

# UNIVERSAL MILLING TURRET MILLING



Strong  
Power



High  
Technology



ORION brand drilling machine with Advanced technology, stable and reliable product quality, strong after-sales service,

# UNIVERSAL MILLING MACHINE



## FEATURES

- Rectangular guide way, better stability.
- Easily changing from vertical milling to horizontal milling.
- Worktable can be automatically feed in X axis, and equipped with "quick-reverse" unit to realize high efficiency in working.
- Headstock swivels  $\pm 90^\circ$ .
- ZX7550CW vertical milling is gear-driven Horizontal milling is belt-driven.
- ZX7550ZW vertical milling spindle can be auto feeding based on ZX7550CW.
- ZX5325C vertical milling is gear-driven.

## STANDARD ACCESSORIES

1. Reduction Sleeve
2. 160mm Vice
3. Wrenches
4. Milling Chuck
5. Drill Chuck

## OPTIONAL ACCESSORIES

1. 3 axis DRO
2. Universal dividing head
3. 58 pcs clamping kits
4. CE standard electrics
5. Collected operating panel
6. CE protection

Specification	ZX7550CW	ZX7550ZW	ZX5325C
Max. Drilling dia.	$\phi 50\text{mm}$	$\phi 50\text{mm}$	$\phi 50\text{mm}$
Max. Horizontal milling dia.	$\phi 100\text{mm}$	$\phi 100\text{mm}$	$\phi 100\text{mm}$
Max. Vertical milling dia.	$\phi 25\text{mm}$	$\phi 25\text{mm}$	$\phi 32\text{mm}$
Max. Boring dia.	$\phi 120$	$\phi 120$	$\phi 100$
Spindle taper	ISO30/R8/MT4		
Spindle speed	V:115-1750 Rpm (8) H:60-1350 Rpm (8)	V:60-1500 Rpm (8) H:60-1350 Rpm (8)	V:115-1750 Rpm
Spindle travel	120mm	120mm	125mm
Table size	240x800 (1000) mm	240x800 (1000) mm	260x1000mm
Table travel	400(600)x230x350mm	400(600)x230x350mm	600x280x380mm
Main motor power(V/H)	V:0.85Kw/1.5Kw H:2.2Kw	V:1.5Kw H:1.5Kw	1.5Kw
Packing size	1140x1120x2220 (1 Units/PKG) 1140x1220x2220 (2 Units/PKG)	1140x1120x2220 (1 Units/PKG) 1140x1220x2220 (2 Units/PKG)	1140x1200x2220 (1 Units/PKG) 1140x1450x2220 (2 Units/PKG)
N.W/G.W	850/1000Kgs	900/1050Kgs	700 / 760 Kgs



# UNIVERSAL MILLING MACHINE



### STANDARD ACCESSORIES

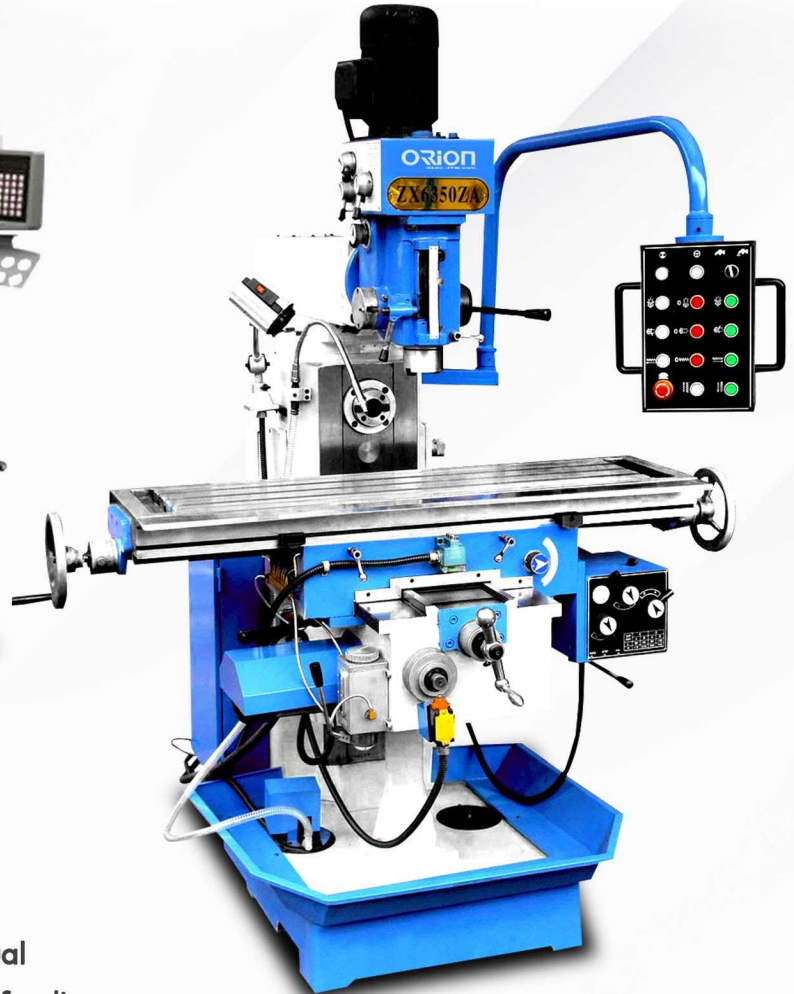
1. Coolant system
2. Working lamp
3. Taiwan milling turret head
4. Oil tray
5. 160mm machine vice
6. Tool box with tools

