# CODI
**CRAFT CANNING SYSTEM**

## COUNTER PRESSURE TECHNOLOGY
# CCL-45 FILLER
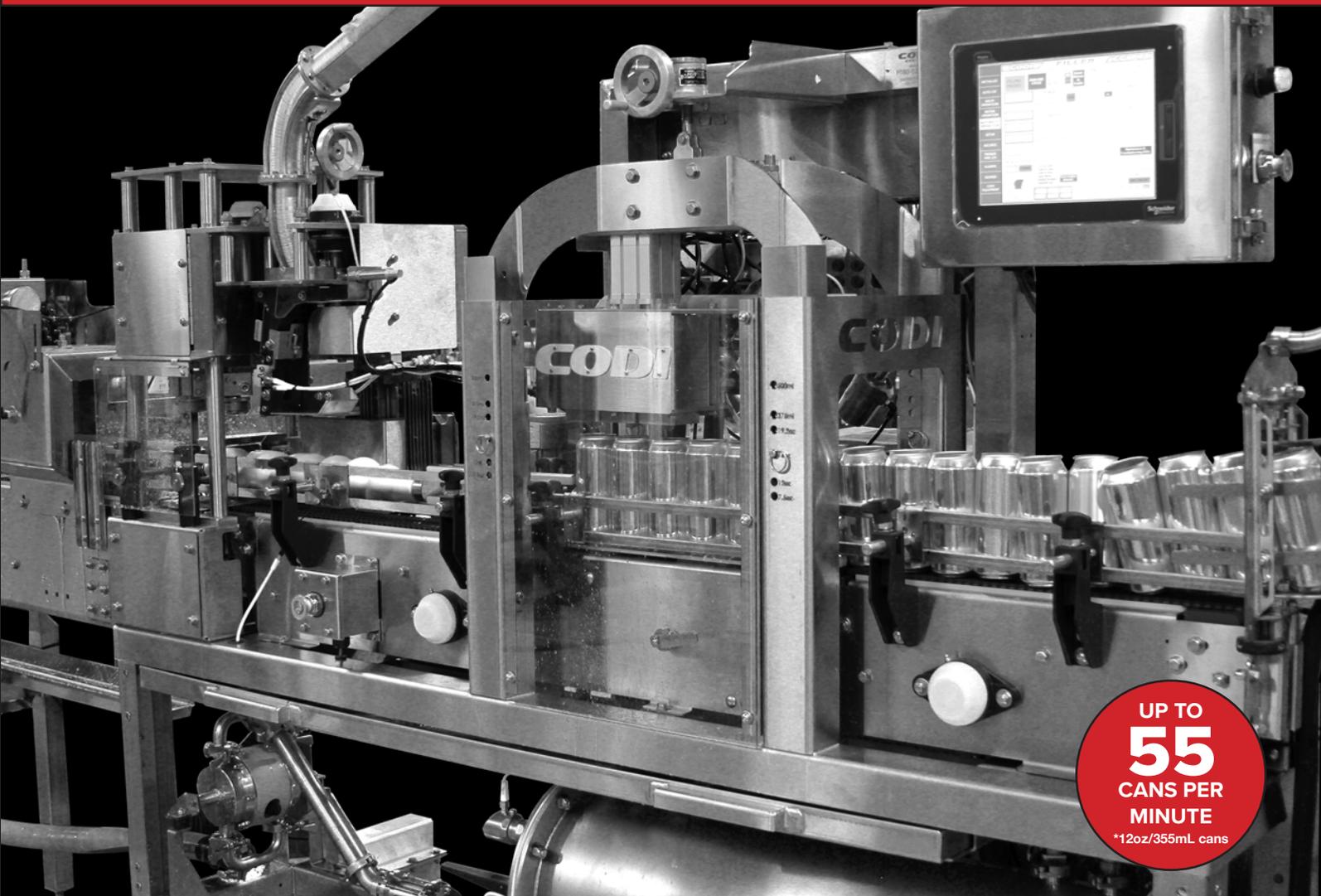


**UP TO
55
CANS PER
MINUTE**
*12oz/355mL cans

## COMPLETE CONTROL THROUGHOUT
## THE FILL PROCESS Limit oxygen absorption, reduce beer loss, and fill cans under a wider range of temperatures and carbonation levels.

