



Asset-Trade

Assessment & Sale of Used Assets

Ref. No.: 808-02241239

GMX 250S linear
GILDEMEISTER

Overview and Technical Data:

**GILDEMEISTER - GMX 250S Linear CNC
Mill/Turn Centre**

DMG GILDEMEISTER

DMG / MORI SEIKI



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Description:

Reference Specification Sheet: The **DMG GILDEMEISTER GMX 250S Linear** by **DMG GILDEMEISTER** is widely recognized as a high-precision **CNC Lathes** for demanding manufacturing applications. Typical for this series is the proven **TNC 530** CNC control. This unit was successfully brokered via Asset-Trade. The verified technical specifications and photo documentation serve as a reliable market and valuation benchmark for buyers and sellers.

Technical Key Facts & Specifications

Manufacturer DMG GILDEMEISTER

Model GMX 250S Linear

Category CNC Lathes

CNC Control TNC 530

Year of Build 2006

Spindle Speed 5.000 RPM

Tool Magazine 14 Pockets

Status: Brokered & Sold (Archive Reference)

Used DMG Gildemeister GMX 250s linear - CNC Turning / Milling Center

- CNC control Heidenhain Plus iT
- Self-centering diameter 315 of the main head Pb Mm. 90
- Full tailstock chuck Ø. 315
- B-axis inclination with +/- 120
- Y-axis travel distance mm. / - Mm. 90
- C axis to main spindle
- C-axis on counter
- Change HSK 63-50 positions
- Lower Sauter VDI 40-Revolver with 12 positions of the motorized
- Pik-up on the lower turret for unloading workpieces on counter
- Chip conveyor
- Dimensions (L / W / H) 6534 x 3686 x 3040 mm



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Further details on request

The GMX 250 S linear from Gildemeister is the world's first turning / milling center to offer the two-channel workshop programming. As a result, it is now possible to program complex turning and milling centers just as easily and safely as a universal lathe - including a very simple selection of the required cycles and including a three-dimensional workpiece simulation of all turning and milling

Looking to sell a used DMG GILDEMEISTER machine?

Asset-Trade provides free, expert machinery valuation for your used DMG GILDEMEISTER. We market your equipment directly to our global network of over 100,000 verified industrial buyers.

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Technical Data:

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Control: TNC 530
Turning length: 106.00 mm
Turning diameter: 315.00 mm
Spindle Speed: 5000.00 rpm
Driven Tools: 12.00
Tool Capacity: 14 x
Tailstock: Yes
Bezel: No

Dimensions and Weight:

Height: 3040 mm
Length: 6534 mm
Width: 3686 mm

Buyer Information:

Available: Sold
Sold as:
EXW (Ex Works - Incoterm)
VAT: 19 %
Location: Turkey



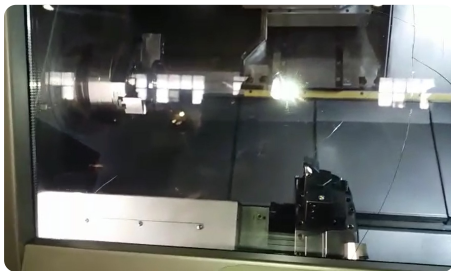
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Images:



1



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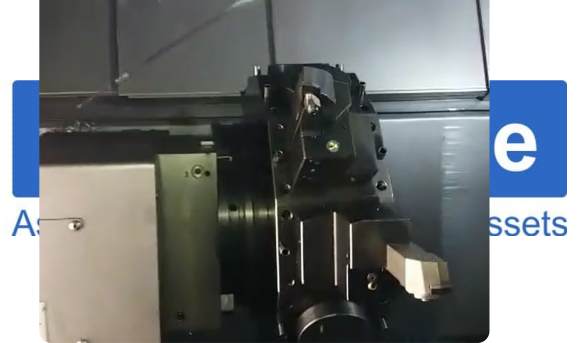


