APPLIED MACHINERY

NEWAY

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

NEWAY CNC MACHINE TOOLS · 2026 RANGE

The complete Neway range

Seven series of CNC machine tools, from vertical machining centres and lathes to gantry mills, boring mills, grinding and automated cells. Available in Australia through Applied Machinery.



7
Machine series

400+
Models across the range

300,000 m²
Manufacturing campus, Suzhou

PICTURED: VM1150H HIGH-EFFICIENCY VERTICAL MACHINING CENTRE


VERTICAL MACHINING CENTRES


HORIZONTAL MACHINING CENTRES


CNC HORIZONTAL LATHES


CNC VERTICAL LATHES


GANTRY MACHINING CENTRES


HORIZONTAL BORING & MILLING


GRINDING & AUTOMATION

APPLIED MACHINERY

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ABOUT NEWAY

Medium to high-end CNC machine tools, built at scale

Neway CNC Equipment (Suzhou) designs, builds and sells CNC machine tools from a 300,000 m² campus in the Suzhou High-tech Zone, China. Its range covers most of the metal-cutting field, backed by more than 300 R&D staff, and the company is listed on the Shanghai Stock Exchange (688697).

7
machine series

400+
models across the range

300+
R&D and technical staff

300,000 m²
manufacturing campus, Suzhou

THE RANGE AT A GLANCE



VM SERIES

Vertical Machining Centres

Compact high-speed cells to 4.5 m long-bed and five-axis verticals.

p.03



HM/HE SERIES

Horizontal Machining Centres

Heavy-cutting HM and high-speed HE horizontals, single or twin pallet.

p.03



NL SERIES

CNC Horizontal Lathes

Slant-bed lathes, twin-spindle and five-axis turn-mill, heavy flat-bed.

p.04



VNL SERIES

CNC Vertical Lathes

Turret and ram vertical lathes, live tooling and milling spindles.

p.04



PM SERIES

Gantry Machining Centres

Double-column, moving-gantry and five-axis bridge machines.

p.05



PB / HB / FB SERIES

Horizontal Boring & Milling

Cross-table, planer-type and floor-type boring mills.

p.05



SPECIAL PURPOSE & FMS

Grinding & Automation

Valve and thread grinding, EV machining and automated lines.

p.06

SERIES BROCHURES

Want the detail?

Each series has its own two-page brochure with every family, headline specs and model list. Ask us for a copy.



VM1370H high-efficiency VMC







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.

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

30,000 rpm
Top spindle speed (VD650L)

5-axis
Simultaneous models, Ø350–Ø800 tables

8 FAMILIES

- High-Efficiency
- High-Speed
- Built-in Spindle
- Heavy-Duty
- Moving-Column & Portal
- Five-Axis
- High-Precision
- Industry-Specific

BUILT FOR General engineering · Mould & die · Automotive & EV · Aerospace · Energy

HM/HE SERIES

Horizontal Machining Centres

From heavy-cutting HM machines to high-speed HE production centres and five-axis models, Neway's horizontal range covers complex housings, valves and production parts. Choose single- or twin-pallet configurations, with rigid cast structures and spindle options matched to the material and the job.

2,200 mm
X-axis travel on HM125 models

60 m/min
Rapid traverse on selected HE models

4,000 kg
Table load on HM125 heavy-cutting models

8 FAMILIES

- HM50 / HM63
- HM80 / HM100
- HM125 Heavy-Cutting
- HE50 High-Speed
- HE63 / HE80
- HM Five-Axis
- HE65FA Five-Axis
- HE80US Universal

BUILT FOR Automotive · Aerospace · Construction machinery · Motors · Valves & pumps



HE80D high-speed HMC · family images are representative









NLT322SY twin-spindle, twin-turret turning centre







NL SERIES

CNC Horizontal Lathes

From compact slant-bed lathes to twin-spindle turning centres and five-axis turn-mill machines, the Neway NL range covers shaft and disc work of all sizes. Heavy-duty flat-bed models extend the range to large rotors, rollers and energy components.

6,000 rpm
Top turning spindle speed (NL161)

5-axis
Simultaneous turn-mill (NLM5012U)

Ø2,200 mm
Max. swing over bed (heavy flat-bed)

8 FAMILIES

- Linear Guideway & P
- Motor Spindle
- Box Guideway
- Live-Tool Turning
- Y-Axis Turning
- Twin-Spindle / Turret
- Five-Axis Turn-Mill
- Heavy-Duty Flat-Bed

BUILT FOR General engineering · Automotive · Aerospace · Energy · Hydraulics

VNL SERIES

CNC Vertical Lathes

From turret lathes for discs and flanges to large ram-type machines for heavy components, the Neway VNL range covers vertical turning, live-tool machining and dedicated milling-spindle configurations, with single- and double-ram models.

