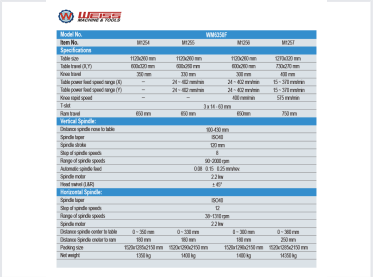
Universal End Milling Machine

This universal end milling machine is designed for a broad spectrum of machining operations. It features a durable build for enhanced stability and precision, along with adjustable spindle speeds to accommodate various materials and an adjustable table for precise positioning.



Model No.	WM350F			
Item No.	M1254	M1255	M1256	M1257
Specifications				
Table size	1125x260 mm	1125x260 mm	1120x260 mm	1270x320 mm
Table travel (X,Y)	650x200 mm	650x200 mm	650x200 mm	710x270 mm
Knee travel	350 mm	330 mm	300 mm	400 mm
Table power feed speed range (X)	–	24 - 462 mm/min	24 - 412 mm/min	15 - 370 mm/min
Table power feed speed range (Y)	–	24 - 462 mm/min	24 - 412 mm/min	15 - 370 mm/min
Knee rapid speed	–	–	460 mm/min	575 mm/min
T-slot	3 x 14 - 63 mm			
Ram travel	650 mm	650 mm	650mm	710 mm
Vertical Spindle				
Distance spindle nose to table	100-430 mm			
Spindle taper	ISO40			
Spindle stroke	170 mm			
Step of spindle speeds	8			
Range of spindle speeds	90 - 2000 rpm			
Automatic spindle feed	0.08 0.15 0.25 mm/rev			
Spindle motor	2.2 kw			
Head swivel (L&R)	± 45°			
Horizontal Spindle				
Spindle taper	ISO40			
Step of spindle speeds	12			
Range of spindle speeds	38 - 1310 rpm			
Spindle motor	2.2 kw			
Distance spindle center to table	0 - 350 mm	0 - 330 mm	0 - 300 mm	0 - 360 mm
Distance Spindle center to ram	190 mm	190 mm	190 mm	250 mm
Packing size	1520x1205x2150 mm	1520x1205x2150 mm	1520x1205x2150 mm	1520x1205x2150 mm
Net weight	1350 kg	1430 kg	1400 kg	1410 kg

ADDITIONAL IMAGES

Overview

Universal End Milling Machine

This universal end milling machine is engineered for high-precision machining operations, offering robust construction for maximum stability. It features versatile vertical and horizontal spindle configurations, making it an ideal choice for complex tool and die making, mold making, and general metalworking. With advanced features like an integrated coolant system and adjustable table positioning, this machine ensures efficiency and extended tool longevity in demanding industrial environments.

Technical Specifications

Vertical Spindle Metrics

90 rpm	2000 rpm	2.2 kW
Min Speed	Max Speed	Motor Power

Spindle Configuration

Feature	Vertical Spindle	Horizontal Spindle
Taper	ISO40	ISO40
Speed Steps	8	12
Speed Range	90-2000 rpm	38-1310 rpm
Motor Power	2.2 kW	2.2 kW

Capabilities

Axis Travel Range

- Table Travel (X): 600 - 730 mm
- Table Travel (Y): 260 - 320 mm
- Knee Travel: 300 - 400 mm
- Ram Travel: 650 - 750 mm

Key Capabilities	Tool & Die Making, Mold Making, Coolant System Included, Adjustable Table, Head Swivel ±45°