



# 通用技术大连机床 GENERTEC DALIAN MACHINE TOOL



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GENERTEC DALIAN MACHINE TOOL



通用技术大连机床有限责任公司  
GENERTEC DALIAN MACHINE TOOL CO., LTD.

Address: No. 57, Zhongshan Road

## CATALOGUE



## Enterprise profile

Competition  
Slant Bed CNC Lathe Workben

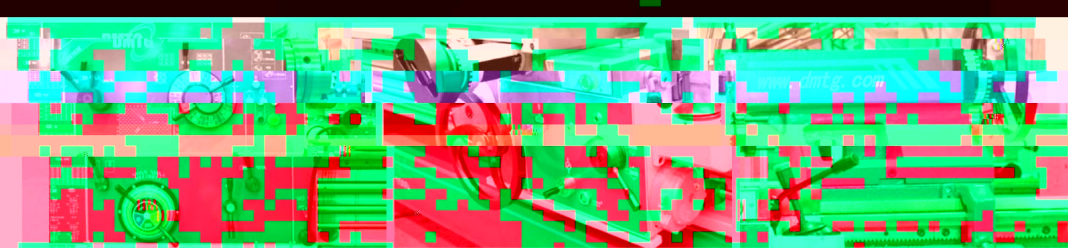
tools for industry or automotive, railway transport



# Conventional Lathe CW-E Series

Specification	Unit	CW6263E	CW6280E	CW62100E
Max. Swing diameter over bed	mm	Φ630	Φ800	Φ1000
Max. Swing diameter over cross slide	mm	Φ350	Φ480	Φ715
Max. Swing diameter in gap	mm	Φ800	Φ1000	Φ1230
Max. work piece length	mm	1000/1500/2000/3000/4000/5000/6000		
Max. cutting length	mm	600/1100/1600/2600/3600/4600/5600		
Bed guideway width	mm		550	
Spindle				
Spindle nose			C11 *D11	
Spindle bore	mm	Φ100(C11) *Φ105(D11) Opt:Φ130 (C11/D11)		
Chuck size	mm	Φ315	Φ400	Φ400
Taper of spindle bore		Metric 120(1:20) Opt:Φ130-Metric 140(1:20)		
Max. Spindle torque	Nm	2400		
Spindle speed ranges	rpm	7.5-1900(18 Speeds)		

Modular threads	mm	0.5-120(53 Kinds) *0.5-126(57 Kinds)
Lead	mm	1.125(4 Kinds) 1.25(4 Kinds) 1.5(4 Kinds) 1.75(4 Kinds) 2.0(4 Kinds) 2.25(4 Kinds) 2.5(4 Kinds) 2.75(4 Kinds) 3.0(4 Kinds) 3.25(4 Kinds) 3.5(4 Kinds) 3.75(4 Kinds) 4.0(4 Kinds) 4.25(4 Kinds) 4.5(4 Kinds) 4.75(4 Kinds) 5.0(4 Kinds) 5.25(4 Kinds) 5.5(4 Kinds) 5.75(4 Kinds) 6.0(4 Kinds) 6.25(4 Kinds) 6.5(4 Kinds) 6.75(4 Kinds) 7.0(4 Kinds) 7.25(4 Kinds) 7.5(4 Kinds) 7.75(4 Kinds) 8.0(4 Kinds) 8.25(4 Kinds) 8.5(4 Kinds) 8.75(4 Kinds) 9.0(4 Kinds) 9.25(4 Kinds) 9.5(4 Kinds) 9.75(4 Kinds) 10.0(4 Kinds) 10.25(4 Kinds) 10.5(4 Kinds) 10.75(4 Kinds) 11.0(4 Kinds) 11.25(4 Kinds) 11.5(4 Kinds) 11.75(4 Kinds) 12.0(4 Kinds)



