

CODI

CRAFT CANNING SYSTEM

DEPALLETIZERS



**AUTOMATE THE MOVEMENT OF CANS
FROM PALLET TO PACKAGING LINE**

Reduce labor costs, increase line speed, and improve quality with the addition of a depalletizer.

**3 MODELS
AVAILABLE**

**UP TO
1000
CANS PER
MINUTE**

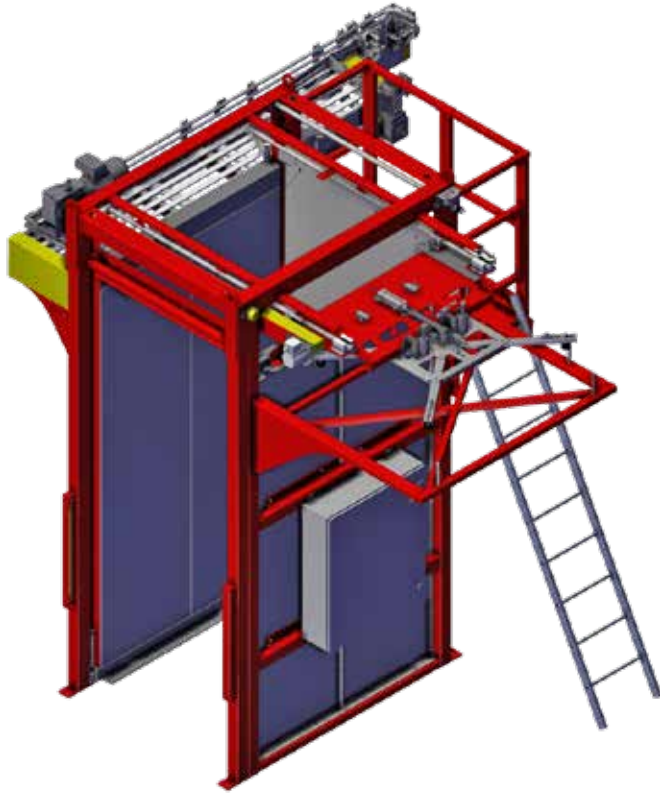
**WORKS
WITH ANY
CAN SIZE**

CONTACT US TODAY!

CODIMFG.COM | sales@codimfg.com | (303) 277-1542

DPL-250

OUR BEST SELLING DEPALLETZER



SPECIFICATIONS

Dimensions (L x W x H)	73" x 121" x 130" inches (1855 x 3074 x 3302mm)
Weight	2700 lbs (1225 kgs)
Power	208-240V, 3 phase
Air	5CFM @110PSI
Capacity	up to 250 CPM

KEY FEATURES

- Multiple configurations and custom heights to accommodate your packaging line layout
- Includes a Single Filer Conveyor with multi-angle transfer plate for connecting to a Twist Rinse, Lowerator, or Vacuum Rinsers
- Carbon steel structure with 3 sided enclosure
- Superior quality motors and gearboxes with food grade bearings
- Integrated Chain Lifting System automatically elevates cans to the next layer
- Side driven sweep arm and locking hardware keeps cans clean during operation
- Safety locks to keep components from crashing down in the event of a power failure
- Light curtain safety feature at pallet infeed and on platform
- PLC with touchscreen HMI for
- Optional remote access from a phone or tablet
- Three VFDs for speed flexibility
 - Hoist VFD: control rise and decent of pallets
 - Sweep VFD: control pushing of cans onto the single filer
 - Single Filer VFD: control speed of cans feeding into the track
- Pneumatic slip sheet removal
- OPTIONAL UPGRADES
 - Birdsnest platform with ladder to view and access the top of the DPL
 - Bead rail for shrink sleeve cans
 - Secondary HMI on the platform
 - Conveying bump out for easy date coding
 - Flat rack for slip sheet collection & storage
 - Vertical slip sheet collection rack



INFINITE CAN SIZES

A positive position lift makes the depalletizer compatible with any size can. Change can height with the touch of a button.



SIMPLE TOUCHSCREEN CONTROLS

Hoist, sweep, and single filer operations are adjusted from the control center mounted to the side of your choosing.



CUSTOMIZE YOUR COLOR

The carbon steel frame will be powder coated in the color of your choice. Match the depalletizer to your brand, your building, or your brewery.



