



Wassercut SC series are waterjet cutting machines with a cantilever type modular structure, a design that allows for easy and convenient accessibility in the area of the table. Versatility, accuracy, high quality, and low surface occupancy of these teams make the best choice for processing a wide variety of materials and thicknesses.

The water jet cutting, being a cold-cutting technique is especially suitable for applications in which the material can't be affected by heat, in any case avoiding deformations, residual stresses and molecular alterations in the materials usually systems caused by thermal cutting, getting cuts and pieces of excellent quality and reduced costs.

SC Series incorporates an advanced PC-based CNC control with intuitive graphical interface for ease of use and programming.

SPECIFICATIONS

Standard Configuration		SC-20	SC-25	SC-30	SC-40
Working area (mm)	X	2000	2500	3000	4000
	Y	1000	1500	1500	1500
	Z			200	
Axes max. speed				60 m/min	
Cutting speed				20 m/min	
Cutting accuracy				+/- 0,1 / 0,2 mm	
Max. Cutting thickness				200mm	
Accuracy				+/- 20µm	
Motors X/Y/Z				Digital brushless AC servo motors	
Intensifier pump	Power			29 kW / 40 CV	
	Pressure			500 – 3.800 bar	
	Discharge C.			2,8 l/min (Máx.)	
Numerical control				Innova NK-6W with 19" Touch screen monitor Standard ISO programming (G-Code)	
Power supply				400V / 50Hz	

OPTIONS

- Motorized head dynamic bevel cutting
- Abrasive tank with automatic dispenser
- Water treatment with abrasive recovery system
- Double cutting head
- Intensifier pumps: 4.136 and 6.200 bar
- Anticollision system
- Equipment for water descaling and filtration
- Oil cooling system for intensifier pump
- Protective fairing enclosure
- Manufacture customized according to needs and production requirements
- Other configuration options and accessories are available

