



## Automated Part Marking- Round Parts

Laser System: Material Dependent



### Features

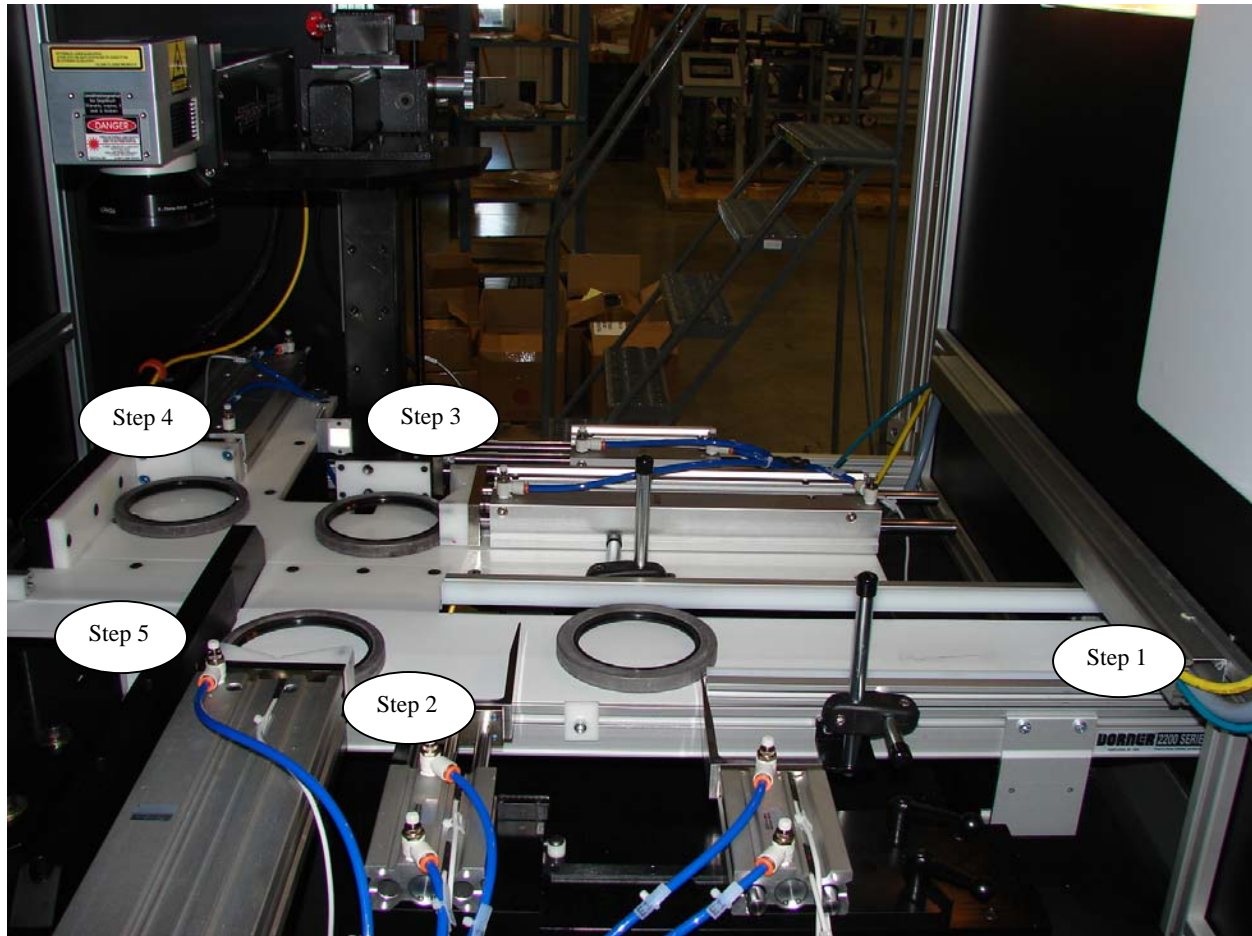
- 4 position, automated conveyor system
- Automated visual inspection system to determine if part is correctly assembled
- Fully enclosed Class I system
- Part to part set-up less than 5 minutes
- Bar code scanner pattern load
- Part range 3" to 6" OD's
- Can be adapted to flow in customers on line conveyor system

### Benefits

- Replaces YAG system that has a chiller and 230v power
- Reduces floor space
- Eliminates Consumables
- More Efficient
- Fully automated with or without operator intervention
- Increased throughput
- Increase in quality control



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### Process Flow

- Step 1:** Part enter by conveyor into the Telesis Custom Enclosed System
- Step 2:** One part is separated and pushed into the loading station
- Step 3:** Once in loading station, part goes through a visual inspection to determine if it has been assembled properly. Once the part passes inspection it is centered in v-block and pushed into the field of the laser for marking
- Step 4:** After part is placed in the marking area of the laser, the laser marks the part. Once the marking is complete, the part is moved to the unloading.
- Step 5:** Once placed on the exit conveyer, the part moves to an unloading station where the part is flipped onto another conveyer for further processing



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## System Pictures

