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Ref. No.:

1322-06021026

Overview and Technical Data:

DOOSAN HM 800 Horizontal Machine Center with 2 Pallets

[DOOSAN](#)



Year of Build:
Sep 2007

Description:

Used DOOSAN ACE – HM 800 Horizontal Machine Center

Control type: FANUC 18 - IM Macro

Technical data:

- Travels
 - X axis: 1250 mm (49.2")
 - Y axis: 1000 mm (39.4")
 - Z axis: 1000 mm (39.4")
 - Rapid traverse rates X/Y/Z: 24m/s
 - Cutting feed rates (X/Y/Z) : 12m/s
- Spindle
 - Speed range : 20 - 6000 rpm
 - Drive power: 18,5 / 22KW
 - Gear stages: 3x
- Pallet
 - Table size: 800 x 800mm
 - Number of pallets: 2x 800x800 mm (31.5")
 - Pallet indexing: 1 degree
 - Maximum pallet load: 1600 kg (3,520 lbs)
 - Pallet change time: 29 seconds
- Tooling
 - Tool taper: A50, DIN 69871 B
 - Tool length max. : 550 mm (5.3")
 - Tool Ø max. : 250 mm (9.8") / with free adjacent space
 - Tool weight max. : 25 kg (55 Lbs)
 - Time from tool to tool : 2.5 seconds
- Number of magazine positions: 90 x pieces (automatic two-arm tool changer)
- Max workpiece height: 1200 mm
- Package tool offsets: 200
- Paper belt filter Exhaust system Schanier belt chip conveyor
- Main unit dimensions LxWxH: 3556mm x 6248 x 3229 mm / 140.00" x 246.00" x 127.00"

Machine ran 70% of the time in 2 shifts in 14 years.

Advantage of DOOSAN HM Series Horizontal Machining Centers

With close to 2,590 ft-lbs of spindle torque and plenty of pallet size to spare, Doosan's HM Series is a horizontal beast that brings the value.

6,000 RPM spindle in the HM Series.

The term "heavy duty" is thrown around a lot in this industry. But here at Doosan, it doesn't get much more heavy duty than the HM series. The gear-driven spindle eats heavier cutting requirements for breakfast, lunch and dinner.

How the HM Series handles heat buildup.

If heat buildup is not controlled, you can overheat the spindle in a hurry. Thankfully, the HM Series is equipped with spindle cooling that minimizes thermal error during extended heavy cutting. Wear and tear is

minimized, and you stay cool as a cucumber.

Technical Data:

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Control:

[Series 18i](#)

Spindle Speed:

6.000 rpm

Tool Holder:

[HSK-A50](#)

Tool Capacity:

90 x

Travels:

X-Axis:

1.250 mm

Y-Axis:

1.000mm

Z-Axis:

1.000 mm

Dimensions and Weight:

Height:

3.229 mm

Width:

6.248 mm

Length:

3.556 mm

Weight:

20.500 kg

Buyer Information:

Condition:

[Very good condition](#)

Availability:

[Sold](#)

Sold as:

[EXW \(Ex Works - Incoterm\)](#)

VAT:

[19 %](#)

Buyers Premium:

[18 %](#)

Location:

