JHRobotics, inc.
Automation & Manufacturing

- Quick Integration
- Eliminate Costly Errors
- Increase Production
- Unparalleled Support

JHR-SERIES
MACHINE TENDING ROBOTS
TAKE YOUR WORKFORCE TO THE NEXT LEVEL

READY-TO-INTEGRATE

SCALABLE SOLUTIONS FOR EVERY BUDGET

JH Robotics has 34 years of experience in building, integrating and supporting automation systems for manufacturers. We have put that experience to use by developing a series of Universal Machine Tending Robots capable of loading machine tools such as turning centers, machining centers, grinders, EDM machines, etc.

JHR-150 MACHINE TENDING ROBOT

• NO ADDITIONAL FLOOR SPACE   • FAST CYCLE TIMES   • EASY ACCESS   • COST EFFECTIVE

Systems designed to require no additional floor space—all components mounted within machine tool enclosure perimeter. Unit can be easily accommodated to load/unload most low-height machine tools with an appropriate mounting area—lathes, mills, grinders, etc. Front door opens to allow complete access through machine tool front door. Parts can be vertical or horizontal.

JHR-200 MACHINE TENDING ROBOT

• NO ADDITIONAL FLOOR SPACE   • LOW HEIGHT REQUIREMENT   • VERTICAL/HORIZONTAL PARTS

Two pallets allow non-stop, uninterrupted running such that one pallet can be accessed while the other pallet is being loaded/ unloaded by the robot. Easy access to machine tool through sliding door with machine tool controls always accessible. Parts can be vertical or horizontal.

JHR-500 MACHINE TENDING ROBOT

• HIGH PART QUEUE CAPABILITY   • 1-2 SHIFT RUN TIMES   • FAST, EASY PALLET SWAP

Parts can be vertical or horizontal in pallets, with vertical arrangements offering larger part quantities per pallet. High part queue capability—potential for a complete 1 or 2 shift queue depending on cycle time. Continuous machining cycle with dual pallet input—operator can reload one pallet as robot continues to load/ unload parts from the other pallet. Pallets are on slides and need to be removed only when changing pallets from another job. Easy access to machine tool controls always accessible. Parts can be vertical or horizontal.

To get the most out of your investment, we can also have the robot perform secondary operations on your parts.
Examples include: *deburring, chamfering, marking, washing, inspection, and final packaging.*