

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	: Germany
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.)

Deephole Boring Machine



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VIDEO-LINKS

WEB-LINK

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

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