APPLIED MACHINERY

NEWAY

Explore the full Neway range from Applied Machinery | **neway.au**

NEWAY · VM SERIES

Vertical Machining Centres

From compact high-speed cells to 4.5 m long-bed and full five-axis machines, the Neway VM range covers the jobs most Australian shops put on a vertical mill, with rigid FEA-designed castings and FANUC control as standard.



VM1370H high-efficiency VMC

350–4,500 mm
X-axis travel across the range

30,000 rpm
Top spindle speed (VD650L)

5-axis
Simultaneous models, Ø350–Ø800 tables

01 Rigid where it counts

Base, column and saddle are designed with finite element analysis. Larger models run four Y-axis guideways to stop the table overhang sagging under heavy loads.

02 Accuracy that lasts

All three ballscrews are pre-tensioned to kill backlash, and wide, hardened guideway mounting faces hold accuracy over the long term.

03 The right spindle for the job

Belt-driven for torque, direct-drive for speed, built-in motor spindles for finish (down to 0.8–0.4 µm Ra), or gear-drive heads for heavy steel.

04 Control you already know

FANUC control is standard across the VM range, with Siemens and Mitsubishi available on most models. Machines are vibration- and balance-tested in assembly.



VM450FA five-axis, 16,000 rpm



VM740D drill-tap centre, 20,000 rpm



VM1260VD twin-spindle, dual Z

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VM SERIES · THE RANGE

Eight families, one platform

Headline figures per family. Full specifications, options and pricing are available from Applied Machinery.



High-Efficiency

Belt-driven all-rounders built for everyday production milling.

Table	**750×420 – 1800×800 mm**
X travel	**650 – 1,700 mm**
Spindle	**6,000 – 10,000 rpm**

VM740SA/HA · VM1050S/H · VM1160S/H · VM1370S/H · VM1580S/H · VM1880S



High-Speed

Direct-drive spindles and lightweight moving parts for shorter cycle times.

Rapids	**up to 48 m/min**
X travel	**600 – 1,200 mm**
Spindle	**12,000 – 20,000 rpm**

VM740SL/HL · VM1050SL/HL · VM1155SL/HL · VM1160SL/HL · VM1260SL/HL · VM1270SL/HL · VM740D · VM840D



Built-in Spindle

Motor spindles with low heat and vibration, ideal for aluminium and fine finishes.

Table	**1000×520 – 1700×800 mm**
X travel	**850 – 1,500 mm**
Spindle	**15,000 rpm (24,000 opt.)**

VM1050V · VM1155V · VM1160V · VM1580V · VM1780V



Heavy-Duty

Box guideways with Turcite-B and high-torque spindles for hard, heavy cutting.

Guideways	**Box way**
X travel	**1,000 – 1,500 mm**
Spindle	**6,000 – 8,000 rpm, gear drive (RZ)**

VM1150HR/SR · VM1360HR/SR · VM1360RZ · VM1780HR/SR · VM1780RZ

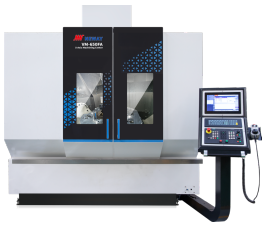


Moving-Column & Portal

Long fixed tables for plate, boxes and casings, or a 1.2 m square portal.

Table	**up to 3000×550 mm**
X travel	**2,000 – 2,600 mm**
Spindle	**15,000 rpm built-in (C)**

VM2555C · VM3055C · VM12100B



Five-Axis

Simultaneous five-axis for impellers, blades, moulds and complex surfaces.

Table	**Ø260 – Ø800 mm**
X travel	**350 – 800 mm**
Spindle	**12,000 – 24,000 rpm**

VM350FA · VM450FA · VM650FA · VM800FA · VM260SF · VM350SF

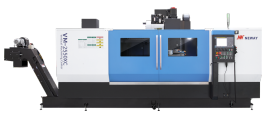


High-Precision

Grating-scale, closed-loop machines for electrodes, moulds and precision parts.

Table	**650×500 / 1300×600 mm**
Rapids	**up to 60 m/min**
Spindle	**up up to 30,000 rpm, HSK-E40**

VD650L · VD1360H



Industry-Specific

Long-bed XC machines for profiles and EV parts; VG models for die-cast aluminium and graphite.

X travel	**up to 4,500 mm**
Rapids	**up to 60 m/min (X)**
Spindle	**12,000 – 15,000 rpm**

VM2550XC · VM2575XC · VM4550XC · VM740VG · VM1050VG · VM1260VG · VM1050SM · VM1160SM

BUILT FOR

General engineering • Mould & die • Automotive & EV • Aerospace • Energy • Electronics & semiconductor

Figures are taken from Neway product data and vary by model and configuration. Specifications are subject to change without notice; please confirm before ordering.

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