

# **Ceramic Flanger Coaxial Machine Adjustment**



## **Overview**

Adjust the coaxial line at focal point 0 so that the laser is in the center of the nozzle;  
2. Light up at the focal point  $\pm 6\text{mm}$ ; 3. If the focus 0 and  $\pm 6\text{mm}$  polishing point are in the center of the nozzle, it is normal; Otherwise, replace the cutting head or the laser optical. Is your laser cutting machine slightly off-center?

☐☐ No worries! Learn the step-by-step process to fix the coaxiality and get your cutting results perfectly aligned! ☐☐. It must be ensured that the nozzle outlet and the. Page 1 FF7200 Flange Facer Machine OPERATING MANUAL This manual is available in electronic format as P/N 59129 Original Instructions Serial Number Range: 11017900 – 15121870 PN: 59129 March 2019 Revision 9. John Blake filed his patent in 1955 & a couple years later (1957) US Patent Number 2814124 was successfully issued! Soon thereafter Blake.



## Article Content

### Coaxiality correction of flanged pipe welding machine for Air Products

In April 2024, we carried out the measurement and adjustment of an automatic welding machine for Air Products. The customer decided to use laser measurement technology due to the ...

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As the operator of this machine, you are expected to do your part by closely examining the job site and following the operating procedures outlined in this manual, your own company rules, and local ...

### Coaxial Centering Indicator

Blake Manufacturing produces the original Blake Coaxial Indicator for precision centering on milling machines. Indicators, repairs, accessories & tech support.

The flow chart of the proposed method.

The images of each FOV is captured, and the translation adjustment and rotation adjustment are calculated through the method proposed in III-B and III-C.

How to adjust the coaxiality between the cutting head and the

The fiber laser cutting machine must be tested coaxially before starting up to ensure that the laser cutting machine can work normally. The coaxial test is mainly to adjust the coaxiality of the laser ...

### How to Adjust the Coaxiality of Your Laser Cutting Machine?

Learn the step-by-step process to fix the coaxiality and get your cutting results perfectly...

### How to adjust the coaxiality of laser cutting machine?

Coaxial test mainly refers to the adjustment of the coaxiality between the outlet hole of the laser head nozzle and the laser beam. It is necessary to ensure that the nozzle is in the same line with the laser ...

### A Coaxial Alignment Method for Large Flange Parts Assembly Using ...

In this paper, a new alignment method based on the principle of coaxial alignment for large flange parts is proposed. The proposed method first obtains multiple high-precision image pairs ...

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Website: <https://budowasilesia.pl>

Email: [contact@budowasilesia.pl](mailto:contact@budowasilesia.pl)

Phone: +48 537 192 846

Address: ul. Chorzowska 45, 40-001 Katowice, Silesian Voivodeship, Poland

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