



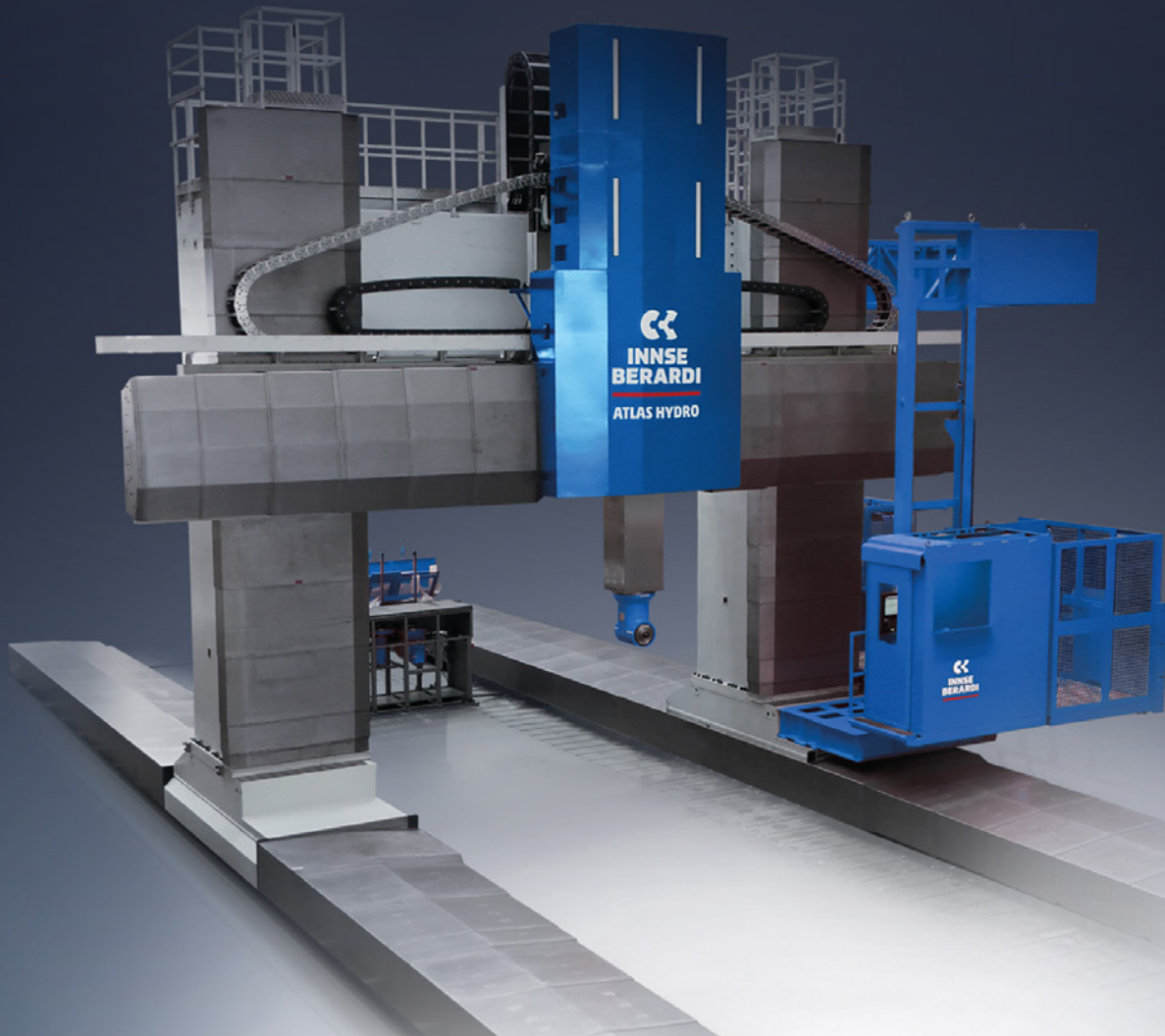
PORTAL MILLING MACHINES

ATLAS*Hydro G*

HEAVY-DUTY GANTRY MILLING WITH HYDROSTATIC GUIDEWAYS

**INNSE
BERARDI**

Machine Tools



Atlas Hydro G is a moving-gantry milling machine that travels along a modular bedline on preloaded **hydrostatic guideways**. Its rigid structure ensures stability, vibration damping and lasting accuracy in demanding heavy-duty applications.

- ◆ **Moving-gantry architecture**
- ◆ **Multiple working areas configuration**
- ◆ **Turning configuration available**



TECHNICAL INFORMATION



	ATLASHydro 2G	ATLASHydro 3G	ATLASHydro 4G
Distance between columns	From 3200 up to 10200 mm [From 125.98 up to 401.57 in]		
Floor Plate width	From 2000 up to 9000 mm [From 78.74 up to 354.33 in]		
Floor Plate length	From 5000 mm up to 23000+ mm [From 196.85 in up to 905.5+ in]		
X-axis travel	From 6000 mm up to 24000+ mm [From 236.22 up to 944.88+ in]		
RAM vertical travel (Z-axis)	From 1500 up to 4000 mm [From 59.06 up to 157.48 in]		
W-axis vertical travel (only for ATLAS HYDRO G-W working crossrail)	From 1500 up to 5000 mm [From 59.06 up to 196.85 in]		
Spindle power	From 65 up to 100 kW [From 87.15 up to 134.10 hp]		
Torque	From 3500 Nm up to 9000 Nm [From 2,581.49 up to 6,638.79 ft-lb]		
Spindle Speed	From 2500 rpm up to 4000 rpm		
C Axis	Continuous positioning / working / endless		
X,Y and Z axes Feed	Up to 20000 mm/min [Up to 787.40 in/min]		
W axis Feed (if present)	Up to 30000 mm/min [Up to 1,181.10 in/min]		

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