



Wassercut SG Series are waterjet cutting machines with a modular gantry type, a design that provides great structural robustness and high speed of displacement that minimizes the time production processes. Versatility, accuracy, performance and high quality are the main features that highlight these machines as the best option 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. SG series incorporates an advanced PC-based CNC control with intuitive graphical interface for ease of use and programming.

SPECIFICATIONS

Standard Configuration		SG-25	SG-30	SG-40	SG-60
Working area (mm)	X	2500	3000	4000	6000
	Y	1500	2000	2000	2000
	Z			200	
Axes max. speed		70 m/min			
Cutting speed		20 m/min			
Cutting accuracy		+/- 0,1 / 0,2 mm			
Max. Cutting thickness		200mm			
Accuracy		+/- 25µm			
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-5W with 19" Touch screen monitor Standard ISO programming (G-Code)			
Power supply		400V / 50Hz			

OPTIONS

- Motorized head dynamic level and 3D 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