### OPTIONAL ACCESSORIES

1. Taiwan variable speed head
2. 3 axis DRO
3. X/Y Power feed
4. Z axis lifting motor
5. 58pcs clamping kit
6. 11pcs milling chuck

Specification	X6325U	X6330U	X6332U	X6336U
Table Size (LxW)	1270x254mm (Optional: 1370x254mm)	1370x305mm	1250x320mm	1370x360mm
T-Slot (NxWxD)	3/16/65mm	3/16/65mm	3/14/70mm	3/18/180mm
Table Travel (X/Y/Z)	800x400x400mm	850x380x380mm	600x300x420mm	1000x320x420mm
Spindle taper: Vertical/Horizontal	R8/NT30(V)NT 40(H)	R8/NT40(V), NT40(H)	R8/NT40(V), NT40(H)	NT40(V), NT50(H)
Distance between horizontal nose and table surface	0-400mm	0-380mm	0-400mm	0-400mm
Distance between spindle axis and ram surface	270mm	210mm	210mm	270mm
Vertical Spindle Variable Speed	80-4200rpm (variable)			50-3750rpm (variable)
Vertical Spindle Step Speed	66-4540rpm (16 steps)			66-4540rpm (16 steps)
Horizontal Spindle Step Speed	40-1300rpm (12 steps)			60-1800rpm (12 steps)
Ram Travel	400mm			600mm
Main Motor Power (V/H)	3Kw (Vertical) 4Kw (Horizontal)			3.75kw (Vertical) 5.5kw (Horizontal)
Overall Size (LxWxH)	1600x1550x2150mm	1700x1600x2250mm	1700x1550x2250mm	2070x2020x2350mm
N.W	1380Kgs	1450Kgs	1450Kgs	2200kgs