SPECIFICATIONS

Dimensions (L x W x H)	253" x 70" x 192" inches (6427 x 1778 x 4877mm)
Weight	3500 lbs (1588 kgs)
Power	208-240V, 3 phase, 33Amps
Air	8CFM @110PSI
Speed	up to 500 CPM (higher with upgrades)

KEY FEATURES

ALL OF THE GREAT FEATURES FROM THE DPL-250 PLUS...

- STAGING AREA FOR A SINGLE PALLET allows for a continuous feed of cans into the canning line without re-loading.
- AUTOMATED PALLET INFEED: the staged pallet is automatically loaded into the depalletizer when the previous pallet is emptied
- AUTOMATED EMPTY PALLET DISCHARGE for a single pallet
- TOP PICTURE FRAME REMOVAL: Just cut the straps on the pallet and let the DPL-500 take care of the rest.
- FULL TOP LAYER SWEEP: the entire layer of containers is swept onto the conveyor: only available with a mass conveyor
- INCREASED SLIP SHEET ACCUMULATION: stack more slip sheets for return to the can maker
- LARGER TOUCHSCREEN CONTROLS
- MASS CONVEYOR DISCHARGE AREA into a single filer

OPTIONAL UPGRADES



IMPROVE SAFETY

- Pneumatic powered automatic safety doors
- Light curtain safety fence
- Platform light curtain safety fence



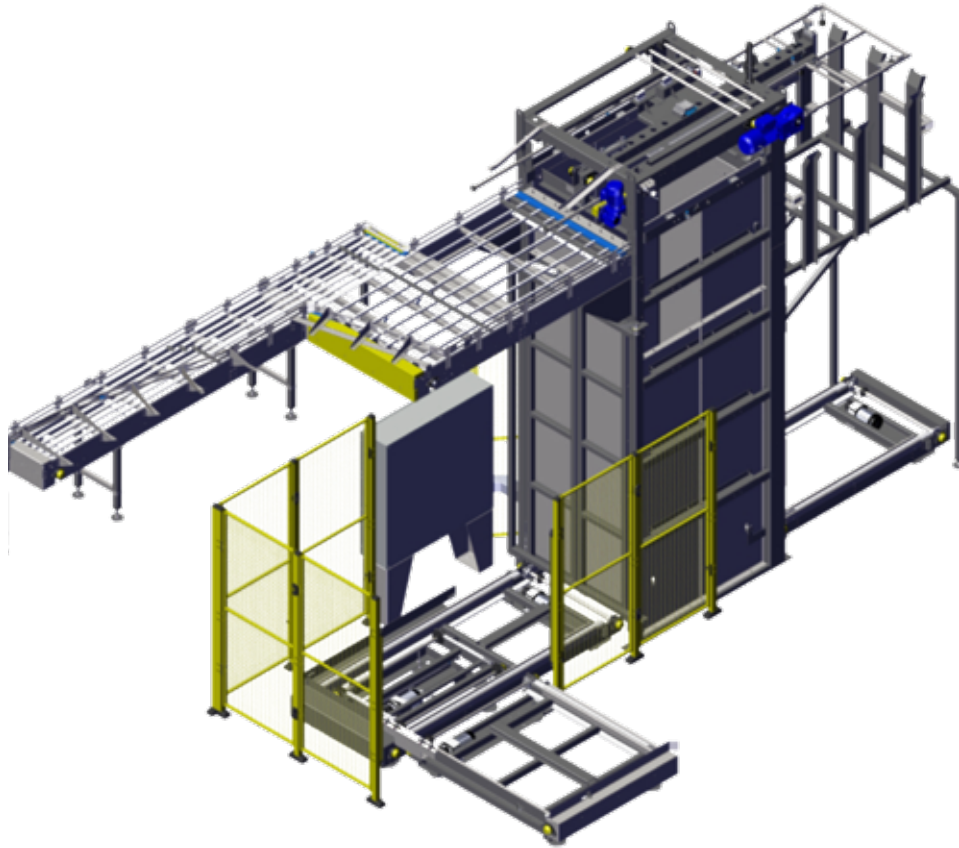
INCREASE SPEED

- Double pallet staging area
- Double pallet discharge area



ADD AUTOMATION

- Automatic pallet stacking
- Can pack control for extra smooth sweeping



THE ULTIMATE DEPALLETER

ALL OF THE GREAT FEATURES FROM THE DPL-250 & THE DPL-500 PLUS...




