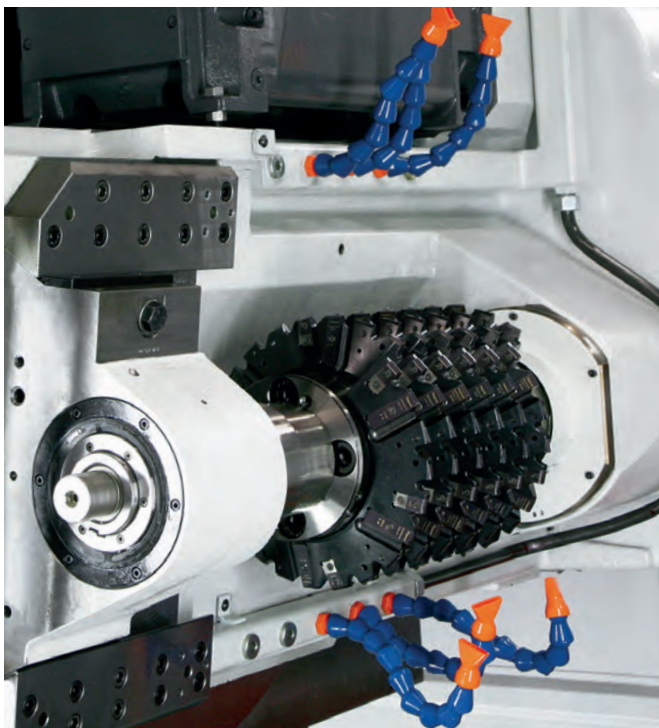


HÖFLER GEAR CUTTING MACHINES HF 1000 & 1250

The HF gear cutting machines for small and medium workpieces combine leading technology with perfect design: A machine table with torque motor drive, a cast iron machine bed for heavy loads as well as an integrated workpiece inspection are only a few of the available features. This versatile cutting machines set new productivity and quality standards by the use of HSS [high speed steel] cutters or carbide inserts as well as high-power gashing tools in wet or dry cutting mode – which is ideal for component suppliers of long-life and highly stressed industrial gears.

Moreover, the proprietary software Gear Production guarantees ease-of-use, even for complex applications.



Coromant Capto - registered for Sandvik Intellectual Property AB, Sandviken (SE)



AT A GLANCE

- Reliable machine table with torque motor drive
- Accurate transmission due to Coromant Capto® interface
- Optional internal cutter head
- Solid, large double V slideways
- Heavy machine bed from cast iron



RANGE OF APPLICATION	HF 1000	HF 1250
Workpiece diameter (max.)	Ø 1,000 mm	Ø 1,250 mm
Center distance between workpiece and hob axis (min. – max.)	40 – 700 mm	50 – 825 mm
Axial slide travel above table (max.)	1,000 (1,760)* mm	
Cutter head position above table (min.)	350 mm	150 mm
Vertical counter support travel above table (min. – max.)	675 – 1,675 (2,175)* mm	800 – 1,800 (2,300)* mm
Tangential tool shift (max.)	400 mm	
Cutter head swivel angle (max.)	± 45°	
Hob diameter (max.)	Ø 385 mm	
Hob length (max.)	450 mm	
Table diameter	Ø 800 mm	Ø 980 mm
Bore diameter	Ø 255 mm	Ø 400 mm
Bore depth	800 mm	1,325 mm
Table speed (max.)	25 rpm	
Hob spindle power	37 (52)* kW	
Table load (max.)	10.000 kg	
Net weight. approx.	52,000 – 54,000 kg	55,000 – 57,000 kg***
Machine dimensions (L x W x H) approx. incl. all additional components	9,500 x 6,500 x 4,175 mm	9,700 x 6,800 x 4,500 mm
Matching optional internal cutter head	F2/F3**	

OPTIONAL INTERNAL CUTTER HEAD	F2**	F3**
Tip circle diameter at 0° (min.)	Ø 800 mm	Ø 500 mm
Insertion depth at 0° (max.)	600 mm	500 mm
Cutter head swivel angle (max.)	± 28°	
Hob diameter (min.)	Ø 500 mm	Ø 460 mm
Hob width	124 mm	75 mm
Hob spindle power (max.)	52 kW	37 kW

* Available at additional cost

** Long axial slide travel recommended

*** Depends on machine construction combined with *

KLINGELNBERG AG
 Binzmühlestrasse 171
 8050 Zürich, Switzerland
 Fon: +41 44 278 7979
 Fax: +41 44 273 1594

KLINGELNBERG GmbH
 Peterstraße 45
 42499 Hückeswagen, Germany
 Fon: +49 2192 81-0
 Fax: +49 2192 81-200

KLINGELNBERG GmbH
 Industriestraße 19
 76275 Ettlingen, Germany
 Fon: +49 7243 599-0
 Fax: +49 7243 599-165

WWW.KLINGELNBERG.COM • INFO@KLINGELNBERG.COM

