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Ref. No.:

1301-020718311200

Overview and Technical Data:

IXION TLF1004 Deep hole boring machine

[IXION](#)

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 \varnothing 6 - 32 mm
- Drilling capacity cast iron \varnothing 6 - 46 mm
- Max drilling diameter: 46 mm
- tapping MM 35
- Table size: 1.500 x1.000 mm
- Table load: 7.000 kg
- tool changer: 24x fold
- Travels:
 - X-axis: 2.000 mm
 - Y-axis: 800 mm
 - Z-axis: 2.000 mm
 - rotary table B: 360° degrees
- Spindle data:
 - 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 bar
 - Coolant flow: 48 l/min
 - Coolant 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
 - tool holders approx. 20 pieces
- dimensions:
 - 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:

Technical Data:

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

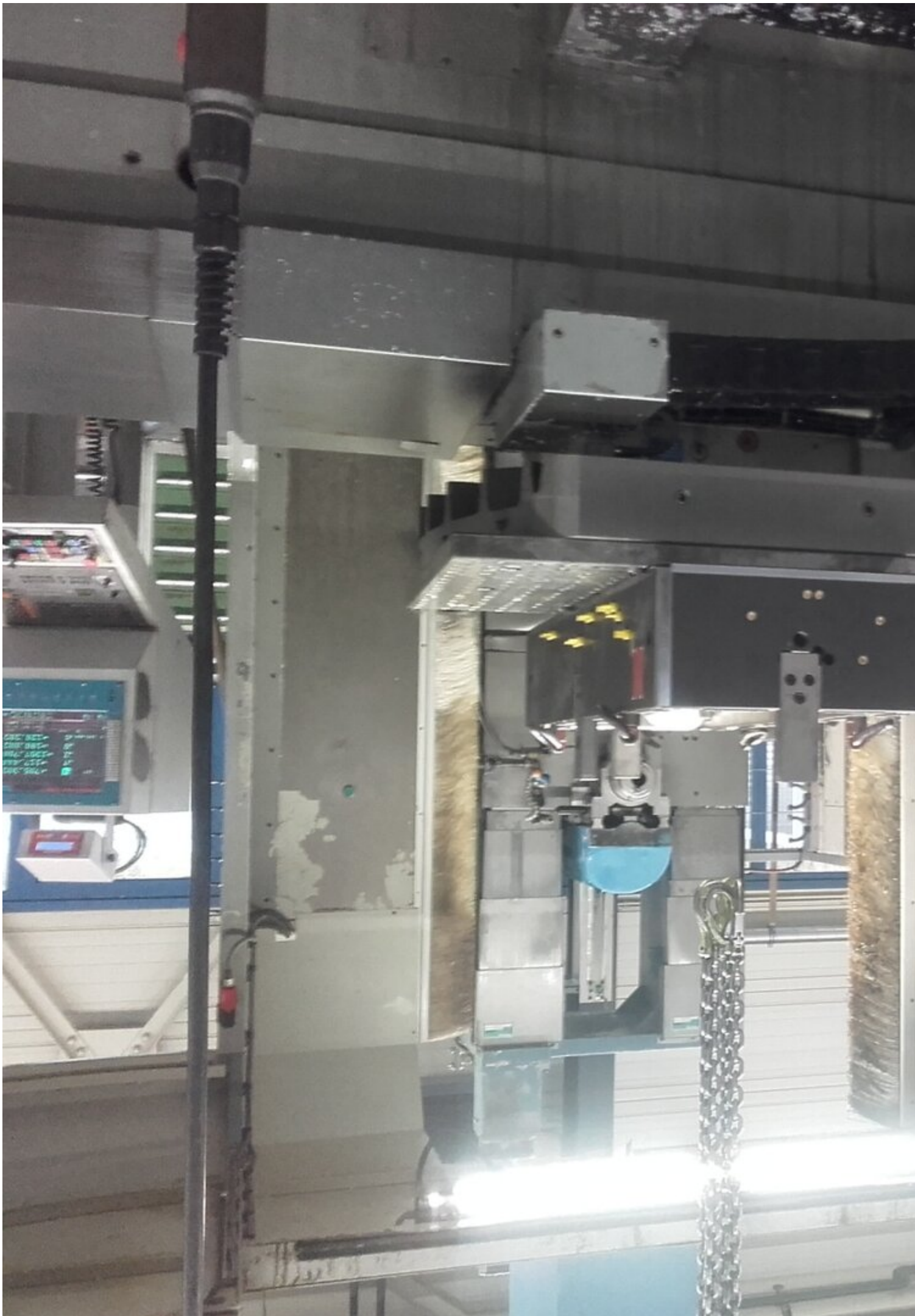
Images:

