

C-24 Used 4-Stage Part Washer

Small Metal Parts | Repurposed 21948

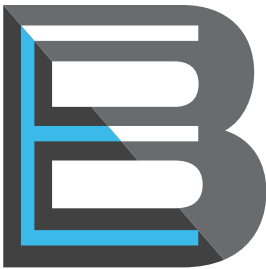
Conveyor Part Washer



AT A GLANCE

Results

- Demagnetizing Zone
- 4-Stage Conveyor Washer with 24" Belt (Wash/Rinse/Rinse/Dry)
- Streamlined Loading and Unloading
- Automatic Stage Indexing



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APPROACH

The C-24 is a conveyor washer initially designed to clean small metal parts secured inside baskets. The oval conveyor system is created in such a way that a single operator can easily load and unload trays quickly from one central point. Here's how it works: First, the operator places a tray on the gravity rollers and slides it onto the demagnetizing unit. Then, the tray is powered through the demagnetization zone, around the turn, and into the washing system. The trays then pass through four cleaning and drying stages - wash, rinse, rinse, and dry. The conveyor system has timed lasers that enable sequence indexing. Once the trays have gone through the conveyor, they come around the other turn and continue moving forward to the next available spot, the zoned accumulation. Eventually, the tray comes back to the operator.

CONCLUSION

In conclusion, the C-24 conveyor washer represents a highly efficient and user-friendly solution for cleaning gun parts trays. Its oval conveyor design streamlines the process, enabling a single operator to load and unload trays with ease. The well-structured sequence of operations, including demagnetizing, washing, rinsing, and drying, ensures thorough and consistent cleaning. The addition of zoned accumulation ensures uninterrupted workflow, enhancing overall productivity. This innovative system not only simplifies the cleaning process but also contributes to improved product quality and operational efficiency, making it a valuable asset for industries requiring precise parts cleaning.



C-24-S5/S3/S3/DH 4-Stage Conveyor Part Washer with 24" Belt

System Specifications

Rinse Stages (S3):

- Re-circulated spray module with 36" spray zone
- 68" canopy length, 104" overall (when stand-alone module)
- 5 HP pump / 275 gallon tank / 100 GPM / 36 kW electric heat

Wash Stage:

- Re-circulated spray module with a 60" spray zone
- 92" canopy length, 128" overall (when stand-alone module)
- 10 HP pump / 400 gallon tank / 150 GPM / 48 kW electric heat

Dry Stage:

- Heated dry module with 4 adjustable overhead air knives and 3 fixed bottom air knives
- 72" long, insulated canopy, 108" overall (when stand-alone module)
- 10 HP centrifugal blower, 1,900 CFM / 48 kW electric heat
- Up to 90% of the air is re-circulated to conserve energy and avoid air blow-out

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