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Category	:-	Gear Related Machines	Serial No	:-	
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	Asking Price	:-	On Request

Specification :-

max. workpiece diameter	400 mm
workpiece height max.	150 mm
max. stroke	300 mm
daylighth	480 mm
output rate	250 kg/h
total power requirement	kW
weight of the machine ca.	4.2 t
dimensions of the machine ca.	m

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.

Description :-