

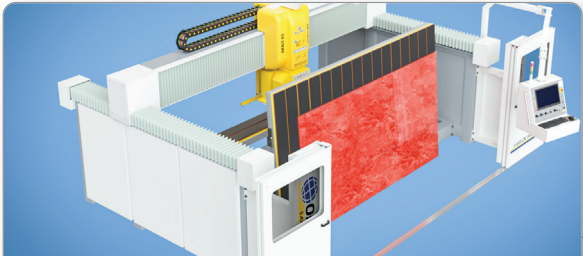


# CNC Bridge Saw ORBIT A5

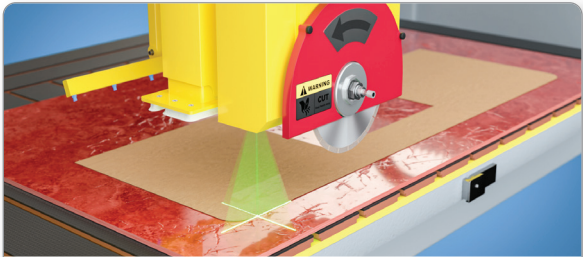
The Orbit A5 is a technologically advanced bridge saw that comes equipped with all the essential features required in modern stone cutting machines. It includes a vacuum manipulation system, a tilting table that can be adjusted up to 85°,an on-board camera, blade presetting, and a stone thickness probe. These features enable the machine to cut stone with precision, accuracy, and efficiency, making it a valuable asset in any stone cutting operation.



CNC Controller & Software



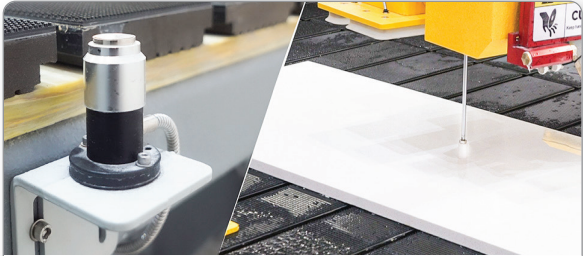
Tilting table up to 85°



DXF Digital templater



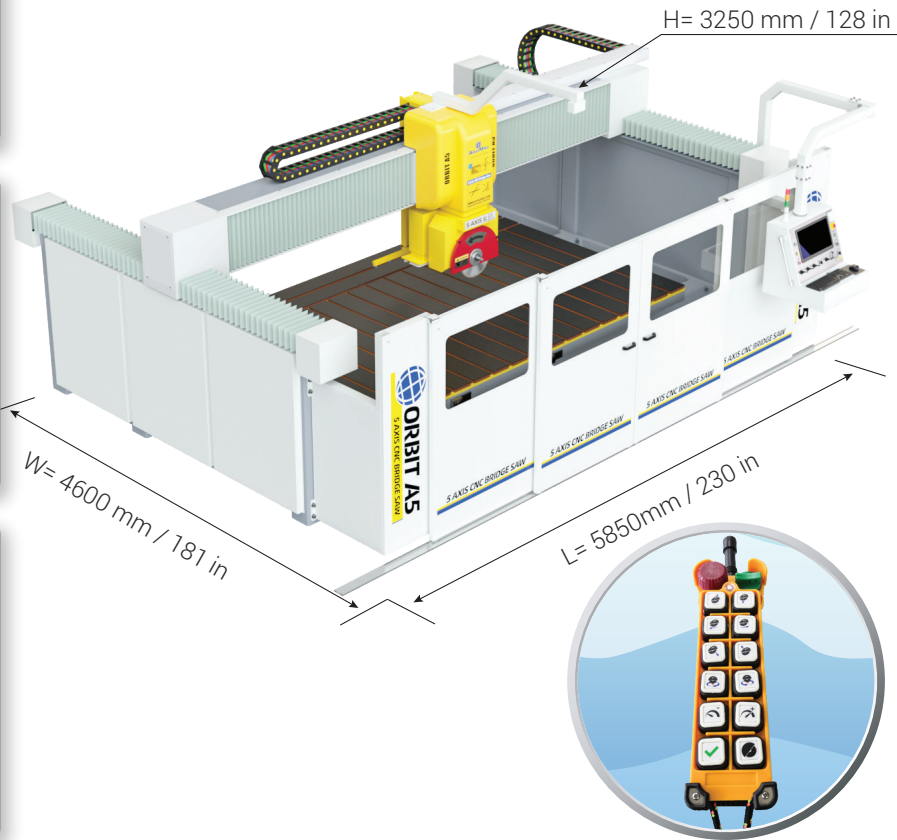
Vacuum manipulator system



Blade probe & Stone probe



Washing apparatus



## CNC Bridge Saw Orbit A5 technical data

Linear axis travel (X-Y-Z)	3700-2800-380 mm/146-110-15 in
Rotary axis travel(B-C)	90°-540°
Max. linear speed (X-Y-Z)	30-30-7.5 m/min / 98-98-24 ft/min
Max. rotation speed (B-C)	3600°/min
Table size	3600 x 2450 mm / 141.7 x 96.5 in.
Max. cut thickness vertical	150 mm/5.9 in
Max. blade diameter	500 mm/20 in (600 mm/23.6 in Optional)
Cutting disc flange diameter	200 mm / 7.87 in
Cutting disc hole diameter	50 mm/1.96 in
Electric spindle power	15 kW (S1)
Max. spindle rotation	9000 rpm
Vacuum cups	4 number
Vacuum lift capacity	500 kg/1100 lbs
Air pressure required	7 bar
Water consumption	15-25 l/min or 4-6.5 gal/min
Overall dimensions	5850×4600×3250 mm/230×181×128 in
Max. Install power	20 kW
Total weight	7500 kg/16535 lbs