

Technical data

Model	VIN Marker
Laser source	pulsed Yb-Fiber laser
Wave length	1064 nm
Laser power	200 W
Laser class	with Safetycone prepared for laser class 1
Pilot laser	no
Pulse duration	variable 20-500 ns
Pulse frequency	2-4000 KHz
Max. Pulse energy	2 mJ (@ 250 & 500 ns / 100 kHz)
Typical service life of pump diodes	100.000h
Jet quality	M ² <1,2 - 1,8
Marking field with Safetycone	Marking field X x Y: 120 x 20 mm Support surface: 150 x 50 mm
Focal length	163 mm
Fieldbus / control	Profinet
Communication	Ethernet, USB, HDMI
Security interface	Profisafe / Han3A RJ45
Suction interface	Harting Han6 24pole
Cooling	active air-cooled
IP Protection class	IP 54 (marking head)
Power consumption	3.300 W
Power supply	230 V / 50-60Hz / 1-N-PE
Laserrack	Interfaces & integrated power supply
Safetycone	Interfaces & integrated power supply
Fiber length	~ 8,3 m
Connection package head/rack	Connection cable set: ~ 8,5 m
Connection head/rack	Hybrid cabel 1,5m
Operating environment marking head	15 - 45 °C, non-condensing
Operating environment rack	15 - 35 °C, 0 - 60 % non-condensing
Weight marking head	11 kg
Weight Safetycone	4,9 kg
Weight laser rack 19" 4HE	23,4 kg
Weight control rack 19" 4HE	16,5 kg
Dimensions marking head	180 x 145 x 450 mm
Dimensions Safetycone	205 x 220 x 230 mm
Dimensions laser rack 19" 4HE	450 x 177 x 540 mm
Dimensions control rack 19" 4HE	450 x 177 x 540 mm
Applied standards and guidelines	IEC EN 60825-1, Machinery Directive 2006/42/EG