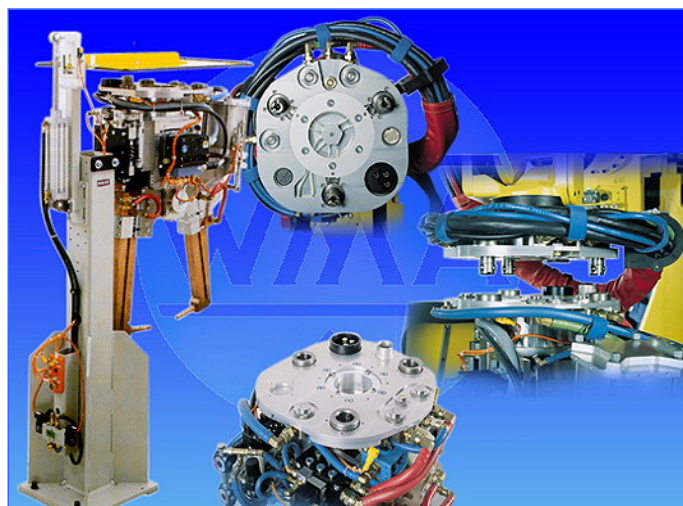




Change system and magazine

Version: 01-2011

Gun change system WS 003 and 004



Left: Gun magazine with cover plate
 Middle above: robot side, below: Tool side
 Right: Side view with robot (above) and tool (below).

	WSW / WSR 004	WSW / WSR 003
Ultimate load	150 kg	250 kg
Height	50 mm	50 mm
Own weight	22.5 kg	26 kg
Min. air pressure	4 bar	4 bar
Media conduction (2 x water, 1 x air)	15 litres at 1 bar pressure difference	35 litres at 1 bar pressure difference
Primary plug (3 pole)	500 V nominal voltage, 200 A constant current	500 V nominal voltage, 200 A constant current
Control plug (2 x 16 pole)	125 V nominal voltage, 18 A constant current, Protective system IP 65 in plugged position	125 V nominal voltage, 18 A constant current, Protective system IP 65 in plugged position
Flange mounting according to	ISO 940 9/1, Ø 125 mm, self-locking at any pressure drop. Dock control by limit switch	ISO 940 9/1, Ø 125 mm, self-locking at any pressure drop. Dock control by limit switch
Order-number		

WMA is general distributor for NIMAK welding machines in Baden-Wuerttemberg

We reserve the right to make changes which are in the interest of technical progress.

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Change system-1

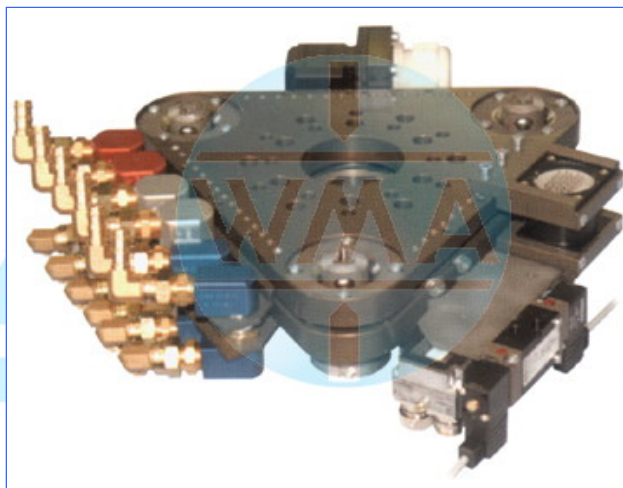
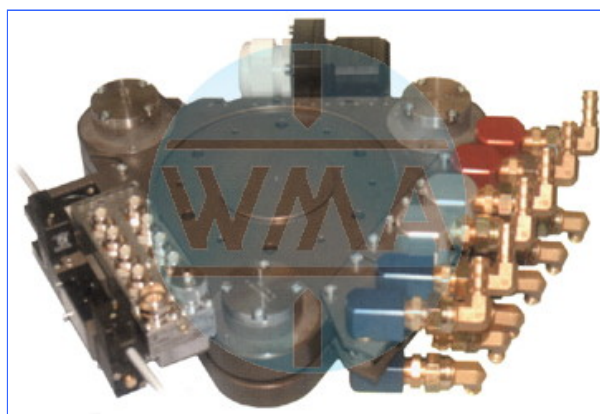


Change system and magazine

Version: 01-2011

Tool change system WS 010

- high safety level of the docking processes
- automatic interlocking when pressure drops
- signal transmission when locking
- coloured designation of supply connections
- IP65-certified
- easy of servicing due to quick change contacts in case of failure caused by wear
- maximum loads with low weight and flat style
- large water flow valves ensure minimum space requirements
- three different sizes available as standard
- flexible installation of the gun deposit system
- swingable valves
- multiple choice of specifications are available



	WSW / WSR 010
Ultimate load	up to 550 kg
Height	50-70 mm
Own weight	ca. 30 kg
Min. air pressure	6 bar
Media conduction	4 x water, 2 x air
Primary plug (3 pole)	690 V nominal voltage, 200 A constant current
Control plug (1 or 2 x 27 pole)	125 V nominal voltage, 18 A constant current,
Flange according to	ISO 940 9/1
Order-number	

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Change system-3