



**CINCINNATI**  
INDUSTRIAL MACHINERY

Food & Beverage

# Can Washers

**Leading the can washing industry since 1965**

Cincinnati Industrial Machinery is the pioneer in two-piece aluminum and steel can processing technology. CIM has installed more than 450 can processing machines world-wide. As the world's most experienced manufacturer of can washers, wash coaters, ovens and dryers, we can provide your company with the options you need to match the custom conditions of any can line. Our experienced engineers and industrial designers are responsible for the major advancements in can washing and drying found in today's machines throughout the industry. By combining internal and external can curing technologies, we provide you with the competitive advantage that cannot be found anywhere else.

- Washers range in capability from 1,000 to 6,000 cans per minute
- OEM parts, service, and outstanding warranty
- 24/7 continuous equipment operation
- Experience working with world-wide Fortune100 customers



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A Subsidiary of The Armor Group, Inc.



# The Phoenix Solution

## Specifications

### Production Capacity

Up to 6,000 CPM

### Tin Line Height

5 to 6ft. (1,525 to 1,830 mm)

### Belt Width

4 to 8ft. ( 1,220 to 2,440 mm)

### Can Sizes

(Dia. x Ht.) 200 to 307 x 306 to 900

### Pack Density

95%

### Uptime Run Rate

99%

### Spoilage Rate

0.1%

## Cleaning Process

Pre-rinse, Pre-wash, D.O. #1, Rinse #1, Treatment, D.O. #2, D.I. Rinse & M.E. with optional split rinses

## Operator Friendly

Single point quick adjust blow-offs, hold-downs & vacuum transfer

## Money Saving Features

- Insulated hot water supply & return mains
- Water conserving backflows
- Interstage blow-off's
- Multiple drag out stages
- Entrance & wash stage moisture eliminators
- Variable process control (Pre-wash, Wash, Treatment & Backflows)
- Pre-wash & wash stage coalescers
- M.E. stage foam suppression
- Belt suction devices with moisture eliminating media
- VFD's on all pumps, blowers & conveyors
- Pre-wash, Wash and Treatment tank insulation
- CIM-Chem chemical control system

## Pumps

ANSI & ISO horizontal or vertical multi-stage

## Voltages

380-480 v/3 Ph/50, 60 Hz

## Maintenance Friendly

- Quarter turn quick release riser couplings
- Direct drive blowers
- Split roof housing access panels
- Patented quarter turn spray nozzle assembly
- Washer roof mounted exhausters
- Standby treatment heat exchanger
- Remote motor disconnects
- Washer housing handrail and ladder
- Trip free housing roof

## Heat

Externally mounted plate & frame hot water heat exchanges

## Controls Scheme

Allen-Bradley or Siemens PLC & HMI

## Regulations

C.E. / OSHA / CCC compliant

## The CIM Advantage

- Leverages "Green Features" which reduce overall cost of ownership
- Standard washer processes the full range of 2-piece aluminum cans
- Quickest changeover time in the industry (patent pending)
- In-house engineering and manufacturing capability to customize to exact needs & specifications
- Endless optional features include filtration, chlorinators, coalescers, and chemical control systems
- Industry proven long term reliability
- Largest installed customer base
- Expertise and experience  
In business since 1965
- Operations in Mason, Ohio USA and Shanghai, China
- Complete line of 2 piece container equipment including washers, dryers, pin ovens & IBO's (We can offer a complete washer, dryer and oven package solution)
- Redesigned shipping splits and pump skid leveling eases reassembly process
- Comprehensive 10 year warranty

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