

Power 22-33-54 W

FYBRA™

ACTIVE FIBER LASER SYSTEM

NB:Yb 1064 nm

Active fiber marking laser

Designed for a variety of environments, FYBRA generates a high-power laser beam from the source to the head via a flexible fiber optic cable, that allows a considerable increase of the power, without compromising the size of the laser spot. This allows for a better marking result at higher powers and a better efficiency of the system.

Materials

Anodized • Metal • Alloys • Burnished
Ceramics • Ebony • Painted • Plastic
Polycarbonate • Silicon





Softwares Genius e Nano
Page 29 for details



Connectivity
To the PC by Ethernet or USB



Red pointer
Marking preview



External Power Supply
24 VDC 100/240 V 50/60 Hz



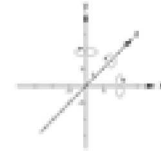
Optional MOTF
Marking on-the-fly



Optional autofocus
Focal distance between marking head and piece to be marked detection device



Readers
Fixed or portable reader for QR codes, barcodes and datamatrix



Optional axis
X/Y, Z and rotating Theta

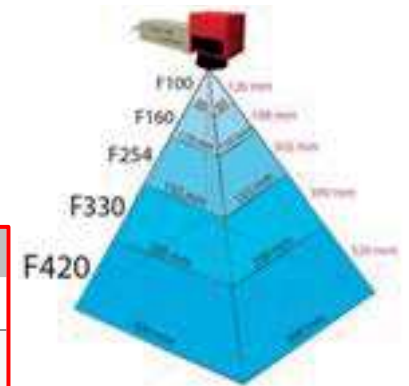
Signals PLC digital I/O
Diagnostics output and check input

