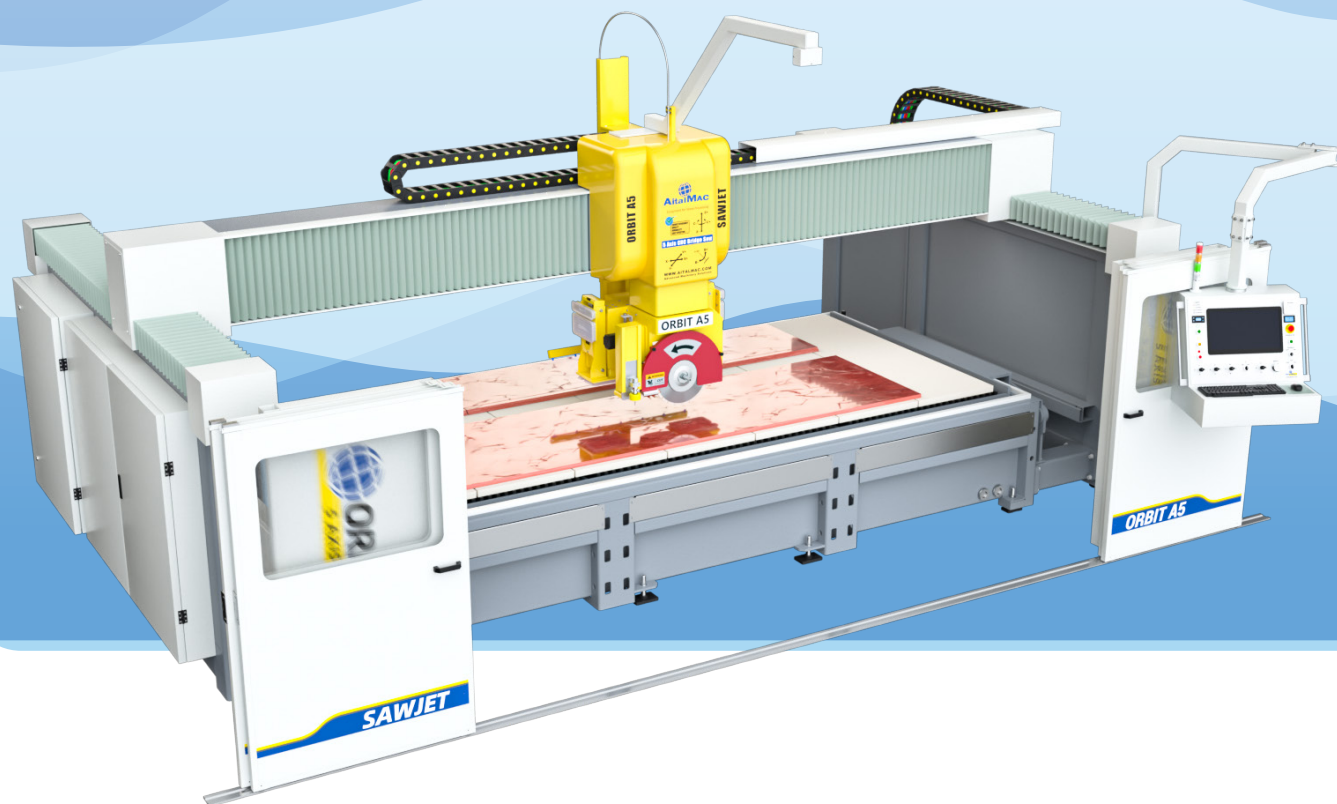
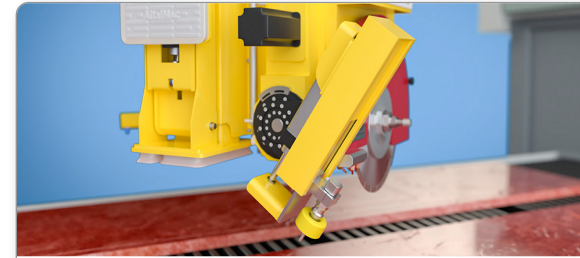


CNC 5 AXIS SAWJET ORBIT A5

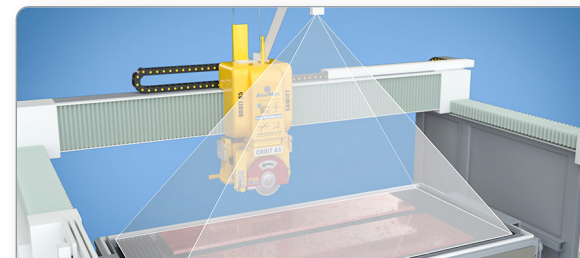
This is a very advanced and versatile stone cutting machine, this CNC Sawjet & bridge saw has a lot of features and capabilities: 5 interpolated axis, vacuum manipulator system for parts movement during automatic cut process, on-board camera, The high-precision laser probe and perimeter probe enable the machine to process the stone more accurately, tilting table up to 85°(optional), waterjet 5 axis and more.



