

JHR-150 SERIES MACHINE TENDING ROBOTS

PRE-ENGINEERED, BUILD TO ORDER MACHINE TENDING SOLUTION DESIGNED TO AUTOMATE HARDINGE GT CNC LATHE
(ADAPTABLE TO OTHER MACHINE TOOLS UPON EVALUATION)

READY-TO-INTEGRATE



BASE SYSTEM FEATURES:

- Pre-engineered, proven, and safe robot machine tending cell
- Top mounted design allows automation equipment to take up zero additional floor space
- FANUC LR Mate 200iD six axis robot with R-30iB Plus Mate controller with color touch screen Teach iPendant
- Custom robot end of arm tooling included with two high quality Schunk brand pneumatic actuators to allow for simultaneous load/unload cycles
- Dual pallet infeed/outfeed system with each pallet consisting of a 13"x14" working area
- JHR exclusive robot auto door allows for extremely fast load/unload times
- Aluminum extrusion guarding keeps operators safe
- Pre-written robot software structure includes picking/placing from pallets and machine tool load/unload routines. Final points to be taught by end user during setup
- Allows you to retain full manual functionality of your machine
- Handles parts of up to 7 pounds
- Drastically increases productivity of machine tool by:
 - » Lights out operation – run robot on off-shifts and weekends to get additional machine utilization
 - » Increase overall production efficiency
 - » Consistent and fast machine load/unload times
 - » Greatly decreases machine operator labor
 - » Turnkey part trays and gripper finger tooling available upon request

JHR-150 SERIES MACHINE TENDING ROBOTS

SYSTEM OPTIONS:

- Turnkey part option
 - » Custom engineered gripper fingers, part pallets, and programming to automate production of a part of your choice
- Continuous run option
 - » Dual pallet drawer system with integrated safety sensors and FANUC DCS software monitoring allows an operator to reload one pallet while the robot picks from another. This allows for continuous robot loading while reloading the finished drawer.
- Robot mounted blow-off option
 - » Blow-off nozzle mounted on robot end effector assembly & required valving and plumbing to use for automated part or work-holding blow-off
- Non-GT machine option
 - » The top mounted design concept is adaptable to various other small CNC lathes and the additional cost for the adaptation can be quoted upon review.

EMAIL OR CALL TODAY FOR SYSTEM PRICING:

EMAIL: sales@jhrobotics.com

PHONE: (607) 729-3758