Source
Air cooling

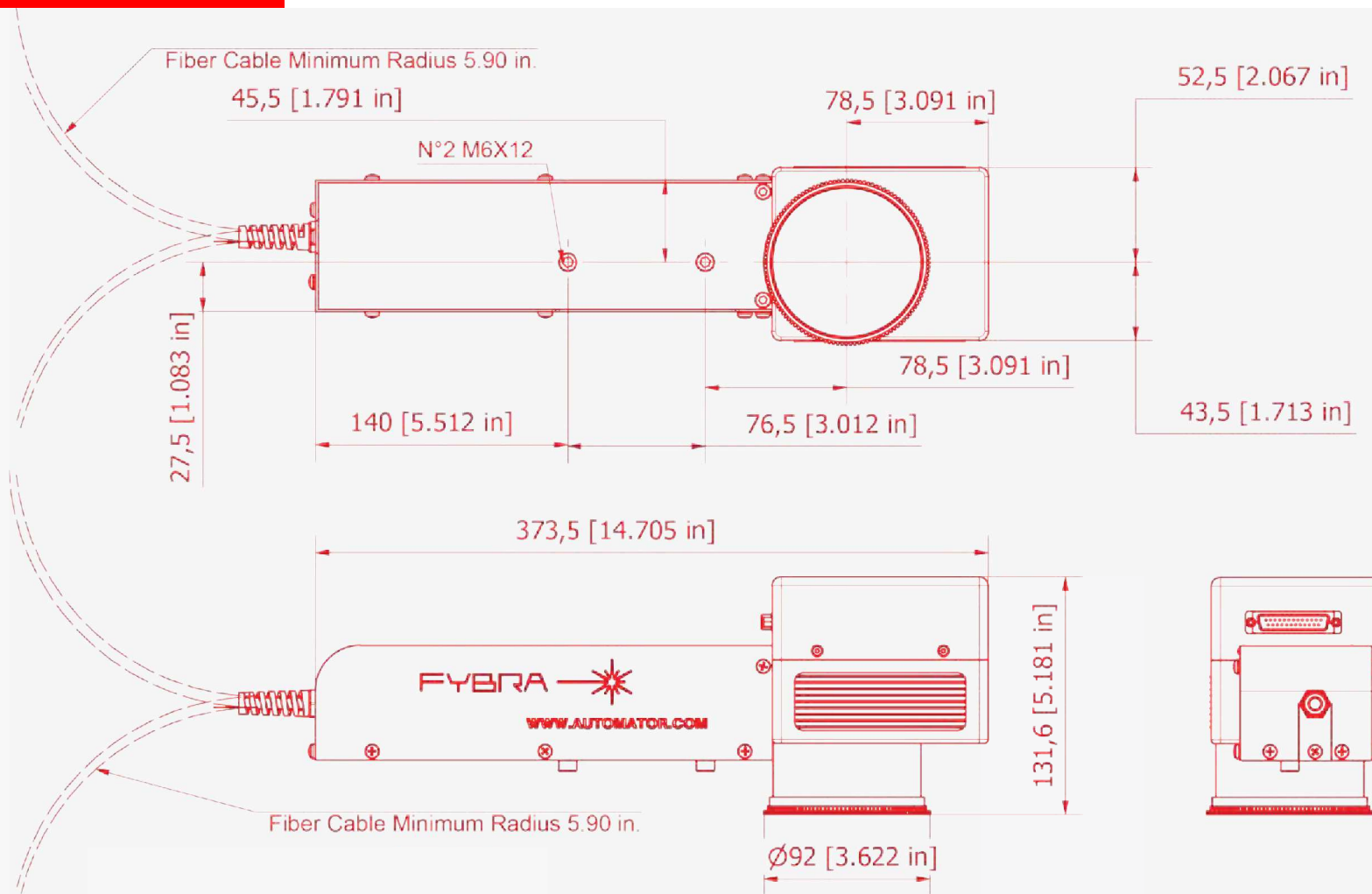


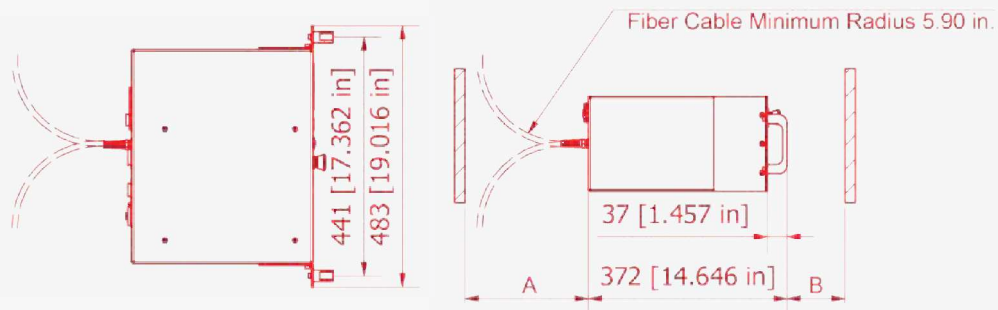
Lenses

	F100	F163	F254	F330	F420
Focal lengths	120 mm	198 mm	302 mm	390 mm	520 mm
Marking Areas	60x60 mm	110x110 mm	155x155 mm	200x200 mm	300x300 mm

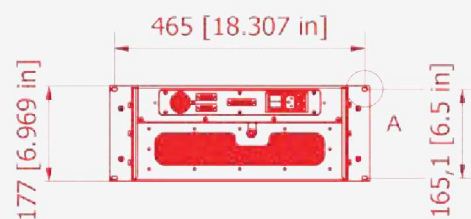


FYBRA™

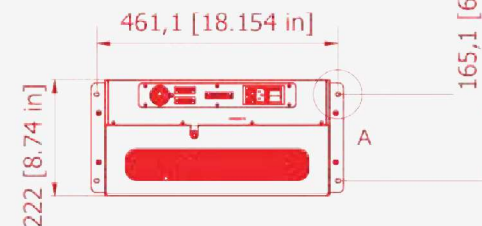
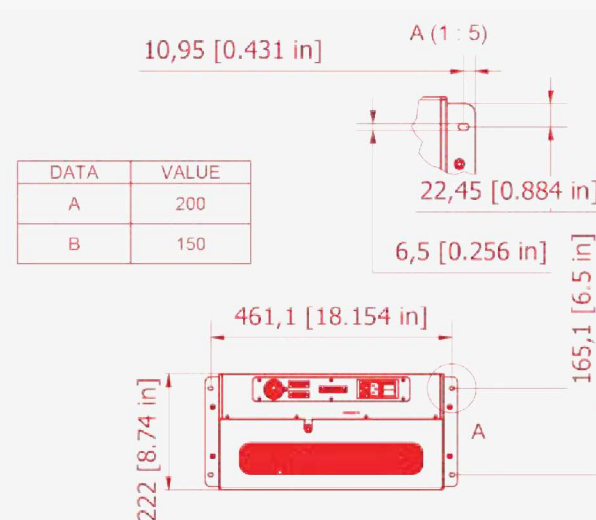
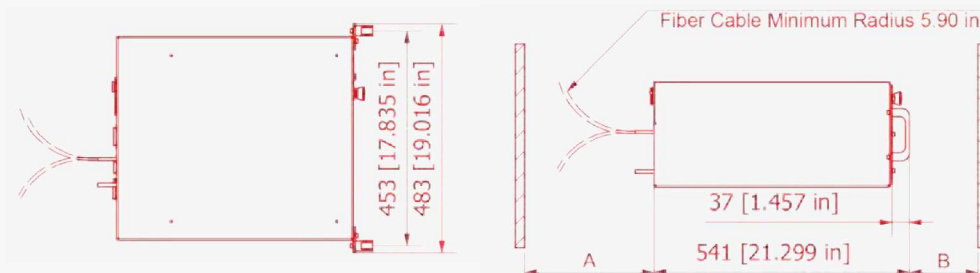




A = 200 mm (7,9 in)
B = 150 mm (5,9 in)



FYBRA 22-33 W



FYBRA 54 W