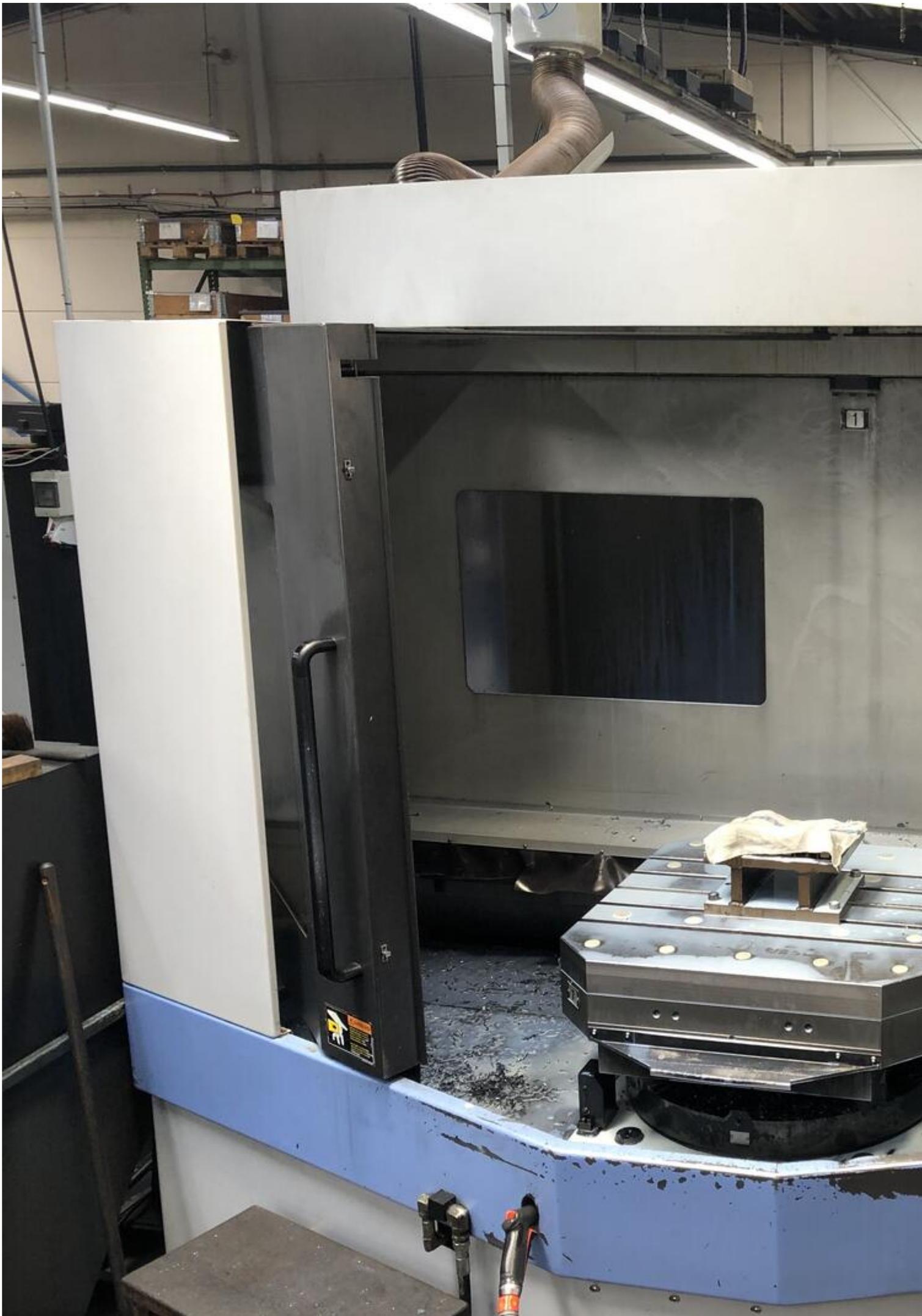
Germany

Images:



DOOSAN
HM 800





FANUC Series 18i-MB

1ST-POSITION

00482 N00020

(ABSOLUTE)
 X -0.917
 Y 846.650
 Z 1084.900
 B 0.000

(MACHINE)
 X 624.000
 Y 1000.000
 Z 1000.000
 B 0.000

(MODAL)
 300 640 654 F 450 H 10
 617 643 664 H 55
 691 680 669 D
 622 698 615 SP.1
 634 650 625 + T
 621 667 650.1 S 300
 151-5 0

F 0
 0 306 F 1000 WSTK. ZREHL.
 LAUFZEIT 706SH20H VORSCH-ZEIT 0H 5M 3S
 S 0 L 0

306 **** * * * * 10:49:47

ABS REL ALLE (BETR)

RESET HELP SHIFT PAGE PAGE INPUT

O_c N₃ G_E P_c 7 8 9
 X_U Y_V Z_W Q_; 4 5 6
 I_. J_A K₀ R 1 2 3
 M₌ S₌ T_. L₊ 0
 F_c D₃ H_& B_{SP} / EOB CAN

POS PROG OFFSET SETTING CUSTOM
 SYSTEM MESSAGE GRAPH

ACHTUNG WARMLAUFPROGRAMM STARTEN

Emergency stop: Red/Yellow button with power symbol.

Power: Green indicator light.

Mode select: Switch with icons for various modes.

Axis select: Rotary knob with X, Y, Z, B, 5TH positions.

Speed select: Rotary knob with 0, 20, 40, 60, 80, 100, 120, 140, 150, 160, 180, 200.

Feed select: Rotary knob with 0, 25, 50, 100.

Temperature gauge: Analog gauge with 0-100% scale.

Temperature control: Rotary knob with 0, 20, 40, 60, 80, 100, 120, 140, 150.

Temperature indicator: Green and red indicator lights.

Temperature control buttons: Red and yellow buttons.

Temperature control switches: Various toggle switches.

Temperature control knobs: Various knobs for fine adjustment.











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CE BEARBEITUNGSZENTRUM
MODELL : HM 800
SERIEN-NR. :

NETZANSCHLUSS : AC200/220V, 3Φ.PE, 50/60Hz

NENNLEISTUNG : 54.75 kVA

MAX. LAST : 22.0 kW

VOLLASTSTROM : 168.82 A

UNTERBRECHUNGSSTROM : 9.0 kA

SCHALTPLAN-AUSGABE :
:

GEWICHT : 20500 kg

GEBAUT : 2007.09. MADE IN KOREA

Haupt-Überstromschutz an den Maschinen-Netzkl. mm.

