



Victor Taichung at EMO 2019

Hall 27, E14
(19m x 17m)

18-July-2019



Victor Taichung at EMO Hannover 2019 (7 machines)

5-axis



Vcenter-AX800 (TNC-640)



Vcenter-P76APC **NEW!**



EMO
Hannover

16-21·9·2019
The world of metalworking

Hall 27, E14
(19m x 17m)



NEW!

Vcenter-AX630 (TNC-640)

Multi turrets



Vturn-Q200T2Y2

NEW!

Robot



Vturn-NP20CM + Robot



Vturn-A20LSB(66)



Vturn-S26/110

E14

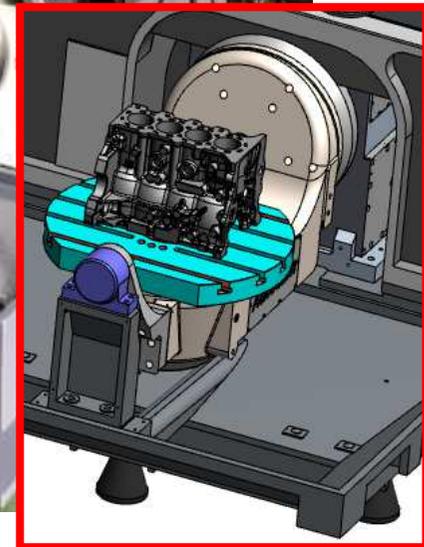


*Draft layout (not finalized yet)

[1] Vcenter-AX630 for 5-axis machining



- *Roller cam mechanism*
- *Table diameter Ø630x500 mm mounted on the machine base*
- *Heidenhain TNC-640 full 5-axis control equipped.*
- *Bellows canvas at top (top covers)*
- *Engine block is mounted for demo cutting at booth.*



(2) Vcenter-AX800 Full 5-axis Machining

- Swivel head (B-axis) and rotary table (C-axis) facilitate 5-axis machining of large parts, up to 1000mm in diameter.
- The C-axis table is clamped at high torque 3433 Nm for heavy cutting
- The B-axis swivel head includes a Hirth coupling with 1° increment further enhancing the rigidity, and 4 + 1 axis machining capability.
- Bottom flush from left side avoids chips built-up below X-axis covers.



- HD video is available and displayed at show.
- Heidenhain KinamaticsOpt with calibrating ball

(3) Vcenter-P76_APC



- APC mechanism seated on ground for high rigidity
- Pallet dimension 720mm x 400mm
- Pallet exchange time 15 seconds (including air sealing detection time)
- Control panel at right side for easy operation
- Linear scales and 4th axis can be installed.



(4) Vturn-NP20CM with Gantry Robot



- Compact cell for New Vturn-NP20CM with rear disposal chip conveyor
- Spindle motor upgrade Fanuc β 12i

(5) Vturn-S26/110



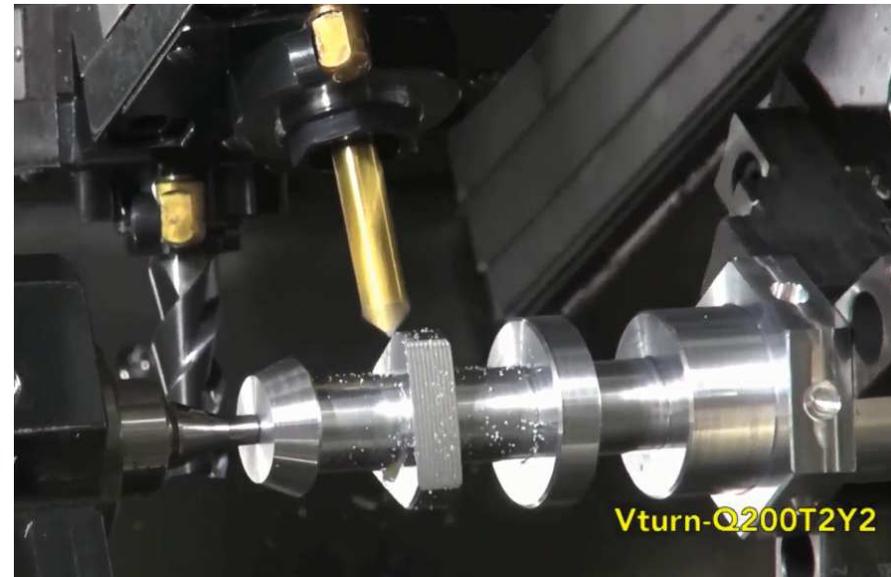
- Extended version of Vturn-S26/60 with longer Z-axis travel 1100mm.
- Larger window is included as standard.
- Lowered rear guarding to cover more items for safety concerns.



(6) Vturn-Q200T2Y2 with 2 Turrets and Y-axis

Exhibit configuration:

- *Fanuc 31i-B (15") control*
- *2 turrets (upper + lower) with Y-axis BMT-65 milling turret*
- *Large spindle bore 65mm for main spindle & sub-spindle*
- *High pressure coolants (2 off Grundfos pump MTR3-23 for upper & lower turrets).*
- *Renishaw MTP*
- *Robotic part catcher*



(7) Vturn-A20LSB_CM

- Large spindle bore (66mm)
- C-axis BMT-55 turret
- B axis Servo-driven independent tailstock

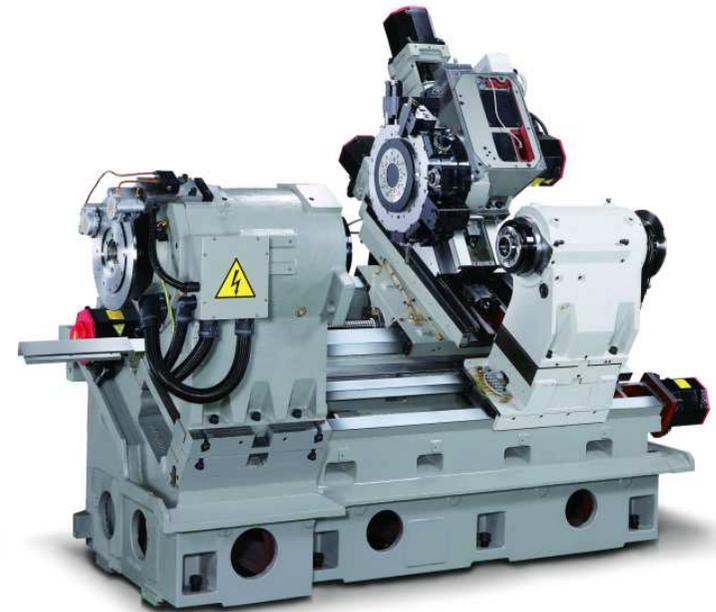


Photo. Vturn-A20Y