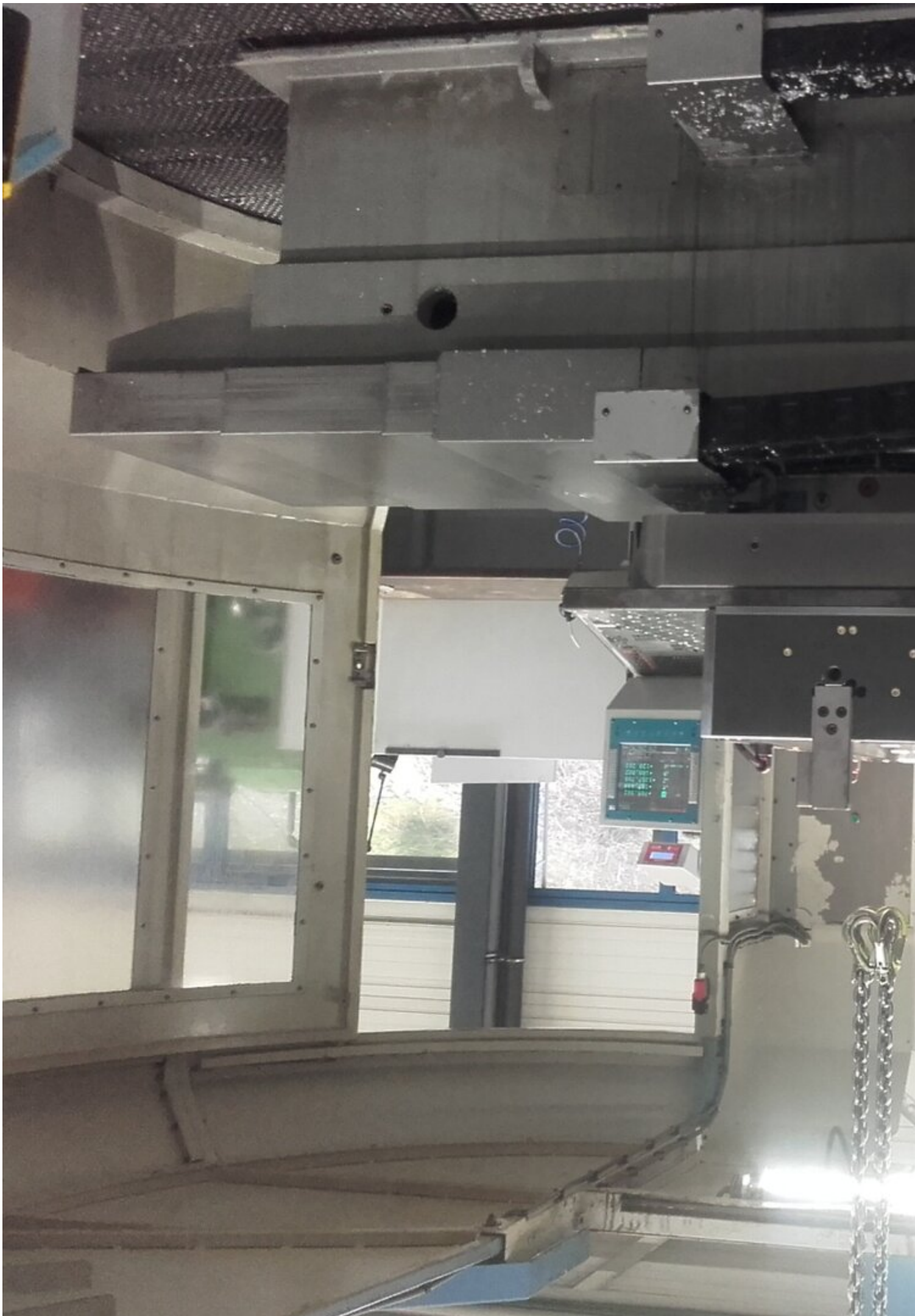


Control panel with a grid of buttons and a small display.

Parameter	Value
X	+705.382
Y	+117.444
Z	+1357.708
8	+180.002
+C	+128.202
5	191.488
1000	NOV 18 12:26
01	9-MON LIMIT 5
END	

Small display unit with a red screen and buttons.





IXION TLF 1004



TLF1004



- Tiefbohr-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 \varnothing mit Einlippen-Hartmetallbohrern
- Sehr gut begehbare Umhausung mit Trittrösten und Ölsumpf. Als Option: Vollabdeckung und Ölnebelabsaugung. Die Grundausstattung entspricht allen Sicherheits- und Umweltvorschriften
- Tiefbohr- und Fräszyklen
- IXION-Werkzeug-Verschleißüberwachung
- Werkzeugwechsler für 12 (24) Werkzeuge als Option (nicht für 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 \varnothing 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 \varnothing 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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