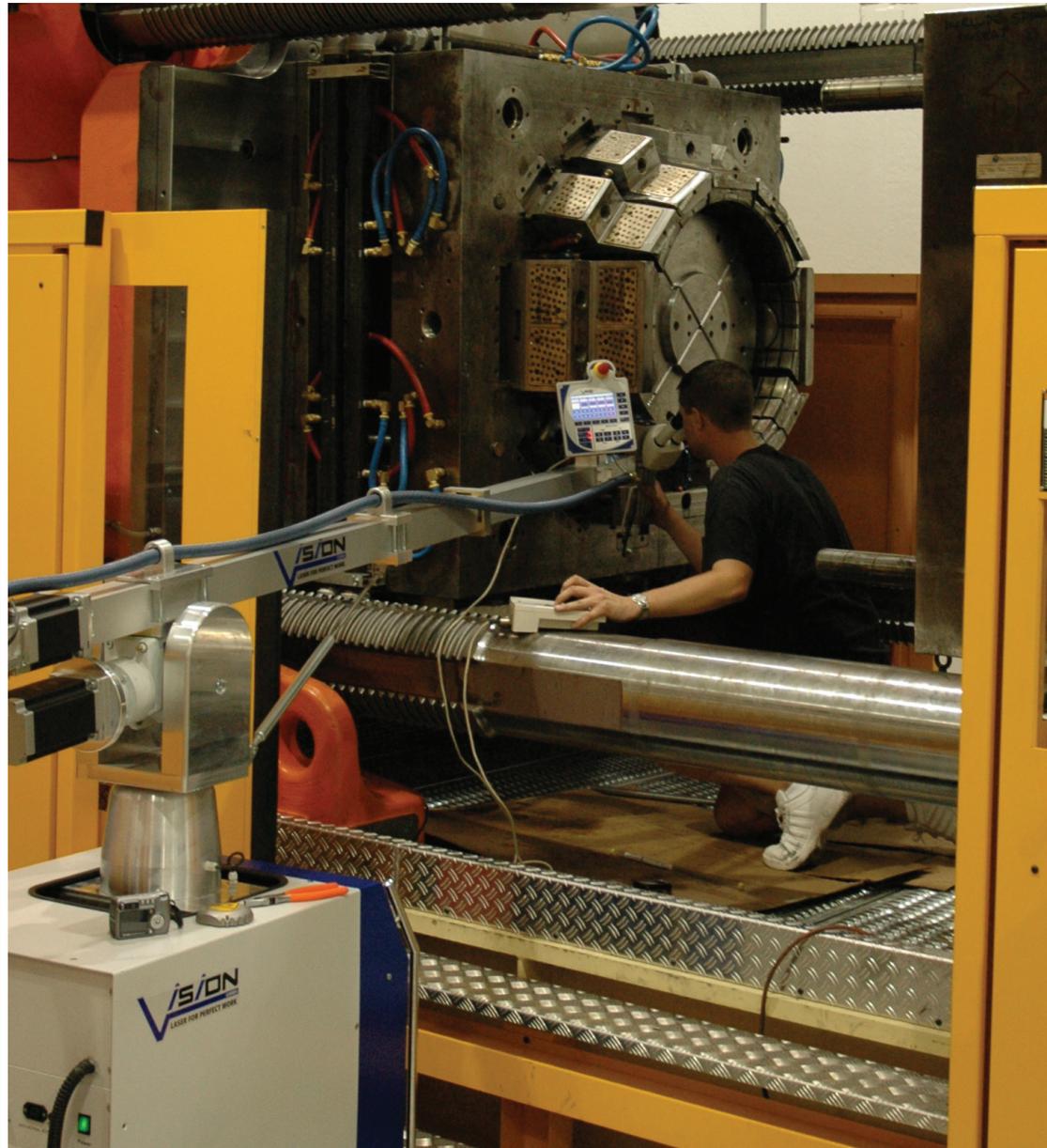


ULTRA FLEXX

Alliance Laser Sales, the premier dealer for laser welding machines and accessories in the United States, has formed a new partnership with Vision GmbH, the world leader in laser engineering. Vision GmbH supplies some of the biggest names in the laser welding industry with everything from laser crystals to wires, and now we are proud to bring their superior product to you.

Offering unmatched service and support, as well as custom solutions tailored to our customers needs, Alliance Laser Sales is looking to introduce the United States to the latest and greatest that the world has to offer.



The Vision Ultra Flexx sets new standards in the field of mobile mold repair laser welding. Now for the first time ever mold repair can be accomplished on site at a height of up to 10 feet without the need for a crane or other machinery, all without the hassle of taking your machine apart.

Beam Source:	Nd:YAG	Power Adjustment:	Via Voltage or PWM Feature
Pump Source:	Flash-lamp	Pulse Length:	0,5 - 20 ms
Wavelength:	1064 nm	Pulse Frequency:	Singe pulse up to 20 Hz
Operating Mode:	Pulsed Laser System	Pulse Fill Mode:	10 - 100 %
Max. Avg. Output:	120 W	PWM:	1 - 100 %
Max. Power:	80 Joule	Energy Meter:	Integrated
Max. Peak Power:	10 kW	Microscope:	Leica Top with 20 x eyepieces
Spot Diameter:	400um - .09 Motor Powered	Cooling:	Enclosed water / air heat exchangers
Focal Length:	7.4 (standard)	Supply voltage:	380 volts, 3-phase, 50/ 0 Hz, 4 kW

All systems feature microprocessor-controlled funtions and are equipped with an automatic self-diagnostic system.
All systems have CAN and RS 234 interfaces.