Machine weight	kg	8240×1430×1830(6000)	8240×1470×1830(6000)	8240×1550×1830(5000)	7120×1550×1830(5000)
option screw		4050/4350/4650/5150/5950/6650/7450	4250/4550/4850/5350/5950/6650/7350/7850	4500/4800/5100/5600/6050/7450	

**Standard accessories**

- 3-Jaw chuck
- Chuck guard
- Wedge block
- 4-way tool post
- Tool post guard
- Standard toolkit & Oil gun

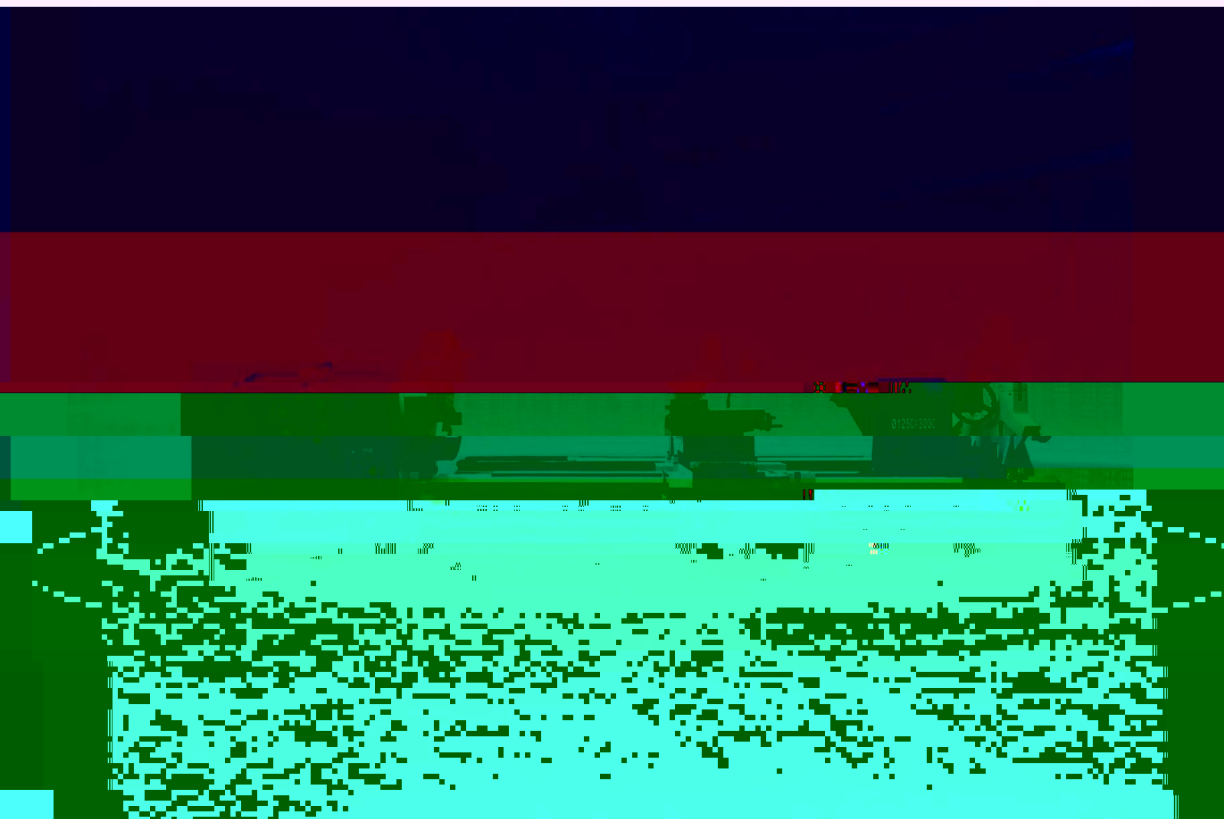
**Optional**

- 4-Jaw chuck
- Quick-change tool post
- Spindle center and center sleeve
- Face plate
- Taper-turning attachment
- Diameter of spindle bore Φ130
- 15kW spindle motor
- Steady rest & Follow rest

