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Video :-

please click here for video no. 1



Category	:-	Gear Related Machines	Serial No	:-	
Model	:-	PA300 AW	Country	:-	Germany
Make	:-	Pfauter	Type of Machine	:-	Gear Hobber Machine
Year	:-		Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai Warehouse,India	Asking Price	:-	On Request

Specification :-

Pfauter PA300 AW Gear Hobber

Specifications:

- Model:** Pfauter PA300 AW
- 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 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 PA300 AW 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 Systems
- Presenting the Pfauter PA300 AW Gear Hobber, a premier gear cutting machine engineered for precision and versatility. Originating from Germany, the PA300 AW stands out in its class with the inclusion of a helical cutting facility—an advanced feature that is not standard

in every PA300 AW 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 PA300 AW Gear Hobber, a premier gear cutting machine engineered for precision and versatility. Originating from Germany, the PA300 AW stands out in its class with the inclusion of a helical cutting facility—an advanced feature that is not standard in every PA300 AW model. This specific machine is equipped with this unique capability, making it a valuable asset for producing high-quality gears with complex geometries.