Ø6,300 mm
Maximum turning diameter (VNL630)

100 tonnes
Maximum workpiece weight (VNL630)

4,000 rpm
Live-tool speed (VNL40M–80M turret)

8 FAMILIES

- Turret Turning
- Ram Turning
- Large Ram Turning
- Live-Turret Centres
- Milling-Spindle Centres
- Large Turn-Mill
- Brake Disc & Wheel Hub
- Application-Specific

BUILT FOR General engineering · Automotive · Wind power · Valves · Mining



VNL160M vertical turning & milling centre



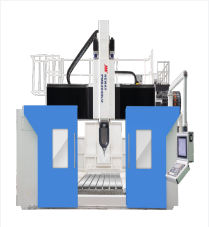


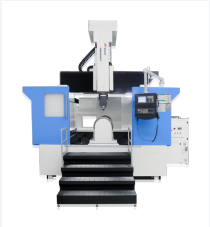




PM-U moving-table five-axis gantry







PM SERIES

Gantry Machining Centres

From compact double-column machines to long-bed moving gantries and full five-axis bridges, the Neway PM range covers large-part milling, mould work and complex surfaces, with a choice of spindle and guideway designs to suit the cut.

18 m
Table length on moving-column models

24,000 rpm
Spindle speed on PM-U and PMB-U

5-axis
Moving-table and fixed-table designs

8 FAMILIES

- High-Speed Gantry
- Direct & Motor Spindle
- Three-Axis Bridge
- Five-Axis Gantry
- Five-Axis Bridge
- Heavy Cutting
- Moving Gantry
- Specialist Gantry

BUILT FOR General engineering · Mould & die · Aerospace · Automotive · Rail

PB / HB / FB SERIES

Horizontal Boring & Milling

From cross-table machines to large floor-type borers and exchange-table layouts, Neway covers boring, milling, drilling and tapping of large housings, valve bodies and bases, with extendable boring spindles for deep-hole access.

Ø110–200 mm
Boring spindle diameters across the range

10,000 mm
Standard X travel on FB200

80 tonnes
Optional table capacity on heavy FB models

8 FAMILIES

- HB Cross-Table
- PB110 Table Type
- PB130 / PB160
- PB Ram Type
- PB Exchange Table
- FB Floor Type
- FB Heavy Floor Type
- FB Double-Sided

BUILT FOR General engineering · Mining · Energy · Shipbuilding · Rail



PB160HA planer-type boring and milling machine

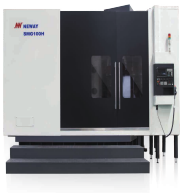








SMG63HA CNC ball-valve grinding machine







SPECIAL PURPOSE & FMS

Grinding & Automation

From ball-valve and thread grinding to EV component machining and automated production lines, Neway brings dedicated machines together with articulated robots, gantry handling and single-machine automation to suit the part and the process.

75–2,400 mm
Ball outside diameter, SMG range

1,000 mm
Grinding length, GET20100

3 formats
Articulated, gantry & single-machine

8 FAMILIES

- Ball-Valve Grinding
- Compound Grinding
- Internal Threads
- External Threads
- EV Components
- Articulated Robot
- Gantry Automation
- Single-Machine Cells

BUILT FOR Valves · Automotive & EV · General engineering · Energy · Component production

APPLIED MACHINERY

Find the right Neway for your work

Tell us about your parts, materials and volumes and we'll help you narrow the range down to the right series, model and options.

- Full specifications and series brochures
- Configuration and options advice
- Quotes on request

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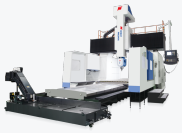
RANGE SELECTOR

Which series suits the job?

A quick guide to where each series fits. Figures are range headlines; individual models vary.

	Series	Typical work	Headline capability
	VM SERIES **Vertical Machining Centres**	Plates, brackets, moulds, housings, five-axis parts	**350–4,500 mm** X-axis travel across the range **30,000 rpm** Top spindle speed (VD650L)
	HM/HE SERIES **Horizontal Machining Centres**	Housings, valve bodies, pumps, multi-face production parts	**2,200 mm** X-axis travel on HM125 models **60 m/min** Rapid traverse on selected HE models
	NL SERIES **CNC Horizontal Lathes**	Shafts, discs, flanges, rotors and rollers	**6,000 rpm** Top turning spindle speed (NL161) **5-axis** Simultaneous turn-mill (NLM5012U)
	VNL SERIES **CNC Vertical Lathes**	Large discs, rings, wheels, brake discs, heavy round parts	**Ø6,300 mm** Maximum turning diameter (VNL630) **100 tonnes** Maximum workpiece weight (VNL630)
	PM SERIES **Gantry Machining Centres**	Large plates, beds, moulds, frames, complex surfaces	**18 m** Table length on moving-column models **24,000 rpm** Spindle speed on PM-U and PMB-U
	PB / HB / FB SERIES **Horizontal Boring & Milling**	Large housings, bases, valve bodies, deep bores	**Ø110–200 mm** Boring spindle diameters across the range **10,000 mm** Standard X travel on FB200
	SPECIAL PURPOSE & FMS **Grinding & Automation**	Ball valves, threads, EV trays and housings, automated cells	**75–2,400 mm** Ball outside diameter, SMG range **1,000 mm** Grinding length, GET20100

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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Talk to our team about Neway

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Neway product information is supplied by Neway CNC Equipment (Suzhou) Co., Ltd.
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