APPLIED MACHINERY

NEWAY

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

NEWAY · 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.



VNL160M vertical turning & milling centre

Ø6,300 mm
Maximum turning diameter (VNL630)

100 tonnes
Maximum workpiece weight (VNL630)

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

01 Choose your turning format

Turret machines handle smaller disc and shaft work. Ram-type models extend the range to large, heavy components, with tool-magazine versions available.

02 Turn and mill in one machine

Choose a live turret for smaller work or a dedicated BT50 milling spindle on larger models. The M range combines turning and milling capability.

03 Built for heavy components

VNL400/500 machines use a rigid gantry structure and hydrostatic table guideways for high loads, with a large-section ram and geared main drive.

04 Match the application

Brake-disc and wheel-hub models sit alongside fixed-beam, double-ram and grinding configurations. Select the layout and tooling to suit the component.



VNL60S turret turning



VNL160M BT50 milling spindle



VNL400DM double-ram turn-mill

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VNL SERIES · THE RANGE

Eight families, one platform

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



Turret Turning

Compact vertical lathes for disc and shaft components.

Disc dia.	**Ø600–1,000 mm**
Shaft dia.	**Ø320–800 mm**
Speed	**up to 2,500 rpm**

VNL40S/H(L) · VNL60S/H(L) · VNL80S/H · VNL100S/H



Ram Turning

Ram-type turning with tool-magazine versions.

Turn dia.	**Ø800–1,600 mm**
Load	**2–8 tonnes**
Table	**Ø630–1,600 mm**

VNL80SK/HK · VNL125 · VNL160 · VNL180SK/HK



Large Ram Turning

Single- or double-ram machines for heavy parts.

Turn dia.	**Ø2,500–6,300 mm**
Load	**20–100 tonnes**
Table	**up to Ø5,700 mm**

VNL250 · VNL320 · VNL400 · VNL500 · VNL630



Live-Turret Centres

Servo live turrets bring milling to smaller turned parts.

Disc dia.	**Ø600–850 mm**
Live tools	**4,000 rpm**
Turret	**12 stations**

VNL40M · VNL60M · VNL80M (live turret)



Milling-Spindle Centres

Dedicated milling spindles with automatic tool change.

Turn dia.	**Ø800–1,600 mm**
Milling	**2,400 rpm, BT50**
Load	**2–8 tonnes**

VNL80M · VNL100M · VNL125M · VNL160M



Large Turn-Mill

Large-component turning and milling; double-ram options.

Turn dia.	**up to Ø6,300 mm**
Load	**up to 100 tonnes**
Tool taper	**BT50**

VNL250M/DM · VNL320M/DM · VNL400M/DM · VNL500M/DM · VNL630M/DM



Brake Disc & Wheel Hub

Dedicated layouts for automotive components.

Disc dia.	**Ø600 / 780 mm (HY)**
Y travel	**70 mm (HY)**
Hub dia.	**Ø660 mm (W)**

VNL40HY · VNL60HY · VNL60W



Application-Specific

Fixed-beam and grinding variants for dedicated work.

Turn dia.	**up to Ø5,000 mm**
Load	**up to 50 tonnes**
Layouts	**Single / double ram**

VNL100/160 SFK/DFK · VNL160KG/FG · VNL250G · VNL250/400/500 SF/DF

BUILT FOR

General engineering • Automotive • Wind power • Valves • Mining • Hydro power

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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