

大连达辉机械设备有限公司  
DALIAN DAHUI MACHINE TOOL CO.,LTD



# Vertical Machining Center



# VERTICAL MACHINING CENTER



The machine tool's unique high-speed linear rolling guide vice (Z axis as the slide guide) design, widely used in the military-industrial complex, automotive, mold, machinery manufacturing industries such as body parts, shell parts, disc parts processing. Parts can be finished after a clamping milling, boring, drilling, expanding, reaming, tapping process, high precision, high automation, high reliability, high degree of mechanical and electrical integration, simple operation, overall modelling beautiful generous, etc. Machine equipped with automatic tool change system (ATC), automatic lubrication system, cooling system and portable manual device (MPG), the overall protective cover.

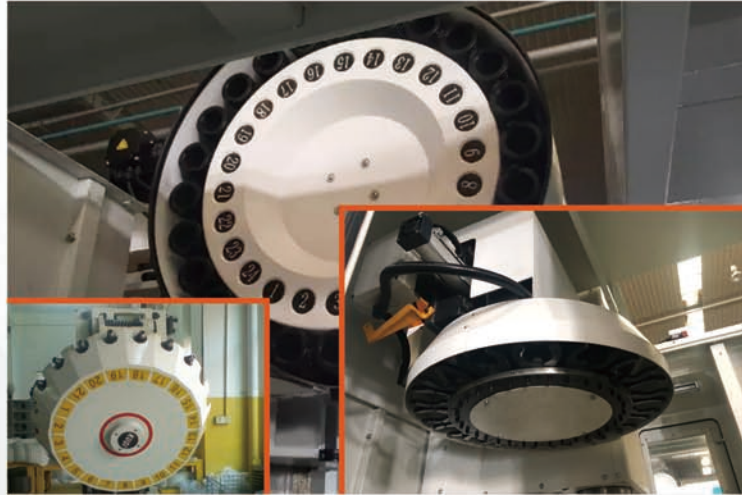




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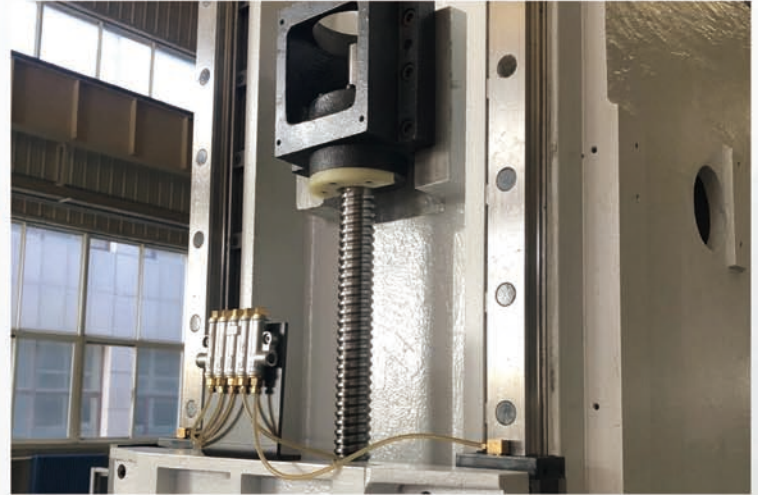


## DETAILED IMAGES



### Tool Magazine

There are two types of tool magazines to choose from: arm-type tool magazines and hat-type tool magazines. All tool magazines are purchased from Taiwan. Extreme short tool change time maximizes processing efficiency.



### Ballscrew

#### Features:

Low friction loss and high transmission efficiency

High precision

High-speed feed and micro feed are possible

High axial rigidity

It cannot be self-locked and has the reversibility of transmission



### Machine Main Structure

The machine beds are all produced by our factory to ensure the quality of the source is No. 1. At the same time, a large number of beds have been prepared, which greatly shortened the machine production cycle.



### Spindle

BT40, max. spindle speed is 8000rpm. There are three options for the main shaft, direct coupling, belt transmission and gear shifting.

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## EQUIPMENT PARAMETERS

CNC Vertical Machining Center							
DESCRIPTION	VDL600A	VDL850A/ VDF850A	VDL1000	VDL1200/ VDF1200	VDL1300	VDF1500	VDF1800
Worktable size (L*W)(mm)	800*420	1000*500	1120×560	1220*620	1300*500	1700*800.	2000*800
Max worktable capacity(kg)	500		750	1200	750	2500	2500
X travel(mm)	620	860	1040	1200	1290	1560	1880
Y travel(mm)	440	510	580	620	580	830	830
Z travel(mm)	540	560	620	685	620	790	790
X,Y,Z cutting speed(mm/min)	0-10000						
Spindlemotor power(kw)	7.5/11		11/15		-	-	-
Controller	FANUC, GSK, KND, Siemens, Mitsubishi						
Capacity of toll magazine(ea)	24/16	24/20		24	24/20	24	24
Max. spindle speed(rpm)	8000			6000	8000	6000	6000