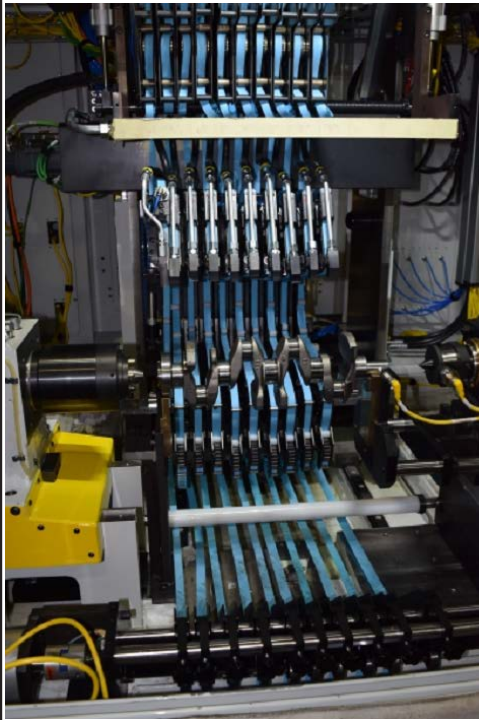


Worldstar 1680

Flexible Microfinishing System

IMPCO
Microfinishing



IMPCO
WORLDSTARTM
Microfinishing Systems

Our new design CNC microfinishing system polishes the critical cylindrical bearing journals of a range of different size crankshafts to micron tolerances consistently and automatically without the need to manually change and reposition the tooling, reducing changeover time from many hours to a few minutes.

Worldstar 1680 is a fully flexible microfinishing system for the automotive industry and was built in response to the requirements of a European automaker for installation in Brazil.

The flexibility of the machine to automatically position any of its 11 pairs of arms in any position to accommodate a range of crankshaft sizes will save the automaker time during changeover and avoid the need to retool the machine. The machine will permit the automaker to produce any crankshaft in its matrix of part dimensions, including variation on bearing pitch (main bearing to pin bearing spacing), currently and into the future, according to IMPCO.

Each microfinishing station in the four-machine system is loaded and unloaded automatically with an overhead gantry.

We have been pursuing development of this machine for more than a year in response to a global need for flexibility to produce parts to a range of specifications and volumes with minimum changeover time and cost.

IMPCO. 3417 W. St. Joseph St., Lansing, MI 48917. USA
WWW.IMPCO.COM