

<b>Connected loads</b>	<b>Electrical connection</b>	230/400V +10%/-15%, 50/60 Hz, 3PNE
	<b>Total connected load</b>	≥31.7 kVA
	<b>Pre-fuse (on-site)</b>	3 X 35 A slow-blow
	<b>Compressed air</b>	<ul style="list-style-type: none"> <li>• Connection: 1/4"</li> <li>• Rating: 5 - 6 bar constant</li> <li>• Quality: filtered 5μ</li> <li>• Consumption: about 0.16 m<sup>3</sup>/h production-dependent</li> </ul>
	<b>Exhaust air at the fluxer</b>	<ul style="list-style-type: none"> <li>• Connection 2 x Ø 120 mm</li> <li>• Rating about 800 m<sup>3</sup>/h</li> </ul>
	<b>Inert gas</b>	<ul style="list-style-type: none"> <li>• Connection: 1/2" inner thread</li> <li>• Rating: 7 bar constant</li> <li>• Consumption: 15-20 m<sup>3</sup>/h production-dependent</li> </ul>
<b>Transport</b>	Transport speed	• Carrier transport: 0.5 - 2.5 m/min
	Transport angle above waves	• Carrier transport: 7° fixed
<b>Fluxer</b>	Atomizer fluxer control	Width in 9 stages / quantity continuous
<b>Preheater</b>	IR-pre-heater rating	• CIG 300/400/500 compact = 9 X 1.2 = 10.8 kVA
	Carbon/Hybrid-pre-heater rating	• CIG 400/500 compact = 6 x 0.9 + 6 x 0.8 = 10.2 kVA
	Length	• 1150 mm
	Temp. measurement PCB	<ul style="list-style-type: none"> <li>• Infrared temperature measurement on the underside of the PCB</li> <li>• Passage temperature measuring instrument</li> </ul>
	Inner temperature	continuously regulated
<b>Solder bath</b>	Solder bath heating	12 x 1.0 = 12.0 kVA
	Solder bath auxiliary heating	4 x 0.5 = 2.0 kVA
	Solder bath temperature	230° - 280° C
	Solder pot content	<ul style="list-style-type: none"> <li>• CIG 300/400 compact = 380 – 450 kg *) x2</li> <li>• CIG 500 compact = 550 -650 kg *) x2</li> </ul> *) it depends on the alloy
	Heating time of the solder	450 kg bath about 180 min. / 650 kg bath about 200 min
	Automatic solder replenishment	Solder wire Ø 6 mm, coil Ø 305 x 110 mm
	Solder wave height hollow wave	30 mm
	Solder wave height full wave	4 – 9 mm
	Solder wave width	300 = 320mm / 400 = 420mm / 500=520mm
	Distance between the peaks	70 mm / 100 mm
	Stability of solder bath temp.	± 1 °C
<b>Inert gas</b>	Permanent measurement	0-100 ppm, 0-1000 ppm, autom. regulation
	Gas used	Nitrogen
	Cleaning	Condensate trap (Option)
<b>Controller</b>	Robotronix controller	PC / MIS
<b>Other</b>	Continuous noise level	< 65 dB(A)
	Residual power consumers	1.3 kVA
	Dimensions of the machine	<ul style="list-style-type: none"> <li>• CIG 300/400 compact = 4,44 x 2,98 x 1,10 m</li> <li>• CIG 500 compact = 4,44 x 3.28 x 1,10 m</li> </ul>
	Weight of the machine	about 1100 kg (without solder filling)
	Color	Gray white RAL 9002