- **DOUBLE PALLET STAGING AREA:** move more cans faster
- **DOUBLE EMPTY PALLET DISCHARGE AREA:** allows staff to focus on canning the beverage
- **AUTOMATIC EMPTY PALLET STACKING**
- **AUTOMATIC SAFETY DOORS:** doors close around cans for added safety
- **GROUND LEVEL SAFETY FENCE:** a mesh fence with a light curtain detects any obstructions at the pallet infeed and discharge areas.
- **PLATFORM SAFETY FENCE:** a light curtain on the platform detects obstructions and stops operation for increased safety
- **CAN PACK CONTROL DURING SWEEPING:** added protection to keep cans from tipping during can layer sweep

SPECIFICATIONS

Dimensions (L x W x H)	256" x 119" x 200" inches (6503 x 3023 x 5080mm)
Weight	4500 lbs (2042 kgs)
Power	208-240V, 3 phase, 35 Amps
Air	8CFM @110PSI
Capacity	up to 1000 CPM (under ideal conditions)



DPL COMPARISON

Included 
 Optional 
 Unavailable 

Features	DPL 250	DPL 500	DPL 1000
Speed	up to 250 CPM (15,000 CPH)	based on features	up to 1000 CPM (60,000 CPH)
Multiple layout configurations available	Included	Included	Included
Custom heights available	Included	Included	Included
Connects with Twist Rinse or Lowerator	Included	Included	Included
Accommodates infinite can sizes with positive position lift	Included	Included	Included
Integrated chain lifting system to elevate cans automatically to next layer	Included	Included	Included
Side driven sweep arm: no open threads above open cans	Included	Included	Included
Carbon steel construction powder coated to customer specification	Included	Included	Included
Schneider PLC Controller with HMI Screen	Included	Included	Included
Hoist VFD: control rapid raise and decent of shorter pallets	Included	Included	Included
Sweep VFD: control speed of cans pushing onto the Single Filer	Included	Included	Included
Single Filer VFD: control speed of cans feeding into the track	Included	Included	Included
Complete control over speed settings	Included	Included	Included
Pneumatic slip sheet removal and flat storage rack for return to can maker	Included	Included	Included
Motors and gearboxes	Included	Included	Included
Food grade bearings: polymer with SST Bearing	Included	Included	Included
Lock washers and nyloc nuts on hardware	Included	Included	Included
Single Filer multiple belt conveyor with multi-angle track transfer plate (9ft)	Included	Included	Unavailable
Slip sheet grippers	Included	Included	Included
Communication with Codi filler	Included	Included	Included
Single full pallet staging area for auto infeed	Unavailable	Included	Unavailable
Automatic single empty pallet discharge conveyor	Unavailable	Included	Included
Full top layer sweep onto conveyor (only with large mass conveyor)	Unavailable	Included	Included
Top picture frame removal	Unavailable	Included	Included
Increased slip sheet accumulation stack	Unavailable	Included	Included
Powered pallet infeed	Unavailable	Included	Included
Operator touchscreen interface	Unavailable	Included	Included
Double full pallet staging area for auto infeed	Unavailable	Optional	Included
Automatic double empty pallet discharge conveyor	Unavailable	Optional	Included
Empty pallet stacking	Unavailable	Optional	Included
Automatic safety doors: pneumatic power	Unavailable	Optional	Included
Ground level safety fence with light curtains	Unavailable	Optional	Included
Platform safety fence with light curtains	Unavailable	Optional	Included
Can pack control during sweeping	Unavailable	Optional	Included
Birds nest platform	Optional	customer sources locally	
380/460V- available for upcharge	Optional	Optional	Optional
Secondary HMI- control the depal from the platform	Optional	Optional	Optional
Can and bulk glass upgrade - half pallet glass only	Optional	Optional	Optional
Single Filer bead rail (Rec for shrink sleeve and matte finish cans)	Optional	Optional	Optional
Flat slip sheet collection rack	Optional	Optional	Optional
Vertical slip sheet collection rack	Optional	Optional	Optional

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