

# OPTIPRO

Trusted Technology.



Glassmaster  
520

## Glassmaster 520 Planetary Polishing

- Exceptional Flatness and Finish
- Highly Versatile Work Station
- 52" Table for High Productivity
- Patented Syncroshaft Drive System

### SAVE TIME

- Quick and easy adjustment of carrier rings via handwheel
- Self cleaning stainless steel recovery tank
- Less than one tenth of 1% worldwide down time

### MAKE MONEY

- 52" table for the price of competitors' 48" tables allows for higher throughput
- Capable of polishing glass, ceramic, silicon, crystal, or metal plano optics
- Consistently achieve flatness of  $1/20\lambda$  to  $1/30\lambda$

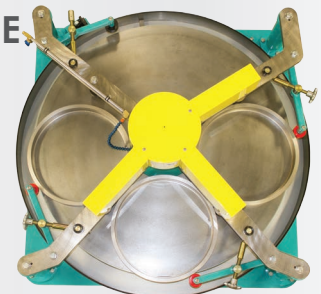
### QUALITY & RELIABILITY

- Highest quality machine components and state-of-the-art controls
- One-piece polishing table weighing over 2,000 lbs for incredible rigidity and stability



### SYNCROSHAFT ADVANTAGE

- Accurately synchronizes the rotation of all three carrier rings
- Ensures consistent flatness and finish between all work stations
- Dependable system that is virtually maintenance free



Grinding

Polishing

UltraForm  
UltraSmooth  
Finishing

Measuring

Advanced  
Process  
Development

Training

# High Volume Production of Flat Optics



Specifications*	Glassmaster 520
<b>Machine Dimensions</b> Total Height Length Width Weight	57 in. 60.5 in. 60.5 in. 3,600 lbs.
<b>Polishing Table</b> Table Height Table OD Table ID Table Material	37 in. 52 in. 14 in. Cast Iron
<b>Carrier Rings</b> Carrier Ring OD Carrier Ring ID Number of Carrier Rings	20.5 in. 19 in. 3
<b>Motor</b> Motor Type H.P. Motor Controls	3PH continuous duty 3 AC inverter (NEMA4)
<b>Gear Boxes</b> Primary Gear Box Secondary Gear Box	Worm gear 10:1 Torque arm reducer 25:1
<b>Input Voltage</b> <b>Table RPM Range</b> <b>Recommended Conditioner Diameter</b> <b>Maximum Conditioner Height</b>	230V3PH 0-7 26 in. 4.5 in.

\* Specifications subject to change. Contact OptiPro for the latest specifications.



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 the Glassmaster 520

