

machine 6.105e

**Gear Grinder NILES, Model ZSTZ 08, yop 1990,  
with PLC control ALLEN BRADLEY**



original photo

### **design features**

- hydrostatic guide ways for grinding head, table and bed guide ways
- separate line up of work piece and tool carriers
- ALLEN BRADLEY PLC 3/20 with diagnostic technology
- dresser for sharpening and profiling of grinding wheel
- crowning and copying device
- full housing of the machine
- cooling system
- outer steady



**technical details**

power	kW	
min./max. gear dia.	mm	50 – 800
table dia.	mm	600
max. width of work piece	mm	265
modul		2 –14
max. helix-angle left and right	degree	45
number of teeth		5 – 360
no. strokes	min <sup>-1</sup>	80 - 350
min./max. dia. of grinding wheel	mm	270/350
revolutions of grinding wheel	rpm	2.450
table load	kg	800
electrical conditions	V/Hz	380/50
Total required power	kW	18
machine weight	kg	10
required space	mm	5.830 x 3.310 x 2.750