- Foot brake(1m~3m Available)
- Rear splash guard
- Live center of tailstock
- Thread dial
- DRO
- Large-sized steady rest
- Anti-vibration/Adjustable pads

# Conventional Lathe CW-M Series

Specification	Unit	CW61100M	CW61125M	CW61140M	CW61160M
Max.Swing diameter over bed	mm <sup>Ø</sup>	Φ1000	Φ1250	Φ1400	Φ1600
Max.Swing diameter over cross slide	mm	Φ630	Φ880	Φ1030	Φ1230
Max. swing angle	°	180°/7800			
Max. workpiece weight	kg	6000(Opt: 8000 - 10000)			
Max. turning length	m	10			



Travel of tailstock quill	m	300
Taper of tailstock quill	mm	Metric 80(With No. 6 MT Reducing sleeves) Opt.No. 6 MT (Φ200)
Max. turning length	m	10
Max. turning diameter	mm	Φ1600
Max. turning weight	kg	6000(Opt: 8000 - 10000)
Max. turning diameter over cross slide	mm	Φ1230
Max. turning diameter over bed	mm	Φ1600
Max. turning length	m	10
Max. turning weight	kg	6000(Opt: 8000 - 10000)

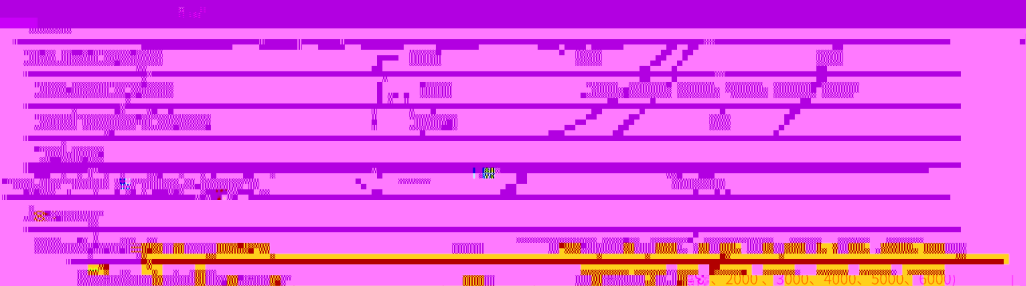


# Flat Bed CNC Lathe

Specification	Unit	CKA61100M	CKA61125M
Max.swing diameter over bed	mm	Φ1000	Φ1250
Max. swing diameter over bed	mm	1000	1250

Spindle center height	mm	500	625
Bed guideway width	mm	755	755
Spindle			
Spindle motor power (Servo motor)	kW	22/26 (FANUC)	
Spindle bore	mm	Φ130	
Chuck size	mm	Φ100	Φ1250
Taper of spindle bore		Front end Φ140mm 1:20	
Type of spindle nose		A <sub>1</sub> -15	
Spindle speed ranges	r/min	2-500 (L 2-87, M 5-201, H 11-500)	
Spindle speed ranges (with gearbox)	r/min	2-315	2-225

Tailstock quill diameter	mm	Φ100
Tailstock diameter	mm	Φ100



Machine turntable dimensions (L×W×H)	mm	800, 1000, 1250, 1500, 2000, 3000, 4000, 5000, 6000	800, 1000, 1250, 1500, 2000, 3000, 4000, 5000, 6000
Machine weight	t	13.5/14/15/16/17/18	14.5/15/16/17/18/19

### Standard configurations

- Servo spindle motor
- FANUC 0i-TP (1) Plus system
- 4-Jaw manual chuck
- Vertical 4-position turret

### Optional

- Siemens system
- Steady rest
- Follow rest
- Air conditioner

# Slant Bed CNC Lathe CLS Series

Specification		Unit	CLS-20	
Max. swing diameter over bed		mm	Φ500	
Max. turning diameter	Shaft parts	mm	Φ260	
	Disc parts	mm	Φ300	
Max. turning length		mm	450	430



