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PRODUCT INFORMATION

FULLY AUTOMATED APPLICATION SOLUTION FLAT BED LASERS

FOR LASER-LOTION PROTEC LC20A

BENEFIT OF THE SOLUTION

- Enhanced quality due to **spatter free, dry and clean metal surfaces** without post-work; for example also at the bottom side of stainless steel
- **Reduced formation of burrs** at the cutting edge
- **Reduced cleaning effort** at the grating (support bars) of the laser equipment, **extended service life**
- **Improved cutting process,** particularly during the starting phase after piercing

PROPERTIES OF THE FLUIDS

- LASER-LOTION PROTEC LC20A forms a protective layer against **spatter and slag during laser cutting ,** the parts leave the cutting process dry (not oily) and clean
- To be used on any kind of metal (**steel, stainless steel, aluminium etc.**)
- **Process safety** from cutting over welding to coating
- **Safe**, not combustible and biologically degradable (**not subject to registration** in accordance with GHS/CLP)
- Details see product information Laser-Lotion PROTEC LC20A

PROPERTIES OF THE APPLICATION SOLUTION

- **Reliable wetting of the top and bottom side of the plate** using PROTEC Fluid
- **Protection of the gratings at the same time** since spraying is done from below through the gratings
- **Minimised contamination of the surrounding** by using HVLP spraying technique (low pressure)
- **Easy integration** into existing machines

TECHNICAL DETAILS

SUPPLIED COMPONENTS

- 2 spray bars with 5 HVLP spray guns each
- Control stand with touch-screen (switching application mode between bottom/top/both) includes diaphragm pump and equipment for activating and feeding the spray guns, integrated fluid supply
- All necessary valves, hoses and ducts

INSTALLATION AND MAINTENANCE

- The application solution has been developed by the company WSoptics in co-operation with PROTEC
- The solution is supplied with an installation ready for use including a first fill with PROTEC Fluid
- Optionally a service package may be offered

CHARACTERISTICS

Input voltage	230V	**Fluid supply**	2x 10l canister
Compressed air supply	Euro compressed air coupling	**Fluid consumption**	approx. 40ml / large scale panel
Working width (Standard)	1.550 mm	**Spraying heads**	2x5 HVLP spray gun
Control terminal	Touch Screen		

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