



Victor Taichung at EMO 2023



EMO

HANNOVER

18-23/09/2023

(Hall 015 B05)

Issued on 24-Jul-2023





Victor Taichung at EMO 2023

Exhibits (7 machines):

VMT

- *VMT-X260 with Siemens ONE control (full 5-axis)*
- *Vcenter-AX630 with TNC-640 control (full 5-axis)*

Robot

- *Vturn-A200YSCM + Robot system (by RoboJob)*
- *Vcenter-AX380 + Robot system (by RoboJob)*

HTL

- *Vturn-A260YSCM (Premiere)*
- *Vturn-S20/60CM*
- *Vturn-NP20CM_LSB (66mm)*



Victor Stand: Hall 15 / Booth B05





Victor Stand: Hall 15 / Booth B05 (15.5m*29m)



VT-A200YS + Robot



VT-NP20CM_LSB



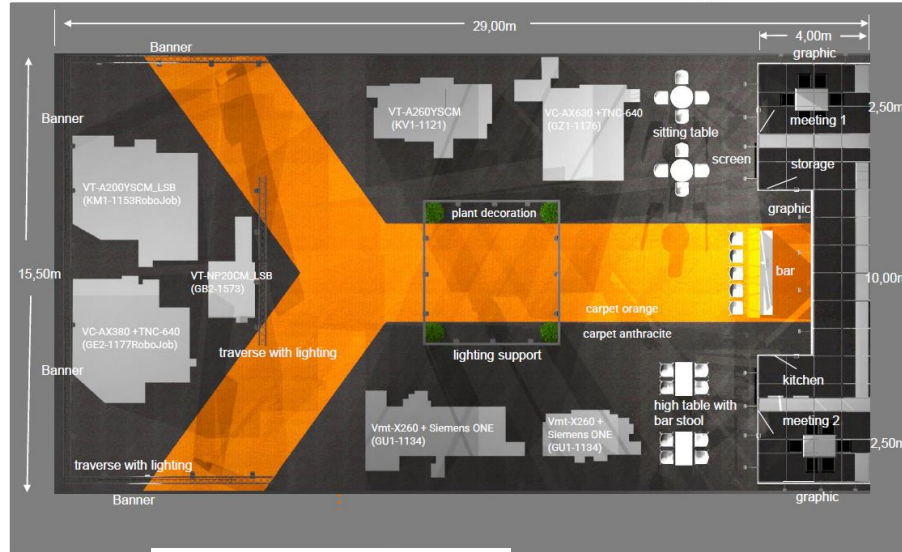
VC-AX380 + Robot



VT-A260/75YS



VC-AX630



Vmt-X260 + Siemens ONE

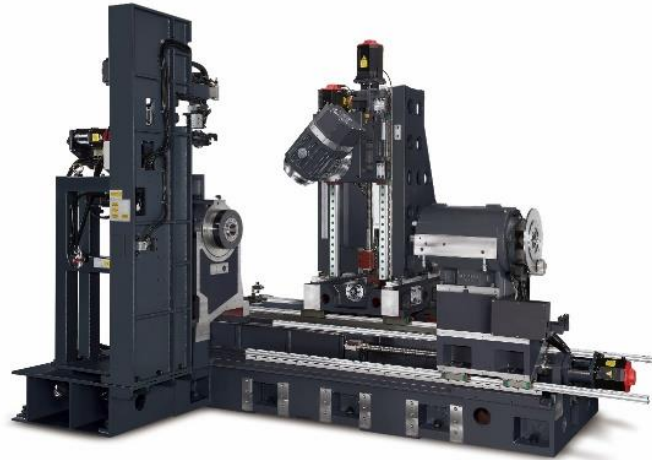


VT-S20/60CM

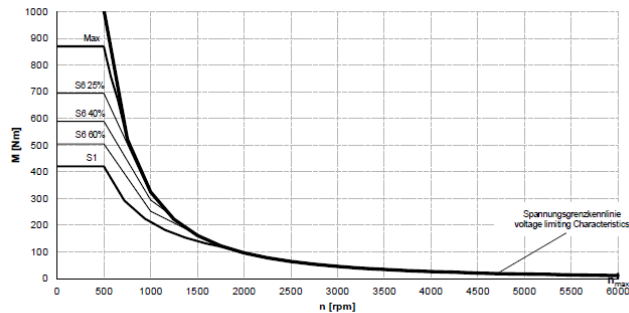
