APPLIED MACHINERY

NEWAY

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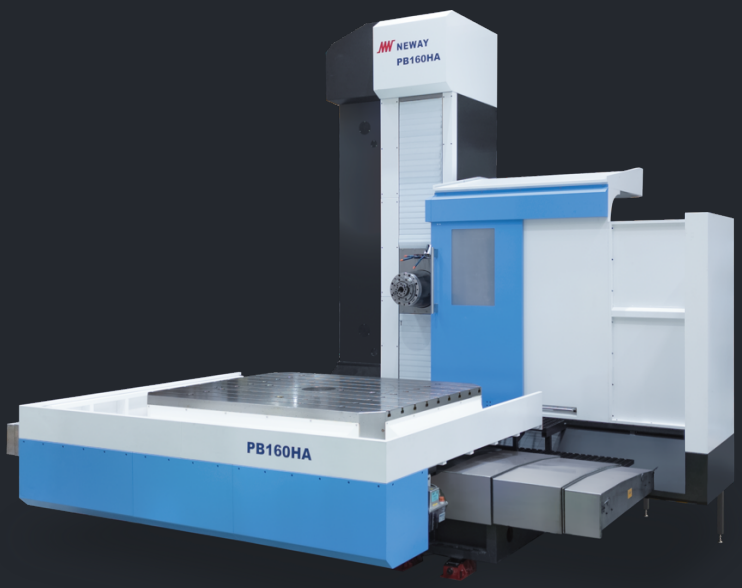
NEWAY · PB / HB / FB SERIES

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.



PB160HA planer-type boring and milling machine

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

01 Access to large, deep parts

Extendable boring spindles reach into deep holes and cavities. PB layouts place the spindle over the rotary table centre to improve access to large workpieces.

02 Support for heavy cutting

Wide-span beds and rigid columns support large parts. PB machines combine connected front and rear beds with hydraulic headstock balancing.

03 Choose the working layout

Choose HB cross-table, PB planer-type or FB moving-column layouts. PB130ST adds two exchange tables with guideway-supported transfer.

04 Configure for the work

Optional milling heads, facing heads, tool magazines and through-spindle coolant extend machining capability. Availability varies by model.



HB110S cross-table, Ø110 mm



PB160R ram-type, Ø160 mm



FB160HZ heavy floor-type

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PB / HB / FB SERIES · THE RANGE

Eight families, one platform

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



HB Cross-Table

Fixed column and moving rotary table for boxes, housings and bases.

Table	**1250×1250 mm**
Load	**5 tonnes**
X travel	**1,600 mm**

HB110S



PB110 Table Type

Ø110 mm boring spindle, with a facing-head variant for turning work.

Table	**1250×1400 mm standard**
X travel	**2,000 mm standard**
Spindle	**2,500 rpm (S)**

PB110S · PB110U



PB130 / PB160

Planer-type machines with rotary tables and Ø130 or Ø160 mm spindles.

Load	**15–25 t standard**
X travel	**3,000 mm standard**
Facing	**Ø800 mm on U models**

PB130S / HA / U · PB160S / HA / U

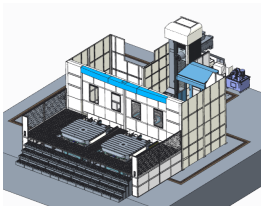


PB Ram Type

Square ram adds reach for roughing and finishing large components.

Ram travel	**1,000 mm**
Ram size	**450×450 mm**
Load	**25 / 40 t standard**

PB130R · PB160R



PB Exchange Table

Two exchange worktables with supported, chain-driven table transfer.

Tables	**2 × 1800×2000 mm**
Load	**20 tonnes per table**
X travel	**3,000 mm**

PB130ST · configuration illustration



FB Floor Type

Moving-column machines with Ø130 or Ø160 mm boring spindles.

X travel	**6,000 / 8,000 mm**
Ram travel	**1,000 mm**
Table load	**25 / 40 t standard**

FB130HC · FB160HC

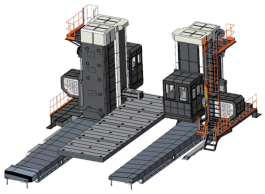


FB Heavy Floor Type

Larger rams and long spindle extension for heavy, oversized parts.

Ram size	**550×550 mm**
Boring travel	**1,200 mm**
Table load	**60 t (80 t optional)**

FB160HZ · FB200 / FB200H



FB Double-Sided

Opposed boring units provide access from both sides of large workpieces.

Layout	**Opposed columns**
Platform	**Floor-type boring**
Selection	**Confirm configuration**

FB series · double-sided layout

BUILT FOR

General engineering • Mining • Energy • Shipbuilding • Rail • Valves

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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