



HIGH SPEED HORIZONTAL MACHINING CENTERS

IBPMax S

NEXT GENERATION AEROSPACE MACHINING

**INNSE
BERARDI**
Machine Tools



Developed for machining large aerospace **aluminium** structural components, **IBPMax S** combines dynamic performance, high spindle power and high accuracy. Its new **ABC head** with advanced kinematics allows multiaxial machining with limited rotary movements that significantly reduces finishing cycle times.

- ◆ UP TO **+40%** of productivity
- ◆ **Advanced Kinematics Head**
- ◆ **Patented Solution**



TECHNICAL SPECIFICATION

Axis	Travel mm [in]	Max feed rate m/min [ft/min]	Max. acceleration m/s ² [ft/s ²]	Max. thrust N [lbf]
X	4 350 - 5 350 - 6 350 7 350 + ext up to 22 350 [171.2 - 210.6 - 250.0 289.4 + up to 880.0]	70 [229.6]	8 [26.2]	10 000 [2,248]
Y	2 200 - 2 700 - 3 200 - 3 750 [86.6 - 106.3 - 126.0 - 147.6]	70 [229.6]	8 [26.2]	10 000 [2,248]
Z	750 [29.5]	70 [229.6]	8 [26.2]	10 000 [2,248]

TAMB-E HEAD TECHNICAL SPECIFICATION

Spindle

Torque (S1) Nm [ft-lbs]	66 [48]
Power (S1) kW [HP]	125 [167]
Max. speed [rpm]	30 000
Taper size	HSK-A-63(F80)



Axis	C (optional)	B	A
Stroke [°]	±420	±50	+50 -130
Max. feed rate [°/s]	720	720	720
Clamping torque Nm [ft-lbs]	4 000 [2,950]	4 000 [2,950]	4 000 [2,950]
Continuous torque Nm [ft-lbs]	970 [715]	970 [715]	970 [715]

