAL

Price	€ 26000
Location	Düsseldorf, Germany
Inspection	Possible by appointment, under power where the machine is connected.
Dismantling and loading	By BIA GmbH or its partners. Quoted separately.
Contact	Berk Dalkiran · bd@berk-ia.com · +49 172 477 7795