

WS8100 Workstocker



S P E C I F I C A T I O N S

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| Dial Index Drive | 8 Station CAM driven index unit with DC drive motor. 100lbs. capacity per station, 800lbs total. |
| Lift Elevator | Self-contained mechanism, AC drive motor, roller chain lift (100lb. capacity standard) |
| Machine Base | Heavy duty welded steel frame with blanchard ground top surface. |
| Dial Plate | 24" tooling diameter x 3/4" blanchard ground plate (standard). |
| Machine Guarding | Formed welded Steel "Zero-Clearance" doors with interlocking safety switches for load access. Integral Fence for easy cell integration. |
| Part Tooling | Rapid-Adjust 3-Pin OD Tooling included standard. Capacity 1.25" x 5.5" Diameter. Convenient scale indicator for easy setup. 3-Pin Tooling may also be used for 2.6" to 6.9" ID part location up to a maximum 9" part OD. |
| Controls | Allen Bradley PLC for control of all workstocker functions. Stacklight enunciation of faults |

Specifications subject to change without notice.

O P T I O N S

- ID and Custom Part tooling available
- Powered take-away belt conveyor for finished parts
- Scalable solution, other sizes available
- Installation and training
- Other voltages available

The Model WS8100 Workstocker is a compact part storage and presentation system, which is ideal for use with machine tending automation. When coupled with a robot or pick and place device, the WS8100 Workstocker frees up valuable operator time. Simply load a stack of raw parts onto each of the WS8100's 8 stations and then press the cycle start push-button. The WS8100 Workstocker will then index and elevate a stack of parts to a fixed position for unload by a robot or other automation equipment. Each time a part is removed from the top of the stack, the stack is raised presenting the next part for pick-up. This device may also be used to store finished parts.

FEATURES

- 8 storage stations
- 18" usable height per station
- All electric operation, 120V 1-Phase standard
- Laser sensors provided for part positioning
- Leveling feet and cups included
- Easy interface to machine tending automation
- Stacklight provided for fault enunciation

FUNCTION

- Operator opens zero-clearance doors
- Set up 3-Pin tooling for proper part size
- Load raw parts onto available tooling pins
- Place unit in manual mode to index remaining tooling
- Complete setup and load of raw parts
- Cycle start machine tool, then cycle start machine tending automation
- Lift elevator raises stack of parts presenting the next part for pick-up
- Machine tending automation picks first part and loads machine tool
- Next cycle robot unloads finished part and loads raw part
- Cycle repeats



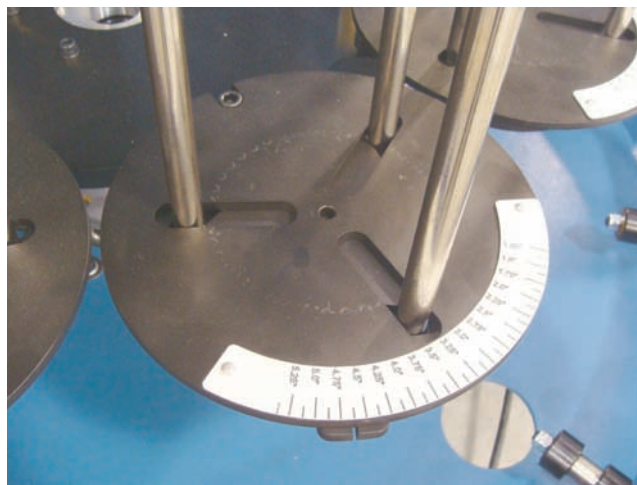
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WS8100 Workstocker



Bi-Directional Zero-Clearance Access Doors



Rapid-Adjust Tooling
OD 1.25" to 5.5" Capacity
ID 2.6" to 6.9" Capacity