

# KUNARK HITECH MACHINING & SALES PVT.LTD.



Kunark House, 269, Kunark Marg, Kaman Bhiwandi Road, Kaman,

Vasai Road (East), Dist: Thane -401208, Maharashtra, India.

Mobile: (+91) 9867973046 Factory: 0250-6454895

Email: [info@jkgears.com](mailto:info@jkgears.com), [dalbirbright@gmail.com](mailto:dalbirbright@gmail.com) website: [www.jkgears.com](http://www.jkgears.com)













Machine Id	:- 675	Serial No	:-
Category	:- Gear Related Machines	Model	:- AH 400 DN
Country	:- Germany	Make	:- KLINGELNBERG
Type of Machine	:- Automatic Modern Quenching Press for Bevel Gear Hardening process	Year	:- 1995
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehosue, India

#### Specification :-

**max. workpiece diameter** **400 mm**

**workpiece height max.** **150 mm**

**max. stroke** **300 mm**

**dayligth** **480 mm**

<b>output rate</b>	<b>250 kg/h</b>
<b>total power requirement</b>	<b>kW</b>
<b>weight of the machine ca.</b>	<b>4.2 t</b>
<b>dimensions of the machine ca.</b>	<b>m</b>

#### **Additional information**

**The machine is intended primarily for hardening of spur and bevel gears.**

**After having been heated to the required hardening temperature, gears are quenched between appropriately profiled dies which remain under hydraulic pressure during the quenching process and direct the flow of quenching oil around the gears.**

**The upper die with centering ram is provided with an inner and an outer compression ring onto which different pressures are exerted. On these machines, workpieces are not only cooled at a very even rate, hardening distortions are also kept within very close tolerances. Different automatic quenching programmes with pre-cooling and quenching, as well as with or without warm straightening prior to quenching can be preselected to suit specific requirements.**

**The generous, preselectable volume of quenching oil available and an efficient heat exchanger allow the machine to operate at a very high degree of efficiency.**

**Quenching dies can be exchanged effortlessly and safely within a relatively short time.**

**AH400DN machine has a loading platform at the front for loading of gears.**