Doosan Infracore
601-3, Namsan-dong, Changwon, Korea

C42355233C, GERMAN



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Assessment and Sale of Used Assets world wide

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Tool Capacity:

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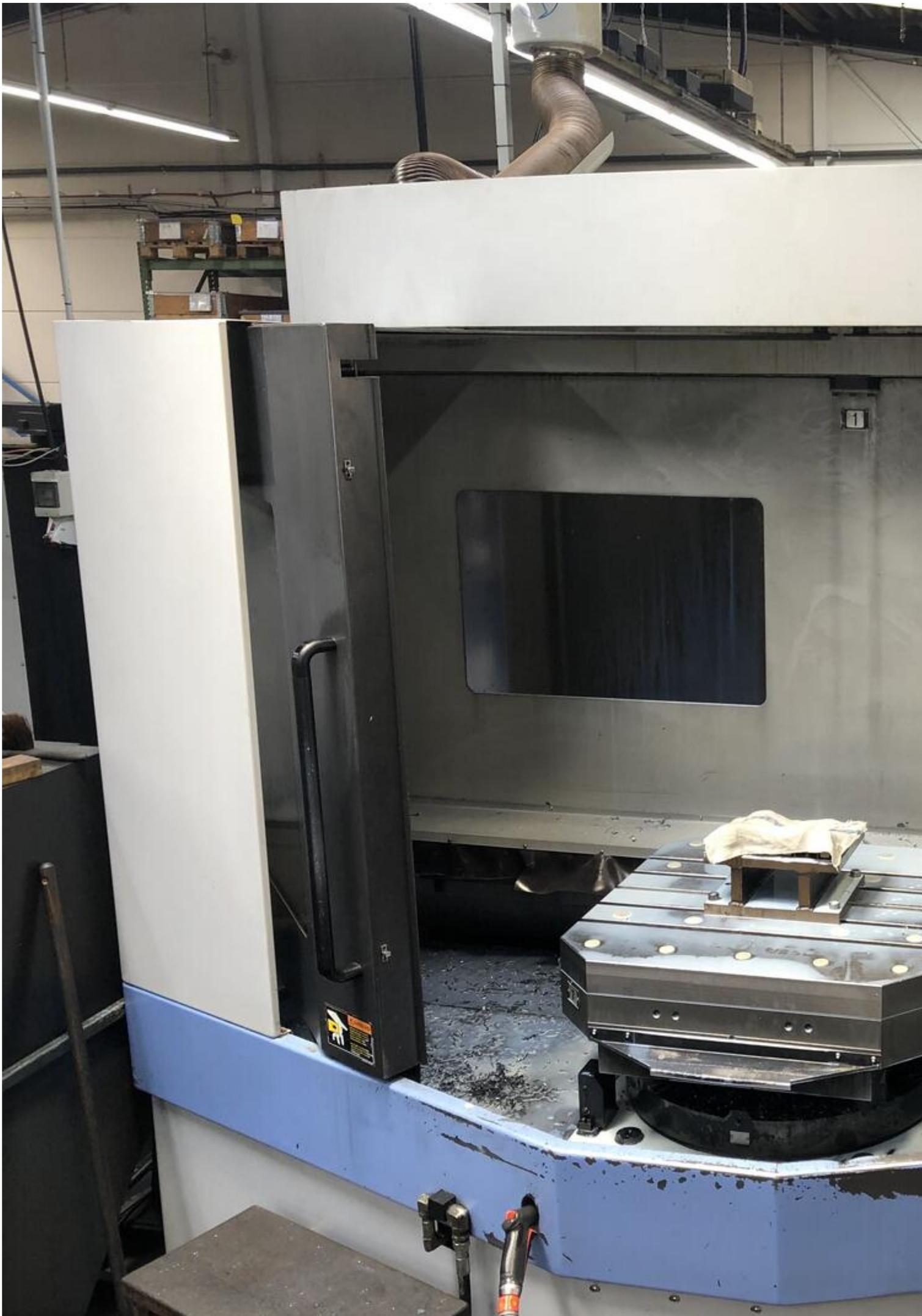
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(MODAL)
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 317 G43 G64 H 55
 322 G98 G15 D SP.1
 334 G50 G25 + T
 321 G67 G50.1 S 300
 151-5 B

F 0
 0 306 F 1000 WSTK. ZREHL. 0
 LAUFZEIT 7063120H VORSCH-ZEIT 0H 5M 3S
 306 **** * * * * 10:49:47 S 0 L 0

ABS REL ALLE (BETR)

Keyboard with keys: RESET, HELP, SHIFT, F, D, H, B, M, S, T, L, +, -, 0, ., /, EOB, CAN, INPUT, POS, PROG, SYSTEM, MESSAGE, GRAPH, OFFSET, SETTING, CUSTOM, PAGE, PAGE, arrow keys, numeric keypad (1-9), O, N, G, P, C, X, U, Y, V, Z, W, Q, R, I, J, A, K, R, 1, 2, 3, 4, 5, 6, 7, 8, 9, ALTER, INSERT, DELETE.

ACHTUNG WARMLAUFPROGRAMM STARTEN

Emergency stop button (red/yellow), power button, green indicator light, and various control buttons.

Axis selection knob (X, Y, Z, B) with 5TH position, and status LEDs for X, Y, Z, B.

Two speed selection knobs (F0, F1) with percentage scales and associated control buttons.

Large speed selection knob with percentage scale (0-150%), a gauge, and various control buttons.

Control panel with indicator lights (green, red), buttons, and a small display.











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