



LASER WELDING
BY NOVOFLOW

DATA SHEET

NF-LC-S 500



hand held laser cleaning device 500 watt	
description	technical data
laser power	500 W
spot mode	single (air cooled)
max. single pulse energy MJ	1.5
working distance* / scan width*	working distance 185 - 438 mm / scan width 105 - 200 mm
20 µm rust film (m ² /h)	13
20 µm oil pollution (m ² /h)	14,3
20 µm color / lacquer (m ² /h)	10,1
5 µm galvanized sheet metal (m ² /h)	10,8
floor or wall surfaces (m ² /h)	12
car paint (m ² /h)	2
aluminum oxide film (m ² /h)	7
hot rolled steel oxide layer (m ² /h)	1,1
voltage	230 V / 50 Hz
connected load	3 kW
dimension cm (l x w x h)	92 x 58 x 88
weight kg	177

field mirror model (standard F160, other models optional)	F160	F210	F254	F330	F420
working distance* mm	185	240	285	345	438
scan width* mm	105	130	150	175	200