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Technical Data

Machine type	GMX 250 S linear	
Work area		
Swing diameter	in.	22.0
Max. turning diameter	in.	22.0
Turning length (with tailstock)	in.	42.1 (42.1)
Main drive, left		
Standard		
Drive power (40% DC)	hp.	49.6 (60.3, 60.3)*
Max. speed (40% DC)	rpm.	5,000 (4,000)*
Torque (40% DC)	ft. / lbs.	236.0 (538.4)*
Torque C axis	ft. / lbs.	177.0 (413.0)*
Main spindle, left		
Standard		
Chuck diameter	in.	200 - 315
Max. bar diameter	in.	2.6 (3.5)*
Top slide		
Standard		
Rapid traverse speed X / Y / Z	ipm.	1,574.8 / 944.8 / 2,755.9
Linear drive Z1		1FN3600 - 4WB00
Slide travel X1 / Y1 (synchronous drive)	in.	19.1 / ±3.1
Measuring systems		absolute direct
Milling / Turning spindle - ISM drive		
Standard		
Tool mount		HSK63-A (C6)*
Max. spindle speed	rpm.	12,000
Max. drive power (40% DC)	hp.	29.5
Max. torque (40% DC)	ft. / lbs.	73.8
Indexing of spindle axis	Degrees	0.001
B-axis		
Standard		
Swivel travel B1 (synchronous drive)	Degrees	±120
Torque (40% DC)	ft. / lbs.	4,136.7
Resolution	Degrees	0.001
Hydraulic clamping	ft. / lbs.	1,475.1
Tool magazine		
Standard		
Number of tools		Disk 36
Length / Max. number of tools	in.	Ø7.9 / 0.67 - 11.8 / 1.1
Tool weight, G1 / G2	lbs.	13.2
Tool diameter, max. with empty pocket	in.	3.1 - 4.7
Type of tool-exchange		Covered**

*Optional, **Possible tool-exchange with the milling / turning spindle from the tool magazine parallel to production time and machining the workpiece with the tool

* Optional, ** Possible tool-exchange with the milling / turning spindle from the tool magazine parallel to production time and machining the workpiece with the turret

Machine type		GMX 250 S linear	
Coolant Device		Standard	
Volume	gal.	158.5 (259)*	
Band filter / Filter fineness	in.	0.002	
Pres. pump 1 / 2 / 3 with cool. device	psi.	116 / 290* / 1,160*	
Turret head 12x with tool drive		Optional***	
Shaft-ø according to VDI / DIN 69880	in.	1.6	
Max. power (40% DC)	hp.	15.7	
Max. torque (40% DC)	ft. / lbs.	20.7	
Bottom slide		Optional***	
Rapid traverse speed X / Z	ipm.	944.9 / 1,417.3	
Slide travel X2 / Z2 (synchronous drive)	in.	7.1 / 41.3	
Measuring systems		absolute direct	
Main drive counter spindle		Optional	
Max. drive power (40% DC)	hp.	37.5 (63.0)*	
Max. speed (40% DC)	rpm.	5,000 (4,000)*	
Max. torque (40% DC)	ft. / lbs.	236.0 (538.4)*	
Torque C-axis	ft. / lbs.	177.0 (413.0)*	
Counter spindle, right		Optional	
Chuck diameter	in.	7.9 - 12.4	
Max. bar diameter	in.	2.6 (3.5)*	
NC tailstock mechanical / Electronic		Optional	
Quill stroke / Quill diameter		-	
Tailstock / Quill power, S1 100% DC	lbf.	337.2 / 1,798.5	
Rapid traverse speed Z	ipm.	1,259.8	
Slide for counter spindle or tailstock		Optional	
Rapid traverse speed Z	ipm.	1,889.8	
Feed power, S6 - 40% DC	lbf.	2,068.2	
Slide travel Z3 (synchronous drive)	in.	45.3	
Measuring systems		absolute direct	
Measuring slide X / Z with NC drive		-	
of the bezels		in. -	
Measuring slide Z with NC drive		Optional	
of the bezels		in. Ø 0.31 - 5.6	
Dimensions and weights			
Setup dimensions, L / H / W	in.	287.4 / 157.5 / 110.2	
Gross weight including CNC	lbs.	29,762.4	
Siemens 840D powerline. Siemens 840D solutionline with ShopTurn**, Heidenhain Plus iT with TurnPlus***			
Control			
Processor interface		Pentium III 1.2 GHz	
Screen		15" TFT-screen	
Programming software with simulation		DMG Programmer 3D Turning	
Optional, **GMX 200 S linear, ***GMX 250 S linear			

Optional, **GMX 200 S linear, ***GMX 250 S linear



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