# CCL-45 FILLER   AVAILABLE WITH 3 OR 6 FILL HEADS

## FILL SPEEDS*   12oz cans

|  | 3 Head | 6 Head |
|---|---|---|
| *CPM* | 30 | 55 |
| *CPH* | 1800 | 3300 |
| *BBLs/hr* | 5.5 | 10 |
| *HLs/hr* | 6.5 | 11.7 |
| *Case/hr* | 75 | 137 |

*speeds under ideal conditions

## SPECIFICATIONS

| | |
|---|---|
| **Dimensions** *(L x W x H)* | 84" x 34" x 70" inches (2134 x 864 x 1778mm) |
| **Weight** | 1300 lbs (590 kgs) |
| **Power** | 208-240V, 3 phase, 50/60 Hz - 27Amps -OR- 380-500V, 3 phase, 50/60Hz - 13 Amps (with upcharge) |
| **Air** | 11CFM @110PSI |
| **CO$_2$** | 35lbs/10 Barrels of 12oz canned product |

## COUNTER PRESSURE IS BETTER
Fill under a wider range of temperatures and carbonation levels while controlling flow, pressure, and release.

## CONSISTENT SEAMS EVERY TIME
Our all mechanical seamer is easy to adjust and maintains consistent seams for extended canning runs.

## EASY AND COMPLETE CLEANING
Stainless steel construction, wash down (3A) rated components, and bi-di-rectional flow make cleaning quick and easy.

## KEY FEATURES
- 304 stainless steel construction compatible with steam, foam and caustic cleaning
- TACT style cleaning compatible with a closed CIP system for increased contact time
- 13" touchscreen HMI provides full control over fill rates, tank pressure, settle time, and snift rates
- Optional remote control of the filler from a phone or tablet
- Regulate and change purge cycles on the fly
- Built in buffer tank pressurizes liquid with CO$_2$ prior to filling to keep CO$_2$ in solution
- Post fill to seam foam management with controlled pressure release
- CO$_2$ monitoring throughout the fill process
- Audible and visual alerts
- Cam driven seaming operations for consistent seals every time
- Integrated sensors monitoring stacked lids/lid drop
- Widget can ready: control pre-purges and fill levels per the can maker requirements
- Quick adjustments between different can sizes
- Compact footprint with optional mobility

# UPGRADES & ACCESSORIES

### CO₂ PRE-PURGE
**Dissolved Oxygen Mitigation**
- Dispenses $CO_2$ into empty cans immediately before entering the filler
- Prevents oxygen absorption
- Maximizes filler speed

### CO₂ TUNNEL
**Dissolved Oxygen Mitigation**
- Creates a $CO_2$ rich environment between the filler and seamer to keep oxygen out
- CO2 cycles controlled from the filler HMI
- Flow rate is controlled manually by a valve

### FILL HEAD DRIP TRAY
**Dissolved Oxygen Mitigation**
- Catch excess liquid left on fill heads to prevent oxygen absorption
- Slides under fill heads between cycles of cans
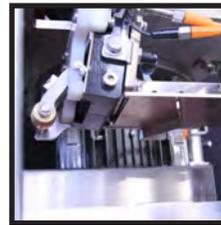
### CO₂ BLANKET
**Dissolved Oxygen Mitigation**
- Dispenses $CO_2$ over the foam cap just before entering the seamer
- Prevents oxygen absorption
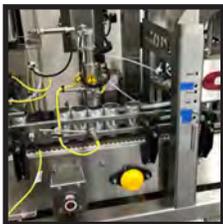
### NITRO DOSER
**Non Carbonated Beverages**
- Jet liquid nitrogen into cans
- Displaces oxygen in head space
- Pressurizes cans for non-carbonated beverages

### FOAM JETTER
**Beverages with Dissipating Foam**
- Injects small amount of hot water into beverage just before the seamer
- Forces foam cap formation
- Prevents oxygen absorption

### CHANGE PARTS
**Product Differentiation**
- Add can sizes to your product lineup
- Fill different can sizes on one machine
- Standard, sleek, and slim change parts available

### 3-6 HEAD UPGRADE
**Increase Speed**
- Grow your business
- Fill more cans faster
- Add 3 additional fill heads

### CE GUARDING
**Safety**
- Full filler enclosure
- Protect operators from moving parts
- Required in many European countries

### LUBRICATION SYSTEM
**Increase Performance**
- Recommended for shrink sleeve and matte finished cans for smooth can handling
- Dispenses lubricant on feed screws

### REMOTE ACCESS
**Increase Performance**
- Control the filler from a phone or tablet with a downloadable app
- Gain freedom to move around the canning line while accessing all the same controls available through the HMI

### ROPP INTEGRATION
**Product Differentiation**
- Fill bottle cans and feed an ROPP bottle capping system
- Bypass the seamer when filling ROPP cans
- Alternatively, the filler is available without a seamer for a reduced cost