Laselec
Marking the difference

MLC 500

A rapid and efficient solution for cleaning molds and industrial parts by LASER

PRECISION AND SPEED OF LASER CLEANING

HEIGHTENED PRODUCTIVITY

AUTOMATIC CLEANING WITH NO CHEMICAL ADDITIVES

LASER CLEANING FOR MOLDS AND INDUSTRIAL PARTS

THE BENEFITS OF THE MLC 500

- ¤ INNOVATIVE and RELIABLE technology
- ¤ SIMPLE to use
- ¤ TARGETED CLEANING precisely where needed
- ¤ Improved PRODUCTIVITY
- ¤ ERGONOMIC DESIGN appreciated by users
- ¤ NON -POLLUTING machine
- ¤ MINIMAL maintenance
- ¤ No chemical additives

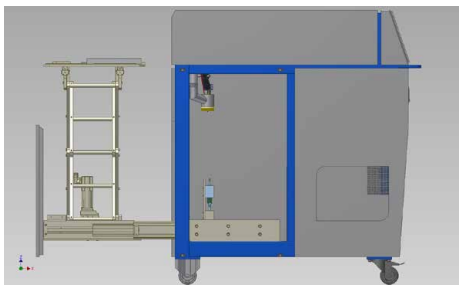
MLC 500 CHARACTERISTICS

- ¤ Speed of laser movement from 4 to 50 mm/second / 0.15 to 2 inch/second
- ¤ Electrical current: 208 V / 240 V, 20 A, single-phased
- ¤ Class 1 laser (no special protection needed)
- ¤ 12.1 inch control screen
- ¤ Residue collected by active carbon filter
- ¤ Meets EC & FDA standards
- ¤ Maximum part size (L x W x H): 690 x 505 x 190 mm / 27.16 x 19.88 x 7.48 inch
- ¤ Maximum mold weight accepted: 180 kg / 396 lbs
- ¤ Operational temperature: 15° to 40°C / 59° to 104°F
- ¤ Storage temperature: 1° to 45°C / 34° to 113° F
- ¤ Maximum humidity: 80% (non-condensing)
- ¤ Mobile machine mounted on wheels
- ¤ 12 month guarantee

PRODUCTIVITY

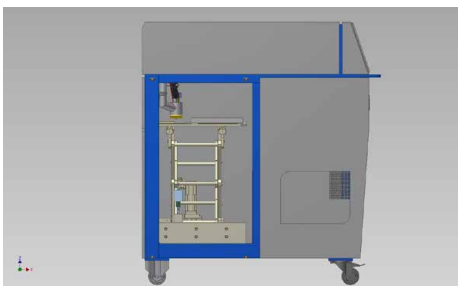
The control-command system of the machine allows cleaning operations to be pre-programmed. Starting with a CAO file of the mold, you can pre-load an optimized program which will guarantee the best balance between productivity and efficacy.

LOADING MOLDS OR INDUSTRIAL PARTS INTO THE MLC 500

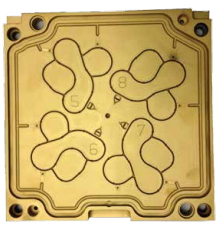


STEP 1
Mold and parts are manually installed on the platform

STEP 2
Drawer is closed manually, then mold and parts are automatically moved to correct height



STEP 3
Mold and parts are cleaned by scanning of the rotating laser head



Don't hesitate to contact us for further information or for free tests on your molds and parts!

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