- Hydraulic tailstock
- Hydraulic chuck
- Hydraulic tool holder
- Hydraulic tool rest
- Hydraulic tool support
- Hydraulic tool rest
- Hydraulic tool support
- Hydraulic tool rest
- Hydraulic tool support

# Slant Bed CNC Lathe DT Series

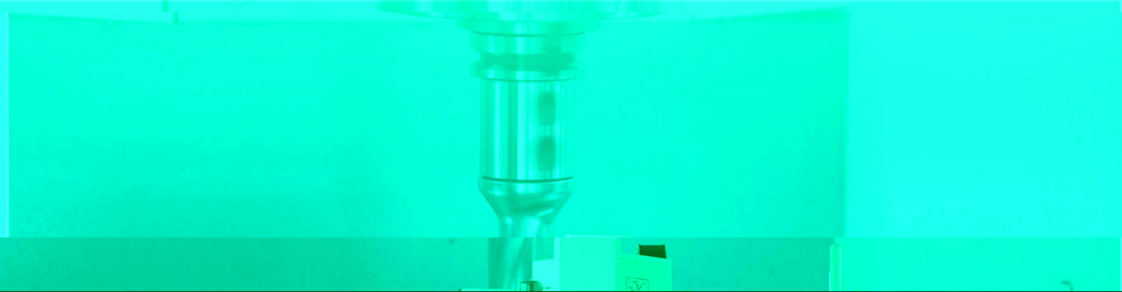
Specification	Unit	DT-30	DT-30H	DT-40	DT-40H	DT-40HY	DT-50	DT-50H	DT-50HS	DT-60HY	
Max. swing diameter over bed	mm	Φ480		Φ580			Φ680			Φ920	
Max. turning diameter (Shaft/Disk)	mm	Φ280/Φ300	Φ280/Φ300	Φ360/Φ400	Φ350/Φ350	Φ350/Φ380 445/445(CHINA)	Φ460/Φ500	Φ450/Φ450	Φ440/Φ440	Φ600/Φ440	
Max. turning length	mm	300	300	585/1085	555/1055	555/1055 445/945(CHINA)	580/1080	555/1055(ITALY) 445/945(CHINA)	440/940	1000	
Guideway type		Linear guideway		Linear guideway			Linear guideway		Linear guideway	Box way	
Spindle											
Type of spindle nose		A-5	Opt: A-6	A-5	Opt: A-6	A-6	Opt: A-8	A-6	Opt: A-8	A-8	A-8
Chuck size	inch	6	7	8	9	10	12	12	12	16	16



- NSK Spindle bearing & X, Z axis bearings
- X, Z, THY ball screw & X, Z, THY linear guideways
- Non through-hole hydraulic chuck
- 3-axis turret for DT-H series
- Tool presetter
- Air cool fan
- Oil mist separator
- Through-hole hydraulic chuck and cylinder
- Chip conveyor
- Automatic lubrication system
- Standard toolkit
- Germany hydraulic steady rest
- Automatic door

