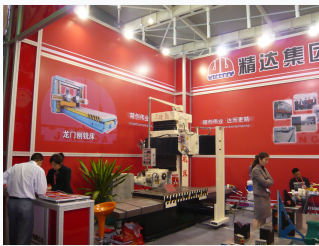


Single Arm Milling Machine

The single-arm milling machine is designed for stability and precision in various milling tasks. It is particularly suitable for processing large-scale or complex workpieces.



ADDITIONAL IMAGES



Overview

Parameters		
Item	Unit	DBX15-08F DBX30-15F
Table Size(L*W)	mm	1700*800 3000*1200
Number of T Slots	T	4 6
Longitudinal Travel	mm	1500 3000
Longitudinal Feeding Speed	Kw	45-500mm (Frequency Conversion Adjustable) 45-500mm (Frequency Conversion Adjustable)
Motor Power for Longitudinal Feeding	Kw	3 3
Horizontal Milling Head	Kw	5.5/7.5/10 (3 shifts, adjustable) 7.5/7.5/10 (3 shifts, adjustable)
Recommended Cutting Diameter	mm	ø150 200
Cross Travel of Crossbeam	mm	800 1150
Speed of Transverse Feed	mm	30-350 (Frequency Conversion Adjustable) 30-350 (Frequency Conversion Adjustable)
Vertical Milling Head	Kw	5.5(TEM-V5) 5.5(TEM-V5)
Recommended Cutter Diameter	mm	150 150
Automatic Lubricating Power	kw	0.37 0.37
Vertical Lifting Travel	mm	800(End Milling, Side Milling) 1500(End Milling, Side Milling)
Vertical Lifting Speed	mm	50-500(Frequency Conversion Adjustable) 50-500(Frequency Conversion Adjustable)
Verticality Between the Column and Cardfever Beam	mm/m	0.03 0.03
Straightness of Longitudinal Feed	mm/m	0.03 0.03
Total Power	kw	17.35 24.82
Weight	T	6.8 18.5

Technical diagram showing the robust construction and component layout of the DBX series milling machine.

High-Performance Single Arm Milling Machine

The DBX series single-arm milling machine is engineered for stability, flexibility, and operational convenience in demanding machining environments. Equipped with an auxiliary column to enhance rigidity and a vertical milling head capable of 30-degree adjustments, this machine is ideal for processing large-scale or complex special-shaped workpieces. Frequency-controlled feeding systems across X, Y, and Z axes ensure precision, efficiency, and ease of maintenance.

Technical Specifications

Model Comparison

Parameter	DBX15-08F	DBX30-15F
Table Size (mm)	1700x800	3200x1200
Longitudinal Travel (mm)	1500	3000
Weight (T)	6.8	18.5
Total Power (kW)	17.35	24.82

Precision Metrics

0.03 mm/m

Verticality Column/Beam

0.03 mm/m

Straightness of Feed

Features

Core Features

- Auxiliary column for enhanced rigidity
- Vertical milling head with 30-degree tilt capability
- Frequency conversion controlled feeding speed
- Automatic lubrication system
- Customization available per customer requirement

Available Milling Heads

Vertical Milling Head, Right-angle Milling Head, Universal Milling Head