5 Axis cutting head



Waterjet 5 axis



On-board camera



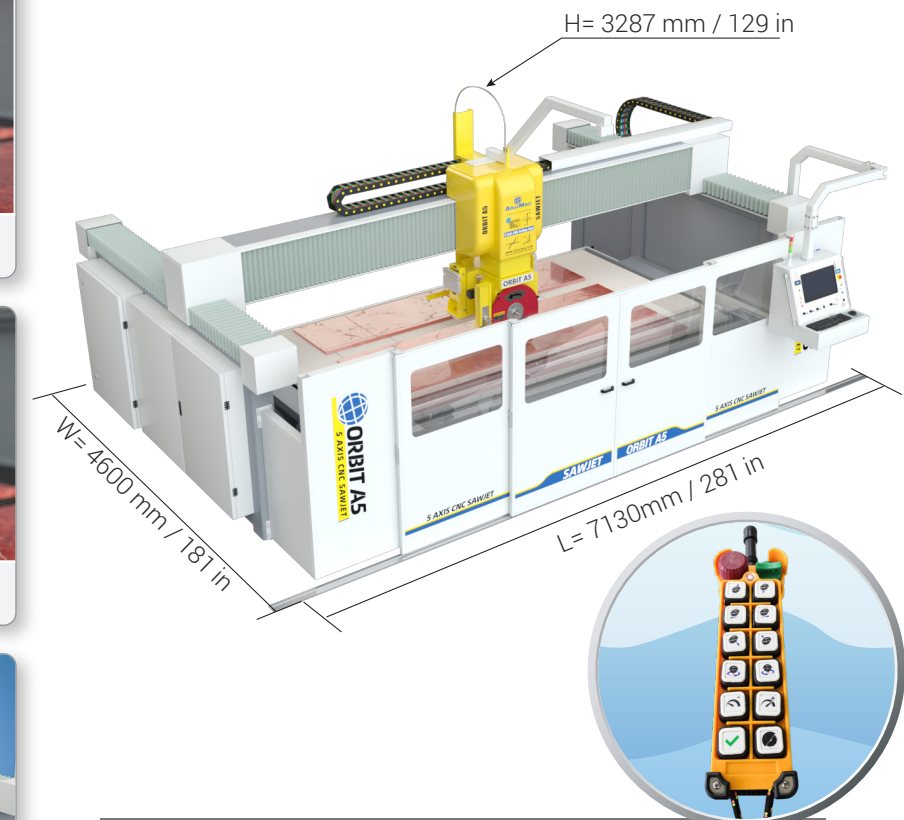
Vacuum manipulator system



Tilting table up to 85°



Laser probe & Perimeter probe & Blade probe



CNC Sawjet Orbit A5 technical data

| | |
|--|-----------------------------------|
| Linear axis travel (X-Y-Z) | 4440-2800 -380 mm/175 -110 -15 in |
| Rotary axis travel (B-C-V) | 90° - 540° - 60° |
| Max. linear speed (X-Y-Z) | 50-50-8 m/min / 164-164-26 ft/min |
| Max. rotation speed (B-C) | 3600°/min |
| Sawjet table size | 4410x2100 mm/174x82.7 in |
| Max. cut thickness vertical | 150 mm/5.9 in |
| Blade diameter | 300-500 mm/12-20 in |
| Cutting disc hole diameter | 50 mm/1.96 in |
| Cutting disc flange diameter | 200 mm/7.87 in |
| Electric spindle power | 15 kW(S1) |
| Max. spindle rotation | 9000 rpm |
| Air pressure required | 7 bar |
| Sawjet water pressure required | 2 bar |
| Water consumption for blade cooling | 25-35 l/min or 6.5-9.2 gal/min |
| Water consumption for finger bit cooling | 5-10 l/min or 1.3-2.6 gal/min |
| Water consumption for waterjet | 5 l/min or 1.3 gal/min |
| Water consumption for slab washing | 15-24 l/min or 4-6.5 gal/min |
| Vacuum cups | 8 number |
| Vacuum lift capacity | 500 kg/1100 lbs |
| Overall dimensions | 7130x4600x3287 mm/281x181x129 in |
| Max. install power | 20 kW +18 kW (waterjet pump) |
| Total weight | 10000 kg/22046 lbs |