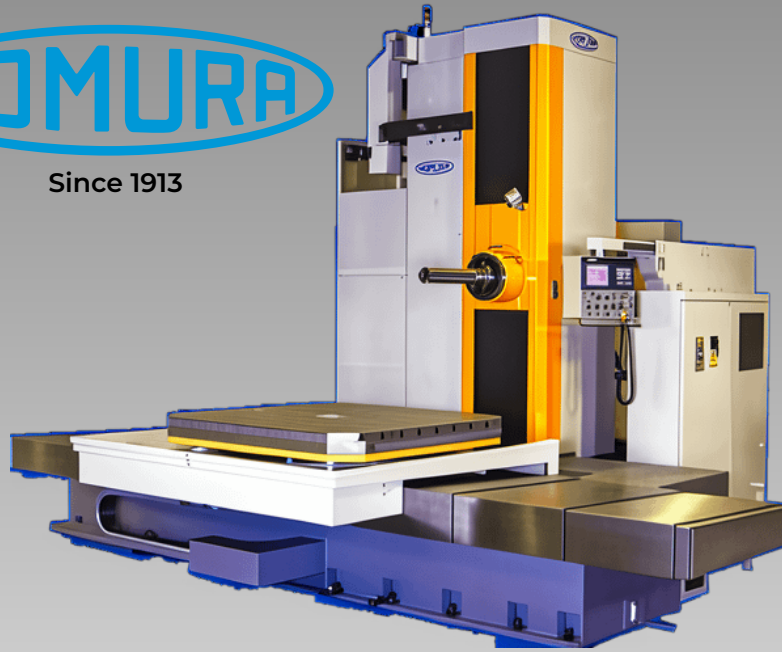


Pre-IMTS 2026 SPECIAL



Since 1913



HBA-110T-R3

HORIZONTAL BORING MILL

- **Extreme Rigidity:** Massive FC300 cast iron construction with hand-scraped box ways, engineered so there is no table overhang across full stroke.
- **The Nomura Spindle:** A masterpiece of engineering, crafted through a 39-step process incrementally hardened and ground, and including 4 stress relieving cycles. Results are an unmatched 0.000040" roundness, 0.00006" cylindricity and 0.0002" runout over full length.
- **Full (.001°) B-Axis:** Double-pinion with scale feedback.
- **Generous Quill Travel:** Superior workpiece access, supported by a robust headstock. Even at full quill extension, two-thirds of the spindle remains within the headstock, maintaining less than 0.0002" of spindle droop.

Show machine include following options:

- ▶ Table Splash guard
- ▶ Operator splash guard



Contact Us for Pre-Show Special Offer



Spindle	4.33" ISO-50
Max RPM	4,000
XYZ Travels	78" / 60" / 55.11"
W (Quill) Travel	19.68"
Table Size	55" x 63"
Max Load	15,400 lbs
ATC	40 tools
Control	Fanuc 31i-B5 Plus