

# TN 700

## HIGHLIGHTS

- » THK linear guide ways
- » extreme stiffness machinesgittel
- » quickste changing timeen for high Produktivität
- » Randlto the main spindle 0.003 mm
- » positioning accuracy: 0.008 mm
- » Time of Warranty 2 Yeaere at aschichtigem operation
- » 6-position supported main spindle

# TN 700

## SPECIFICATIONS

<b>max. swing over bed</b>	620 mm
<b>max. Length of workpiece</b>	1250 mm
<b>max. working length</b>	? mm
<b>max.working diameter</b>	360 mm
<b>diameter of spindlehole</b>	105 mm
<b>spindle bore/Bar through max.</b>	91 mm
<b>spindlenose</b>	A2-8
<b>Maximale Spindlegitichwindigkeit</b>	2000 U/min
<b>Power Servomotor</b>	15/18,5 KW
<b>SPindle runout axial</b>	? mm
<b>SPindle runout radial</b>	? mm
<b>tool Stations</b>	12 with cross-section ? mm/daof 12 live tools
<b>locked of the tool changer</b>	?
<b>Time of Toolchange</b>	? s
<b>Toolchange drive by</b>	?
<b>taper boring tool max.</b>	? mm
<b>taper Tool cross-section max.</b>	? mm
<b>live tools speed max.</b>	4000 U/min
<b>live tools Power max.</b>	? KW
<b>live tools drilling capacity max.</b>	? mm
<b>live tools milling performance max.</b>	? mm
<b>live tools threading capacity max</b>	M ?
<b>movement of X-axis</b>	300 mm
<b>movement of Z-axis</b>	1250 mm
<b>rapid feed Z-axis</b>	20 m/min
<b>rapidfeed X-Axis</b>	15 m/min
<b>positioning accuracy</b>	? mm
<b>repeat accuracy</b>	? mm
<b>quill diameter</b>	? mm
<b>tailstock + quill stroke</b>	? mm
<b>quill konus</b>	morse cone 5
<b>Volumen Hydraulic tank</b>	20 L
<b>Capacity coolant tank max.</b>	? L
<b>enginepower of cooling pump</b>	? W
<b>power of engine permanent</b>	? KW
<b>power of engine short time (30 min)</b>	? KW
<b>weight</b>	11.000,00 kg
<b>dimensions</b>	4550x2270x2550 mm

## ACCESSOIRES

cooling device, 12-fold tool changer for live tools with a speed until 4000 U/min, ? mm hydr. collet chuck, linear guide ways and ball lead screw from THK/Japan, control system Siemens 828D, programmabler tailstock.