

Seamtracking

With electric push-button ST

The electric JAVAC sensor scans the form of the welding seam with a sensor. The scan is effected in two directions. Geometrical irregularities will be detected at once. They will be calculated by the control system and the torch as well as the workpiece will be repositioned timely. The complete communication system can be connected with a welding device. This ensures a very high welding quality. It is suitable for overlap welding, fillet welding as well as butt weldings with groove or joint.

The JAVAC seamtracking system comprises a control box, a 2D sensor, a sensor holder, an electric precision cross support, a clamp holder and different "scanners". The sensor is completely coated and thus prevents from damage caused by welding dust, heat and humidity inside the system.

JC-ST electric sensor scanner

Control unit and support can also be combined with a laser sensor!



Scope of delivery with additional sensorheads

Model	JC-ST05	JC-ST10	JC-ST20
Supply voltage	AC 230 V, 50/60 HZ		
Load capacity	25 kg	50 kg	100 kg
Tracking range	100 mm	200 mm	200 mm
Tracking speed	20 ~ 250 mm/min.	20 ~ 250 mm/min.	20 ~ 200 mm/min.
Support precision	+- 0,25 mm, optional +- 0,13 mm		
Welding types	MIG / WIG / CO ²	UP	UP
Temperature	auf/ab	-10° ~ +70°	
Control function	Up/down and cw/ccw-movement, emergency stop, movement limit, track detection, limit detection, adjustment of track speed, remote control		
Item no.	02.22.01.00100		