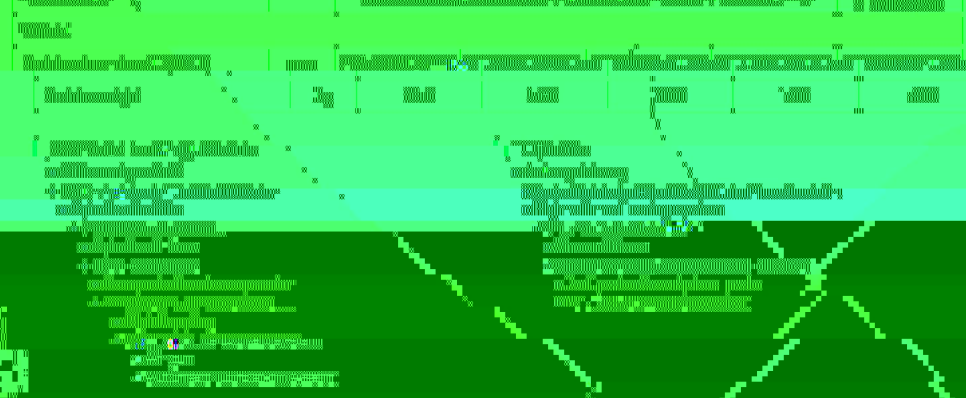
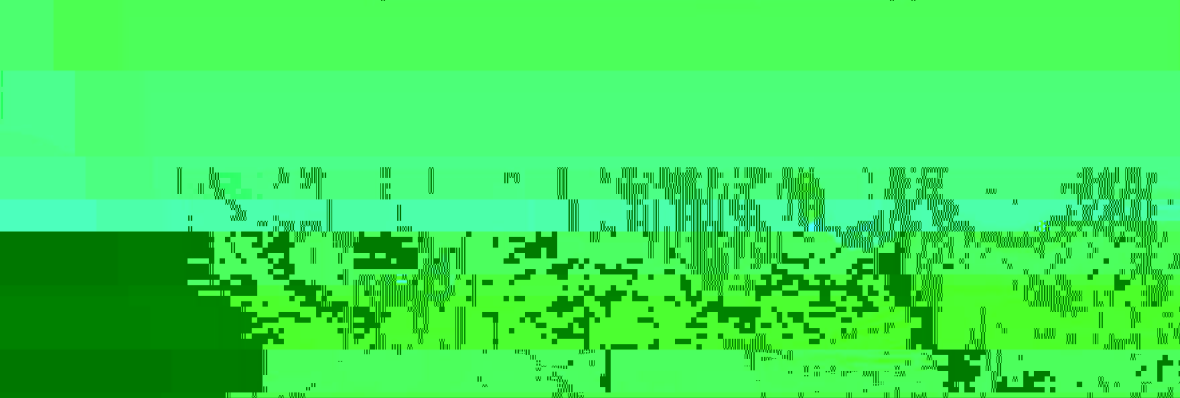