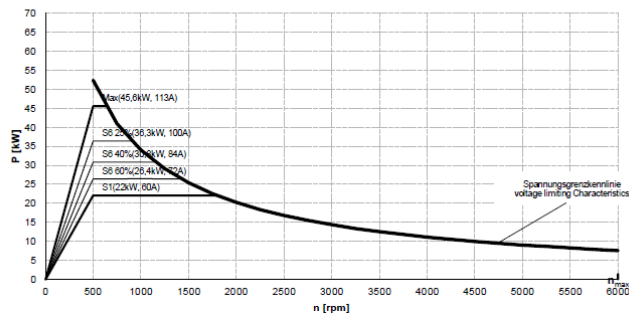


VMT-X260 *with Siemens ONE control*

- **Siemens SINUMERIK ONE (19") + full 5-axis control**
- **Multi-Tasking machinery**
- **Roller geared B-axis swivel head**
- **Turing spindle 10" chuck (3500rpm) + 8" chuck (4200rpm)**
- **Milling spindle 12000rpm with HSK-T63 tooling**
- **ATC 40 tools**



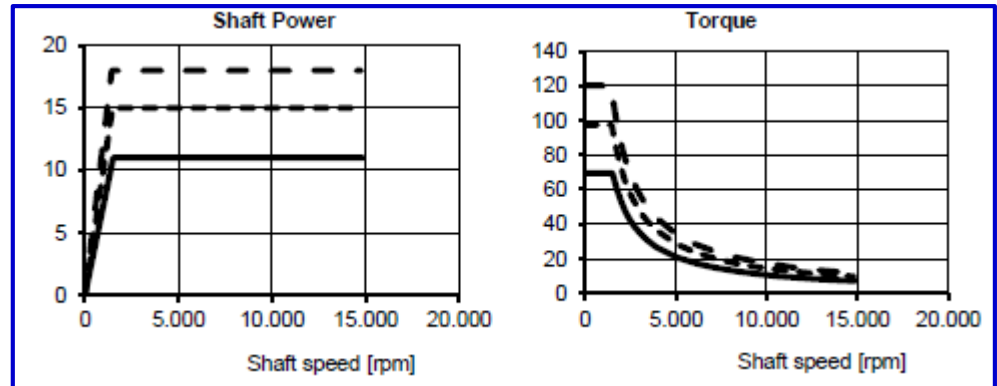
n_{10}	P_{10}	M_{10}	I_{10}	n_{max}	$P_{V,station}$	$P_{V,motor}$	$P_{V,gesamt}$	n_2	M_{max}	I_{max}	M_0	I_0
[rpm]	[kW]	[Nm]	[A]	[rpm]	[W]	[W]	[W]	[rpm]	[Nm]	[A]	[Nm]	[A]
500	22.0	420	60.0	6000	3300	1600	4900	1800	870	113	420	58



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 * siehe Projektierungsanleitung

➤ **Turning spindle motor**
Siemens® 1FE2145-8CCxx-(22/26.4/36.3 kW)

➤ **Milling spindle motor**
ATE® AC 200_100_8P (11/15/18 kW)