## UNIVERSAL MILLING MACHINE



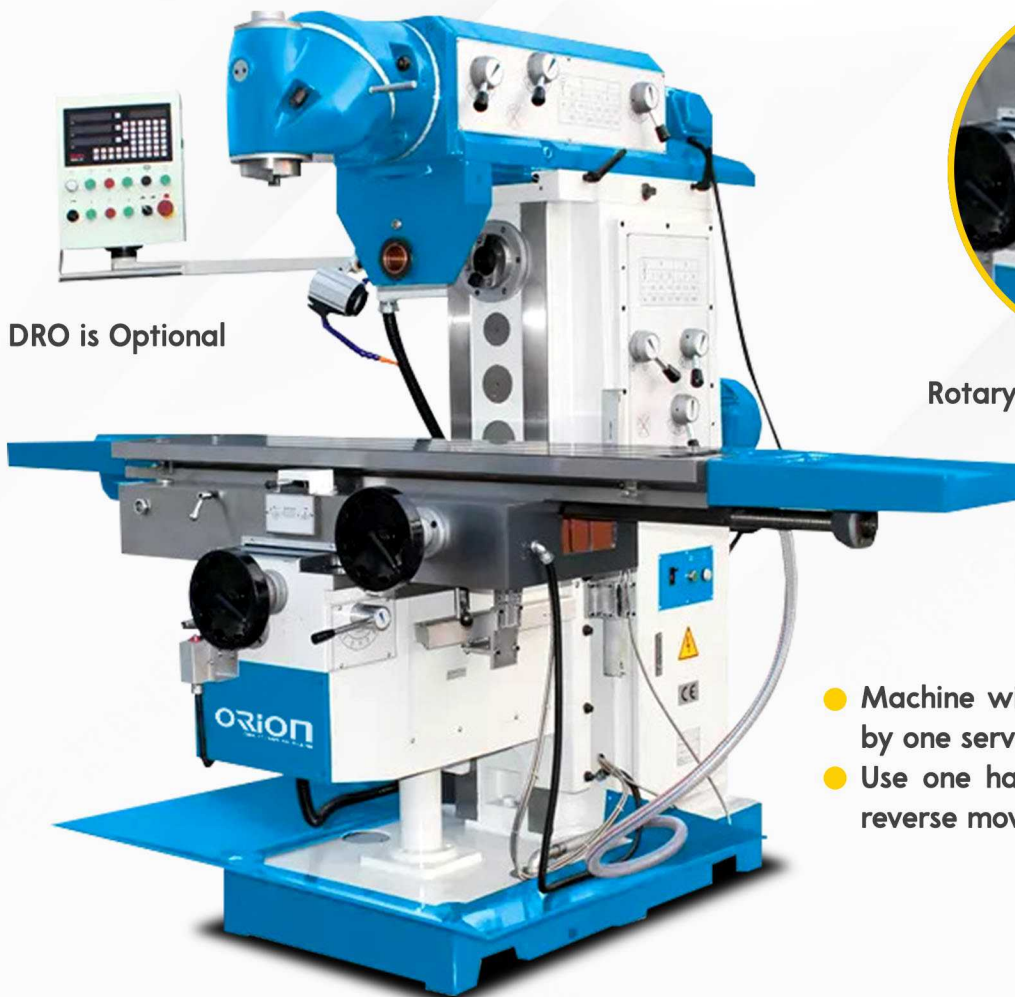
### FEATURES

- Headstock swivels  $\pm 45^\circ$
- ZX6350C vertical milling spindle by manual
- ZX6350Z vertical milling spindle by auto-feeding
- ZX6350ZA vertical milling spindle auto-feeding, X/Y/Z axis auto-feeding

Specification	ZX6350C	ZX6350Z	ZX6350ZA
Max. drilling dia.	Copper: $\phi 50\text{mm}$ Casting: $\phi 30\text{mm}$		
Spindle taper	ISO30 / ISO40 / R8 / MT4		
Max. vertical milling dia.	25mm		
Max. boring dia.	120mm		
Distance from spindle to table surface	100-480mm	100-480mm	80-460mm
Spindle speed (V/H)	V:115-1750rpm H:40-1300rpm	V:90-2000rpm H:38-1310rpm	V:60-1500rpm H:40-1300rpm
Spindle travel	120mm		
Table size (LxW)	1120x280mm	1120x280mm	1250x320mm
Table travel	600x260mm	600x260mm	600x300x430mm
Main motor power (V/H)	1.5/2.2kw	2.2/2.2kw	1.5/2.2kw
Packing size	1400x1630x2350mm	1400x1630x2350mm	1680x1480x2250mm
N.W / G.W	1200/1350kgs	1200/1350kgs	1450/1560kgs



# UNIVERSAL MILLING MACHINE



DRO is Optional



Rotary Table ( $\pm 45^\circ$ ) Is Optional

- Machine with automatic feed controlled by one servo motor in X/Y/Z axis.
- Use one handle to control forward and reverse movement in X/Y/Z axis.

Specification	XL6436	XL6436CL
Table size (LxW)	1325x360mm	1600x360mm
Table travel (X/Y/Z)	750x300x450mm	1300x300x450mm
Table feed (X/Y/Z)	30-750/20-500/15-375mm/min	
Spindle taper	7:24 ISO50 (H/V)	
Max. loading on worktable	500Kgs	
T-slot (NxWxD)	3/18/80mm	3/18/70mm
Ram travel	550mm	
Distance between spindle nose and table surface	196-646mm	
Distance between horizontal nose and table surface	20-470mm	
Distance between horizontal nose and arm surface	200mm	
Spindle speed (12 steps)	60-1750rpm (V) 60-1800rpm(H)	
Main motor power	4kw (V) 5.5kw (H)	
3 phase AC feeding servo motor torque	10N.m	
Overall size	1800x2100x2000mm	2500x2100x2000mm
N.W	2650Kgs	2800Kgs

# TURRET MILLING MACHINE



## STANDARD ACCESSORIES

1. Coolant System
2. Working lamp
3. Taiwan milling turret head
4. Oil tray
5. 160mm Vice
6. 11 Pcs milling chuck/collet
7. Tool box tools

## OPTIONAL ACCESSORIES

1. Taiwan variable speed head
2. 3 axis DRO
3. X/Y Power Feed
4. Z-axis lifting motor

Specification	X6323	4H(X6325)	5H(X6330)
Table size (LxW)	1270x230mm	1270x230mm (Optional:1370x254mm)	1370x305mm
T-slot (NxWxD)	3/16/63mm	3/16/65mm	3/16/65mm
Table travel (X/Y/Z)	800x400x400mm	850x400x400mm	850x400x450mm
Distance between spindle nose and table surface	60-490mm	60-460	0-460mm
Spindle speed	66-4540rpm		
Main motor power	3HP		5HP
Spindle taper	R8	R8 or NT30	NT40
Travel of spindle sleeve	127mm		
Ram travel	430mm	400mm	500mm
Feed of spindle sleeve	0.04/0.08/0.15mm/r		
Milling head rotation	swivel:45° tilt:90°		
Overall size (LXWXH)	1600x1650x2250mm	1700x1600x2150mm	1750x1650x2150mm
N.W	1200Kgs	1200Kgs	1350Kgs



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