

Technical DATASHEET CNC horizontal Boring- and Milling Machine

manufacturer	CASTEL
type	GREEN
control	HEIDENHAIN TNC 430
built	1997



Travels

X-axis (lateral movement table)	2.100 mm
Y-axis (vertical movement spindle unit)	1.500 mm
Z-axis (longitudinal movement column)	1.000 mm
W-axis (movement quill)	500 mm

Spindle

spindle diameter	110	mm
spindle cone	ISO 50	
spindle power	22	kW
spindle speed	2.000	1/min
pull stud	form	DIN 69871
no. of gear steps	2	

table

max. workpiece weight	4.000	kg
clamping size	1.100 x 1.300	mm
automatic positioning	360.000 x 0,001	°

Feed

feed range X-, Y-, W-, Z- axis	0 - 10.000	mm/min
rapid feed X-, Y-, W-, Z-axis	10.000	mm/min

Dimensions

Total weight	23.000	kg
Length x Width x Height	7.100 x 6.500 x 3.700	mm

equipment

- support bearing
- manual milling head
- coolant tank with pump