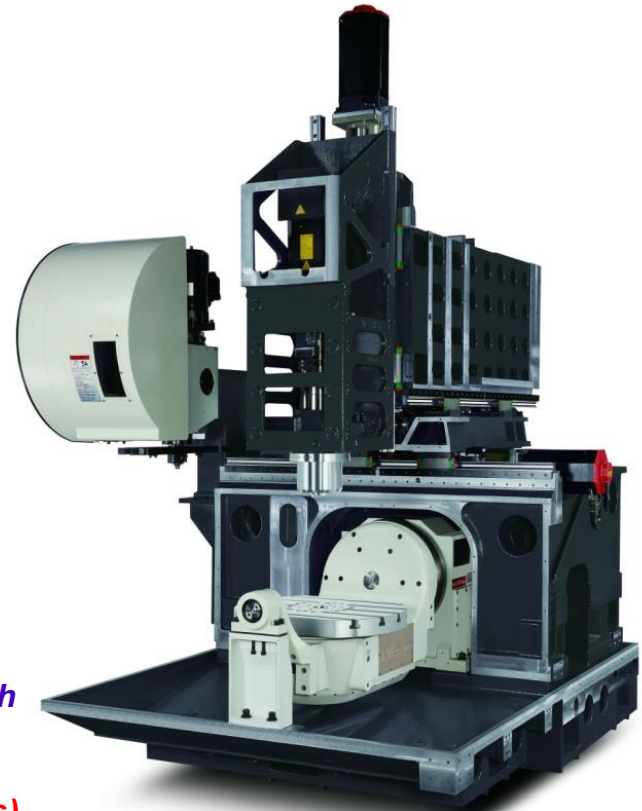




Vcenter-AX630 for 5-axis machining

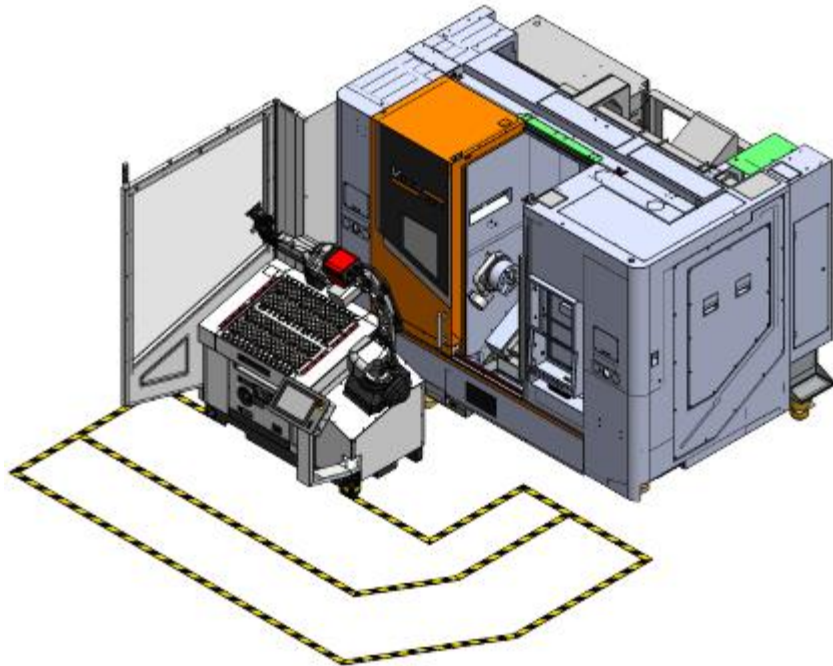


- **Roller cam mechanism**
- **Table diameter Ø630x500 mm mounted on machine base**
- **Heidenhain TNC-640 full 5-axis control equipped.**
- **Bellows canvas at top (top covers)**
- **CTS (MTRE 3-30/30, 35 bars with frequency converter) with MAHLE duplex filter**
- **60 tools (BCV-40 / SK-40)**
- **Chain type with scrapper inside (for steel/Aluminum chips)**

