

Vertical Milling Machines



Ajax Machine Tools

Machine Tool Exporters to the World

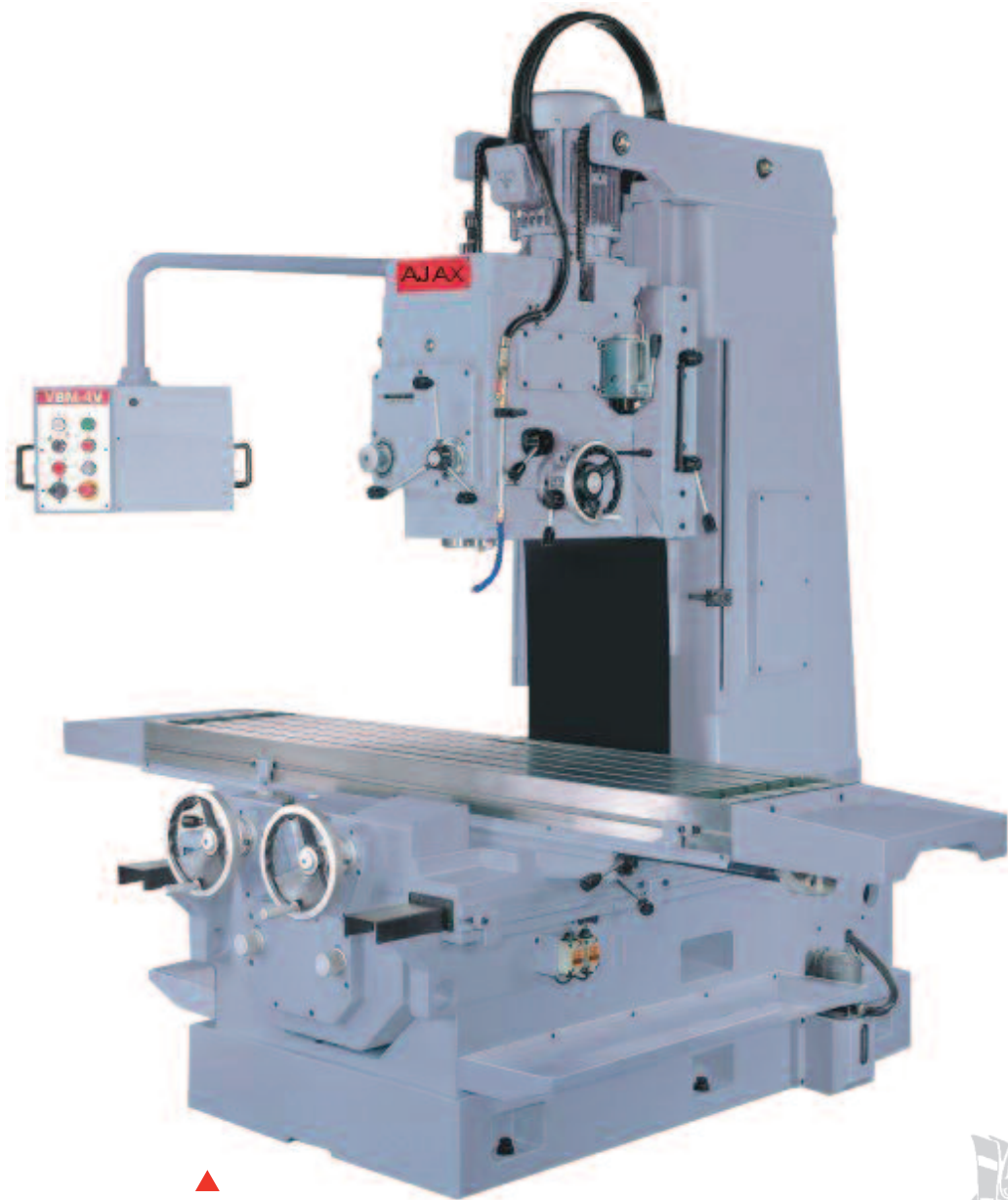
▶▶▶▶▶ Vertical Milling Machines

The Ajax range of vertical milling machines are large heavy duty machines designed to handle large components with ease.

The machines are ergonomically designed, combining the latest design techniques with the highest standard of quality engineering, reliability in service, accuracy and rigidity of machine. The range includes fully mechanical gearboxes enabling the operator to machine a wider variety of more sophisticated materials.

Pendant Control

A pendant control is supplied on all models allowing greater flexibility of operation to the user.



AJVBM 4



MODEL	AJVBM 3	AJVBM 4	AJVBM 5
Working surface (mm)	1,700 x 380	1,900 x 450	2,200 x 500
T-Slots, number and size	5 x 18mm	5 x 18mm	5 x 18mm
T-Slots centres (mm)	70	80	90
Longitudinal Travel (mm)	1,000	1,200	1,500
Cross Travel (mm)	380	450	600
Vertical Travel (mm)	500	550	700
Distance from spindle to table (mm)	100 - 600	100 - 650	100 - 800

SPINDLE			
Spindle taper	50 ISO	50 ISO	50 ISO
Number of speeds	12	12	12
Speed range (rpm)	45 - 1,500	45 - 1,500	45 - 1,500

FEEDS			
Number of feeds	12	12	Continuously Variable
Longitudinal (mm/min)	28 - 875	28 - 875	0 - 1,000
Cross (mm/min)	28 - 875	28 - 875	0 - 1,000
Vertical (mm/min)	28 - 875	28 - 875	0 - 1,000
Rapids longitudinal (mm/min)	2,880	2,880	3,300
Rapid cross (mm/min)	2,880	2,880	3,300
Rapid vertical (mm/min)	2,880	2,880	3,300

MOTORS			
Spindle drive motor	7.5 Hp (5.5 Kw)	10 Hp (7.5 Kw)	15 Hp (11 Kw)
Feed motor	1 Hp (0.75 Kw)	2 Hp (1.5 Kw)	2 Hp (1.5 Kw)
Coolant motor	0.166 Hp (0.15 Kw)	0.166 Hp (0.15 Kw)	0.166 Hp (0.15 Kw)

WEIGHT AND DIMENSIONS			
Floor space (mm)	3,200 x 2,000	2210 x 3800 x 2340	4,440 x 2,550
Nett weight (kg)	4,000	5,200	7,000

OPTIONAL EXTRAS

- Power draw bar
- 2 or 3 axis Acu-rite VUE or S300 digital read-out systems
- Clamping Kit
- Machine vices 100, 150 or 200mm
- Dividing head
- Collet holder with collets





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Ajax Machine Tools International Ltd

Unit 360, Ampress Lane, Ampress Park,
Lymington, Hampshire SO41 8JX

Tel: +44 (0)1590 676000

Fax: +44 (0)1590 676001

www.ajax-mach.co.uk

sales@ajax-mach.co.uk

