















Machine Id	:- 1424	Serial No	:-
Category	:- Gear Related Machines	Model	:- PA320 Helical Feature
Country	:- Germany	Make	:- Pfauter
Type of Machine	:- Gear Hobber Machine	Year	:-
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehouse,India

Specification :-

Pfauter PA320 Gear Hobber

Specifications:

- Model:** Pfauter PA320
- Type:** Gear Hobber
- Country of Origin:** Germany

•**Cutting Capacity:**

- Maximum Gear Diameter:** 320 mm
- Maximum Gear Module:** 8 mm
- Maximum Workpiece Length:** 400 mm

•**Spindle Speed:**

- Hob Spindle Speed Range:** 40 to 1000 rpm
- Work Spindle Speed Range:** 15 to 300 rpm

•**Hob Spindle:**

- Power:** 7.5 kW
- Maximum Hob Diameter:** 180 mm

•**Table Movement:**

- X-axis Travel:** 600 mm
- Y-axis Travel:** 300 mm

•**Feed Rates:**

- In-feed Rate:** 0.01 to 2 mm/rev
- Return Rate:** 0.02 to 3 mm/rev

•**Accuracy:**

- Cutting Accuracy:** ± 0.015 mm
- Surface Finish:** Ra 1.5 μ m

•**Control System:** Manual operation with advanced settings for helical cutting

•**Helical Cutting Facility:** Equipped with original Pfauter helical cutting capabilities, not available in every PA320 model

•**Dimensions:**

•**Machine Size:** 2000 x 1700 x 2400 mm

•**Weight:**

- Approximate Weight:** 3500 kg
- Power Supply:** 400V, 50/60Hz, 15 kVA

Features:

- Advanced Helical Cutting:** Includes Pfauter's original helical facility, providing enhanced versatility for complex gear geometries.
- High Precision:** Ensures exceptional cutting accuracy and surface finish through meticulous manual control.
- Versatile Capabilities:** Ideal for a broad range of gear sizes and types, accommodating diverse manufacturing requirements.
- Robust German Engineering:** Built in Germany for long-lasting durability and reliability with minimal maintenance.
- Increased Productivity:** Efficient cutting speeds and capabilities designed to optimize production rates.

Applications:

Perfect for high-precision gear manufacturing in:

- Automotive Industry
- Aerospace Sector

- Industrial Equipment

- Power Transmission SystemsPresenting the Pfauter PA320 Gear Hobber, a premier gear cutting machine engineered for precision and versatility. Originating from Germany, the PA320 stands out in its class with the inclusion of a helical cutting facility—an advanced feature that is not standard in every PA320 model. This specific machine is equipped with this unique capability, making it a valuable asset for producing high-quality gears with complex geometries.

Description :--

Presenting the Pfauter PA320 Gear Hobber, a premier gear cutting machine engineered for precision and versatility. Originating from Germany, the PA320 stands out in its class with the inclusion of a helical cutting facility—an advanced feature that is not standard in every PA320 model. This specific machine is equipped with this unique capability, making it a valuable asset for producing high-quality gears with complex geometries.