# Vertical Machining Center VDLS Series



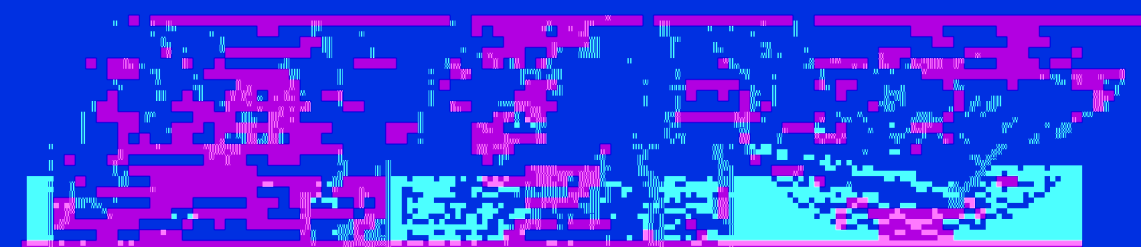
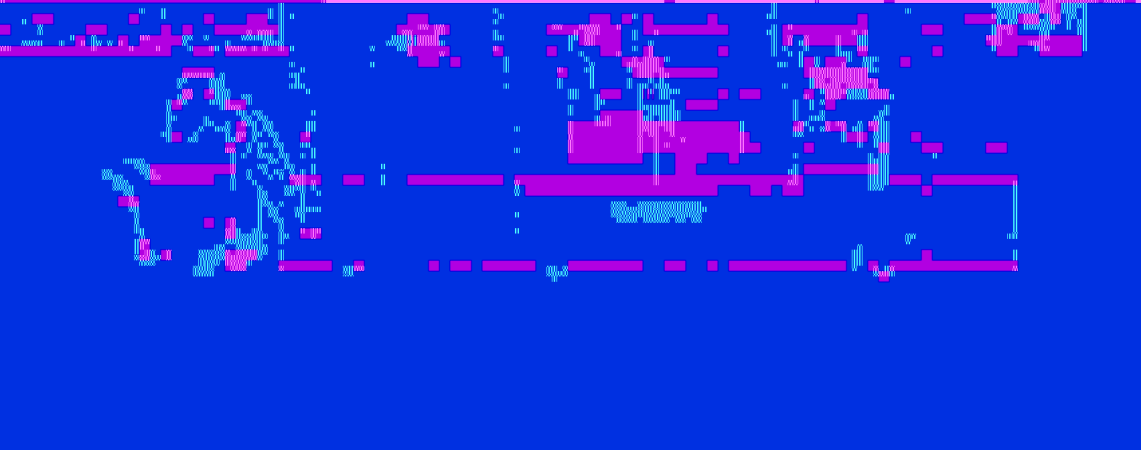
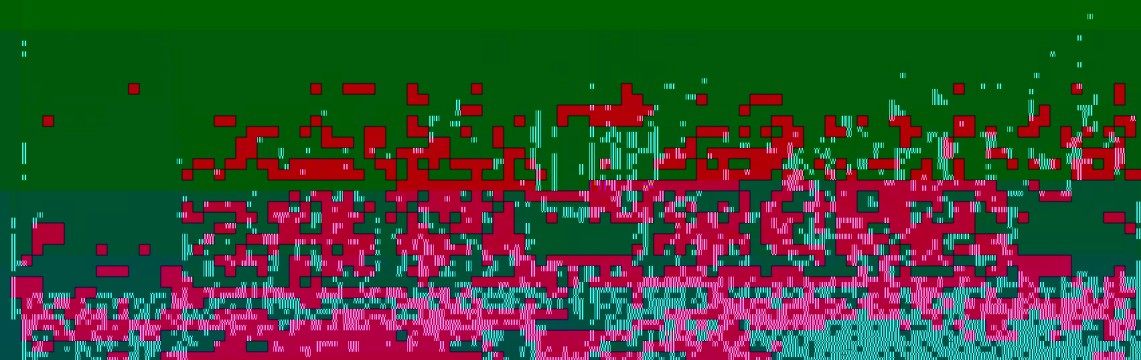
Specification Unit: VD1665 VD1695 VD1730 VD1760 VD1800

Table									
Worktable size(L×W)	mm	800×420	1000×500	1120×560	1300×560		1220×620		
Max. load	kg	500	600	750	750		1200		
T-slots (numbers/width/centre distance)	mm...	3×18×125	5×18×100	5×18×100	5×18×100		5×18×100		
Travel									
X/Y/Z axis travel	mm	620/440/540	860/510/560	1040/580/620		1290/580/620		1220/620/685	
X/Y/Z axis guide way type		Linear guideway	Linear guideway	Linear guideway	Linear guideway Z Box way	Linear guideway	Linear guideway Z Box way	Linear guideway	Linear guideway Z Box way
Distance from spindle center to column	mm	545	607	629	666	629	666	725	660
Distance from spindle nose to table	mm	140-680	145-705	125-745		125-745		95-780	
Spindle									
Spindle motor power	kW	7.5/11	7.5/11	7.5/11	11/15	7.5/11	11/15	11/15	
Max. spindle speed	r/min	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:8000 Direct drive	12000 Opt:6000 Direct drive



# Vertical Merit Building Center

7.17.18



Specification	Unit	VDF1500	VDF1800
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Max. Load	kg	2000	3000
Clearance (mm)	mm	2000	2500
Weight	kg	1000	1500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500

Specification	Unit	VDF1500	VDF1800
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Max. Load	kg	2000	3000
Clearance (mm)	mm	2000	2500
Weight	kg	1000	1500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500

Max. Load	kg	2000	3000
Clearance (mm)	mm	2000	2500
Weight	kg	1000	1500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500
Max. Depth (mm)	mm	1000	1500
Max. Width (mm)	mm	1500	2000
Max. Height (mm)	mm	2000	2500
Max. Length (mm)	mm	2000	2500