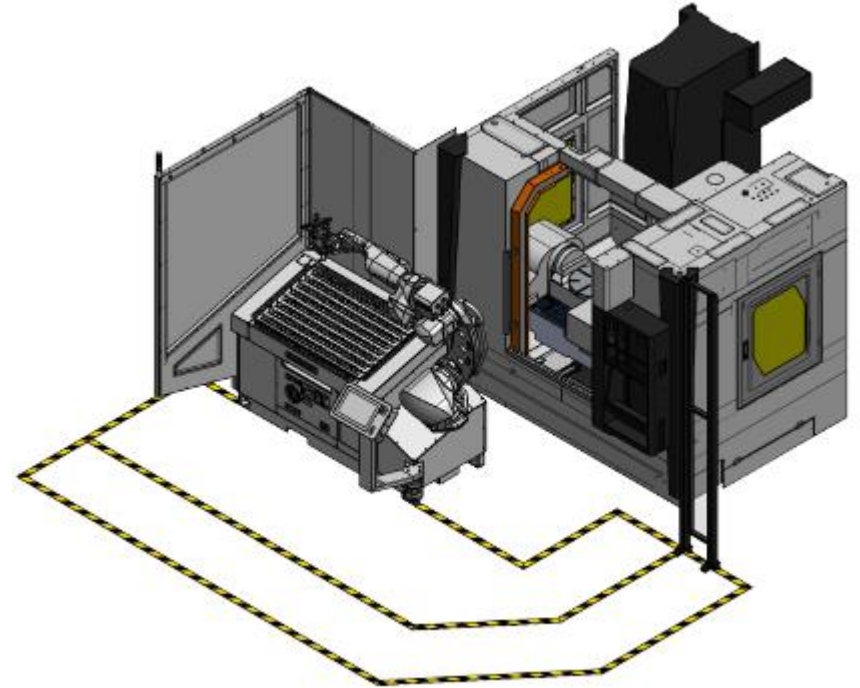




Robot Automation (coped with *RoboJob*[®])



VT-A200YS + Robot



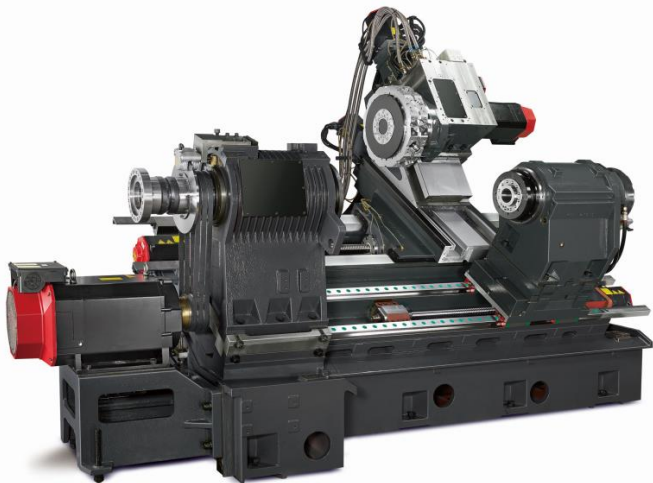
VC-AX380 + Robot



All New Vturn-A260YSCM (Premiere!)

All new Vturn-A260/75YSCM (KV1)

- Belt-driven spindle 15/18.5/22kW (std), built-in spindle (opt.)
- Z-axis travel 750 mm / 1300mm (in 2024)
- Main spindle with 10" chuck/3500rpm
- Subspindle with 8" chuck/4200rpm/BC.52mm, 11/15 KW
- Spindle motor as milling motor good for long time contouring
- LM guideways for tailstock
- Opt. Built-in spindle with 10" chuck, BC 75mm (15/22KW)



- Fanuc Oi-TF Plus (type-1) control with 10.4" screen
- E-axis servo driven tailstock (digital tailstock)
- Pressure gauge in front
- Rotary operation panel
- Door moving along LM guideways
- Coolant flush onto Z-axis covers
- Built-in LED light



Vturn-S20/60CM (KB1)

- One piece 30° slant bed
- Large swing diameter 600 mm
- 8" Power chuck / 4200 rpm
- Z-axis travel 400 / 600 mm (S20/40, S20/60)
- Programmable tailstock
- Machine width 2300 mm only (S20/40) with
- High rapid feed 20/24 m/min (X/Z)
- C-axis BMT-55 turret



Vturn-NP20CM_LSB (GB2)

- **Narrow machine width 1930 mm**
- **Turning length 400mm**
- **8" chuck / 4200rpm (LSB: 66mm/4000 rpm)**
- **Rapid feeds 30/30 m/min (X/Z)**
- **Roller type linear guideways**
- **C-axis BMT-55 Servo turret**
- **One-piece slant bed**
- **Rear / Right chip disposal**
- **Ready for unmanned operation**