

Ref. No.:

1301-020718311200

Overview and Technical Data:

IXION TLF1004 Deep hole boring machine

IXION



Year of Build: Jan 2000

Description:

Used IXION deep hole drilling machine TLF1004

Deep hole drilling-milling machine with 4 CNC axes for run-around machining and complete machining of large and heavy workpieces

For complete machining: deep hole drilling, milling, spiral drilling, countersinking, thread cutting

CNC control Heidenhain TNC430

Technical data:

• Drilling depth: 1.000mm

• Drilling capacity steel Ø 6 - 32 mm

• Drilling capacity cast iron Ø 6 - 46 mm

• Max drilling diameter: 46 mm

• tapping MM 35

• Table size: 1.500 x1.000 mm

Table load: 7.000 kgtool changer: 24x fold

• Travels:

X-axis: 2.000 mm Y-axis: 800 mm Z-axis: 2.000 mm

o rotary table B: 360° degrees

• Spindle data:

o Spindle speed: 60 - 6,000 rpm

- Spindle mounting: SK40 DIN 69871
 Power main spindle 100% S1: 7 kW
 Power main spindle 50% S6: 11 kW
- Cooling:

Coolant pressure: 100 barCoolant flow: 48 l/minCoolant tank: 800 liters

- Accessories of the machine
 - Drill bush extensions from Ø 6-12: quite a few
 single lip drills from Ø6-12: approx. 70 pieces
 - o tool holders approx. 20 pieces
- dimensions:
 - o length: 5.000 mm x width: 6.400 mm x height: 3.200 mm

The machine is still in production and can be visited by appointment.

Technical Data:

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Control:

TNC 430

Dimensions and Weight:

Height:

3.200 mm

Length:

5.000 mm

Width:

6.400 mm

Weight:

16.000 kg

Buyer Information:

Condition:

Very good condition

Available:

Sold

Sold as:

EXW (Ex Works - Incoterm)

VAT:

19 %

Buyers Premium:

16 %

Location:

Germany

Images:







IXION TLF 1004



TI E1004

- Tiefborr-Fräsmaschine mit 4 CNC-Achsen (X, Y, Z, B) für Rundum- und Komplettbearbeitung großer und schwerer Werkstücke
- Präziser NC-Rundtisch mit hydr. Klemmung in der Arbeitsposition (1500 x 1000 mm)
- Fräsen wie mit einem BAZ
- Direktbohren bis 25 mm ø mit Einlippen-Hartmetalibohrern
- Sehr gut begehbare Umhausung mit Trittrosten und Ölsumpf. Als Option: Vollabdeckung und Ölnebelabsaugung. Die Grundaustattung entspricht allen Sicherheits- und Umweltvorschriften
- · Tiefbohr- und Fräszyklen
- IXION-Werkzeug-Verschleißüberwachung
- Werkzeugwechsler f
 úr 12 (24) Werkzeuge als Option (nicht f
 úr ELB)

TLF1004

- Deep hole drilling and milling machine with 4 CNC axes (X, Y, Z, B) for all-round and complete machining for large and heavy work pieces
- Precise full NC rotary table with hydraulic clamping in the work position (1500 x 1000 mm)
- Milling as on a machining centre
- Direct drilling into full material up to 25 mm ø using gundrills
- Accessible housing with safety walkway and oil sump. Optional: full cladding and coolant mist extraction. The basic scope of delivery corresponds to all safety and ecological requirements
- Deep hole drilling and milling cycles
- IXION monitoring of tool wear
- Tool changer for 12 (24) tools on option (not for gundrills)

TLF1004

- Foreuse-fraiseuse à 4 axes gérés par CN (X, Y, Z et B) pour travaux d'usinage complets de pièces volumineuses et lourdes
- Plateau circulaire de haute précision géré par CN avec blocage hydraulique dans la position de travail (1500 x 1000 mm)
- Fraisage identique à centre de production
- Centrage direct jusqu'à 25 mm de ø avec foret trempé à une lèvre de coupe
- Carénage très praticable avec caillebotis et carter à huile. En option: recouvrement total et aspiration du nuage d'huile. L'équipement standard répond aux normes de sécurité et de protection de l'environnement
- Cycles de forage et de fraisage
- Contrôle d'usure des outils IXION
- Changeur d'outils pour 12 (24) outils en option (non valable pour ELB)



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