

BUCK

TBFZ 2000 CNC

Stock no. :1022-H08962

## MACHINE-DATA

Machinetype : Deephole Boring Machine  
Make : BUCK  
Type : TBFZ 2000 CNC  
Year : 1998  
Control type : CNC  
Control : Heidenhain TNC 430  
Storage location : Deutschland  
Origin : Germany  
Delivery time : Immediately  
Quotation : Ex site, loaded on truck  
Price : on request



## TECHNICAL DATA

core drilling diameter max.	32 mm
bore depth	1500 mm
Control	Heidenhain TNC 430
total power requirement	40 kW
weight of the machine ca.	15,5 t

## TECHNICAL DESCRIPTION

*CNC deep drilling and milling machine BUCK TBFZ 2000 CNC suitable for deep hole drilling and milling of cubic workpieces.*

*Technical data*

*Travel paths:*

*X - axis (longitudinal) 2000 mm*

*Y - axis (vertical) 1000 mm*

*Z - axis (drilling axis/drilling depth) 1500 mm*

*W axis (boom) 500 mm*

*B-axis (rotary table) 0-360°*

*Drilling/milling unit:*



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*Tool holder SK 50 according to DIN 69871*  
*Speed 0-6000 rpm*  
*Drive power 17.25 kW at 60% ED*  
*NC rotary table (B axis):*  
*Clamping table 1800 x 1500 mm*  
*Table load max. 20000 kg*  
*Feed speed:*  
*X-axis (machine column) 0-15000 mm/min*  
*Y-axis (vertical slide) 0-15000 mm/min*  
*Z axis (drilling slide) 0-15000 mm/min*  
*Work performance in material 1.2312:*  
*Drilling diameter with ELHB 4 - 32 mm*  
*Thread cutting M30, larger threads by milling*  
*Milling capacity 250 cc*  
*High pressure coolant system:*  
*Tank size approx. 2000 liters*  
*Pump performance infinitely adjustable*  
*- Min. delivery rate 16 l/min at 70 bar*  
*- Max. delivery rate 48 l/min at 18 bar*  
*- Drive power 15 kW*  
*CNC Control:*  
*Heidenhain TNC 430 CNC with electronic handwheel*  
*ARTIS tool breakage monitoring*  
*General data:*  
*Operating voltage 380 V / 50 HZ*  
*Control voltage 24 V DC*  
*Total connected load approx. 40 kW*  
*Machine weight approx. 15.5 tons*  
*Space required approx. according to installation plan*

*Machine equipment:*

- 20-pos tool changer on the pick-up system*
- 2 support steady rests for deep hole drilling*
- Scraper belt chip conveyor*
- Electronic handwheel*
- Flushing pump for external coolant supply*
- Machine enclosure according to CE*
- incl. accessory package (holder, drill bushings etc.)*

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## VIDEO-LINKS

## WEB-LINK

<http://mhp.logotech.de/hpm/v7/Datenblatt/datenblatt.php?machineno=1022-H08962>

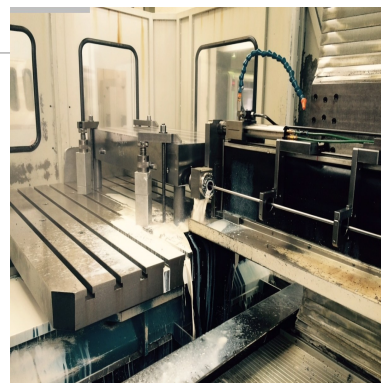
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Technical details and information subject to amendments and errors.