# Vertical Machining Center

Specification	Unit	VDM856
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Table		
Worktable size	mm	1000×500

X/Y/Z axis repeatability accuracy	mm	±0.004/0.004/0.004
CNC controller		
CNC controller		MITSUBISHI M80B,FANUC 0i-MF(5)Plus,FANUC 0i-MF(1)Plus,SIEMENS 828D,GSK 25i
IDGeneral		
Machine dimensions(L×W×H)	mm	3160×2280×2818
Machine weight	kg	5000

### Standard configurations

- Ball screw and Roller guideway
- CAT tooling ATC
- Heat exchanger

### Optional configurations

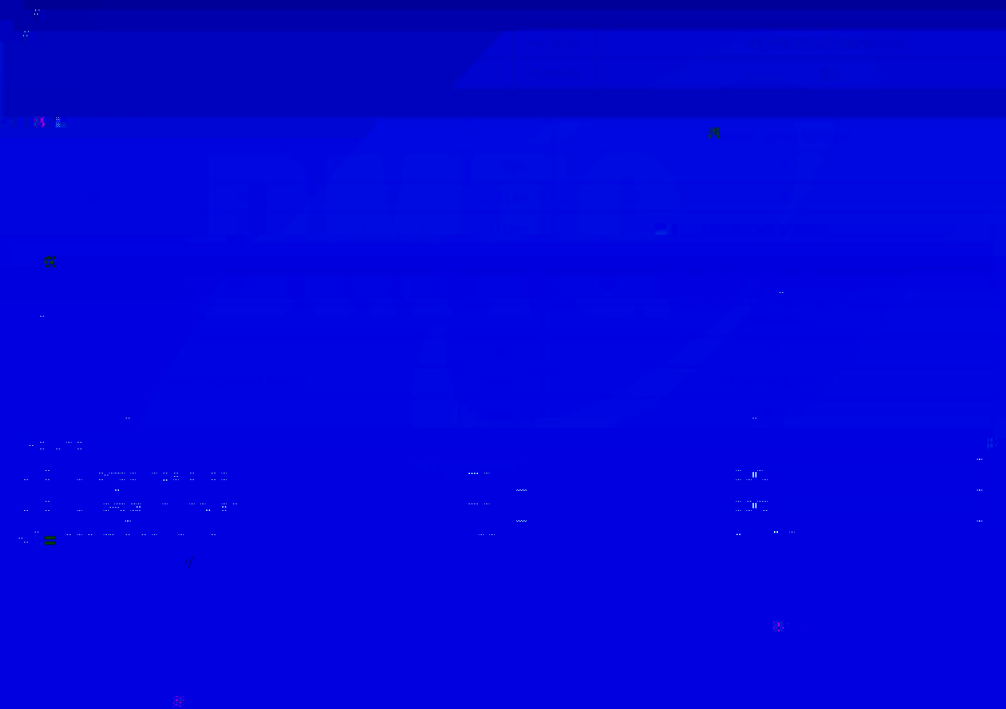
- Automatic lubrication system

### Optional

- Coolant through spindle and high-pressure unit
- High speed spindle
- Air conditioning

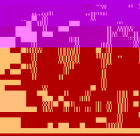
# 5-axis Vertical Machining Center. VDU Series

Specification	Unit	VDU650
Table		
Work table size	mm	Φ650
Max. load	Kg	600
Clearing area	mm	Φ800×500
T-slots (numbers with centre distance)		5×18×45°



5-axis vertical machining center  
 VDU Series  
 The VDU Series 5-axis vertical machining center is a high-precision machine tool designed for the processing of complex, high-precision parts. It features a rigid cast-iron structure, a high-speed spindle, and a multi-axis control system. The machine is capable of performing a wide range of machining operations, including turning, milling, and grinding. It is widely used in the automotive, aerospace, and mold-making industries.

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# The combination of machine tool and

