

# Lorch UR8L MIG-MAG configuration



## Process table

<b>MIG-MAG</b>													
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	standard for all models	optionally available

## Operation concepts



### Torch system option: Cobot Push-Pull torch LMR-PP 450 W EVO

- Special Lorch Cobot torch with a 4.0 m hose package and double-circuit cooling system
- Torch original equipment kit for stainless steel/aluminium 1.0/1.2 mm
- Optimal for stainless steel/aluminium applications

## Technical Data

	 <b>MyCobot UR8L MIG-MAG</b>
Cobot	
- Weight (in Kg)	44,7
- Activity range (in mm)	1.750
- Bearing load (in Kg)	8.0
- Spot-to-spot repeatability (in mm)	+/- 0,08
- Variance	6 rotating joints
- Joint rotation (in °)	+/- 360°
- Power supply 1~ 230V	230V 1~
MIG-MAG	
- Welding range (in A)	25-400
- voltage setting	infinitely variable
Duty cycle	
- duty cycle 100% 40 °C (in Amps)	320
- duty cycle 60% 40 °C (in Amps)	350
- duty cycle at max. current 40 °C (in %)	50%
Feeder and wire	
- weldable wires steel (in mm)	0,8-1,6
Mains	
- mains voltage (in V)	400
- phases (50/60 Hz)	3~
- positive mains tolerance (in %)	15%
- negative mains tolerance (in %)	15%
- mains fuse (in Amps)	32
- mains plug	CEE 32
Dimensions and weights	
- power source dimensions (LxWxH) B version (in mm)	845x445x810
- weight, power source B-version gas-cooled (in kg)	87.3
- weight, water cooling (filled) (in kg)	14,7
Standards and approvals	
- protection class (EN 60529)	IP23S
- insulation class	F
- designation	CE, S
- standard	EN 60974-01