APPLIED MACHINERY

NEWAY

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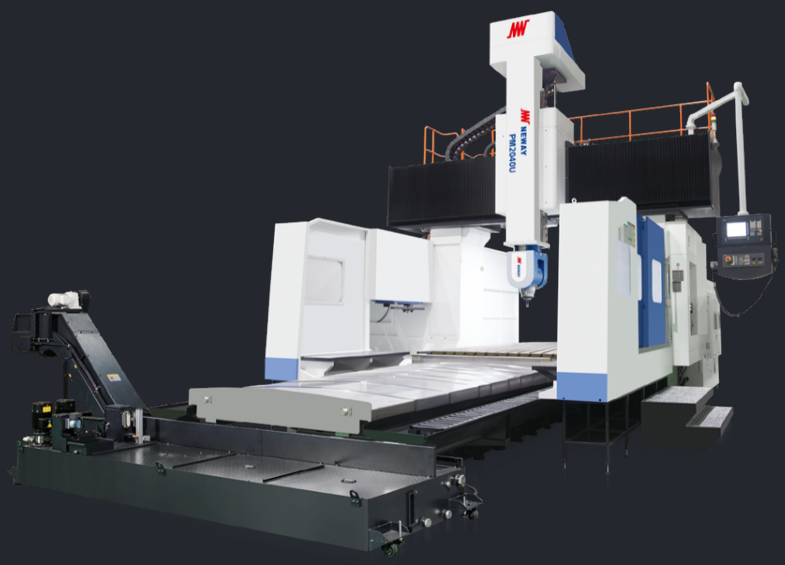
NEWAY · PM SERIES

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.



PM-U moving-table five-axis gantry

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

01 A stable foundation

High-strength castings use resin-sand moulding and multi-stage ageing. FEA-designed ribs help resist bending and twisting under the load of large workpieces.

02 Choose how the machine moves

Moving-table gantries suit a broad mix of work. Fixed-table bridge and moving-column designs keep the workpiece stationary while the cutting structure travels.

03 Match the spindle to the material

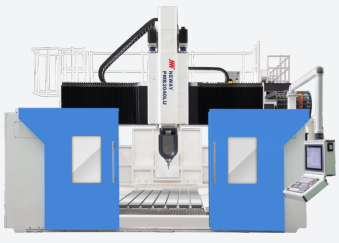
Geared spindles deliver low-speed torque for heavy cutting. Direct-drive and built-in motor spindles cover faster aluminium machining and mould finishing.

04 Reach complex surfaces

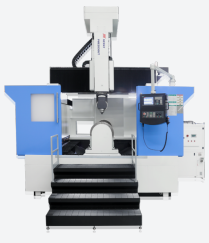
PM-U and PMB-U use European five-axis heads with direct-drive A/C axes. Linear scales and spindle cooling support accurate machining of complex curved parts.



PM-L direct-drive spindle



PMB-LU high-speed five-axis



PME new-energy applications

APPLIED MACHINERY

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PM SERIES · THE RANGE

Eight families, one platform

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



High-Speed Gantry

Moving-table machines for general milling and five-face work with suitable heads.

X travel	**2,200–10,500 mm (HA)**
Spindle	**6,000 rpm (HA)**
Taper	**BT50**

PM-HA · PM-HC · PM-HP



Direct & Motor Spindle

Direct-drive L and built-in spindle V models for faster cutting and finishing.

X travel	**800–8,500 mm**
Spindle	**10,000–18,000 rpm**
Drive	**Direct / built-in**

PM-L · PM-V



Three-Axis Bridge

Fixed worktable with a moving bridge for large parts and long machining cycles.

X travel	**3,000–8,000 mm**
Spindle	**10,000 rpm**
Option	**12,000 rpm**

PMB2030V to PMB4080V



Five-Axis Gantry

Moving-table five-axis machines for aerospace parts and complex mould surfaces.

X travel	**3,200–6,500 mm**
Spindle	**24,000 rpm**
Taper	**HSK-A63**

PM1830U · PM2030U · PM2040U · PM2060U · PM2560U · PM3060U

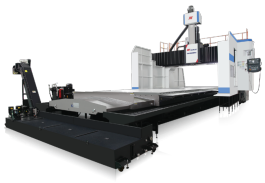


Five-Axis Bridge

Fixed-table U bridges, plus high-speed LU models with linear-motor drive.

X travel	**3,000–8,000 mm (U)**
Spindle	**24,000 rpm**
Rapids	**60/60/30 m/min (LU)**

PMB-U · PMB-LU



Heavy Cutting

Large square rams and geared spindles for high-torque steel and cast-iron work.

Spindle	**3,500 rpm (HZ)**
Spindle	**2,500 rpm (SC)**
Torque	**1,993/2,458 Nm (SC)**

PM-HZ · PM-SC



Moving Gantry

Stationary tables for long parts; PMW adds a vertically adjustable crossbeam.

Table	**10–18 m (PM30MHZ)**
Spindle	**3,500 rpm (MHZ)**
Spindle	**2,500 rpm (MSC)**

PM-MHZ · PM-MSC · PMW-MSC



Specialist Gantry

Precision, automotive mould and new-energy machines, plus PM25MV variants.

Model	**PMD2550H example**
Table	**2,500×5,000 mm**
Spindle	**6,000 rpm**

PMP-HA · PMD-H · PME · PM25MV

BUILT FOR

General engineering • Mould & die • Aerospace • Automotive • Rail • Wind 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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