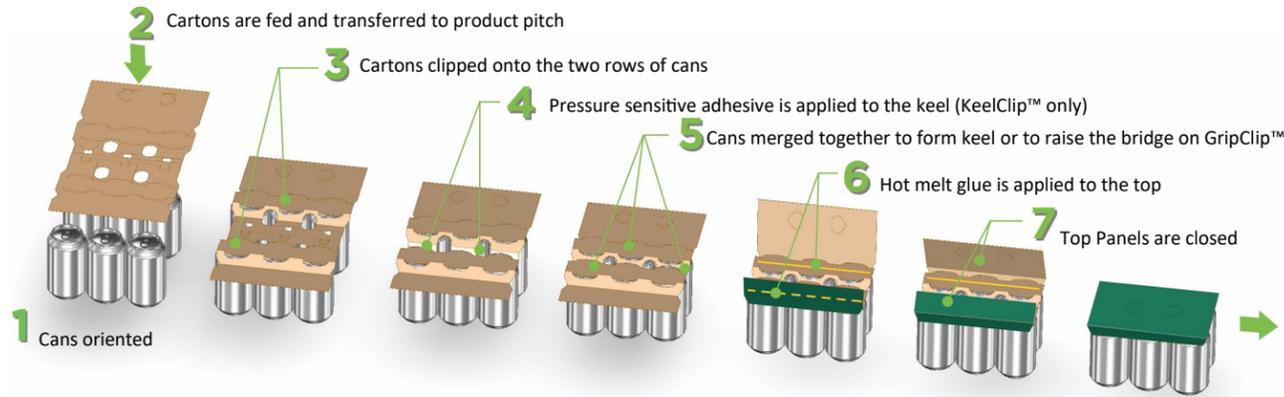


**KeelClip™** **GripClip™**

## SEQUENCE OF OPERATION



Can orientation system offers a choice of product orientation patterns that maximizes branding and obscures UPC codes. (Keel and ECO only)



**SIDEWARD FACING**

**SIDE AND END FACING**

**BILLBOARD EFFECT**

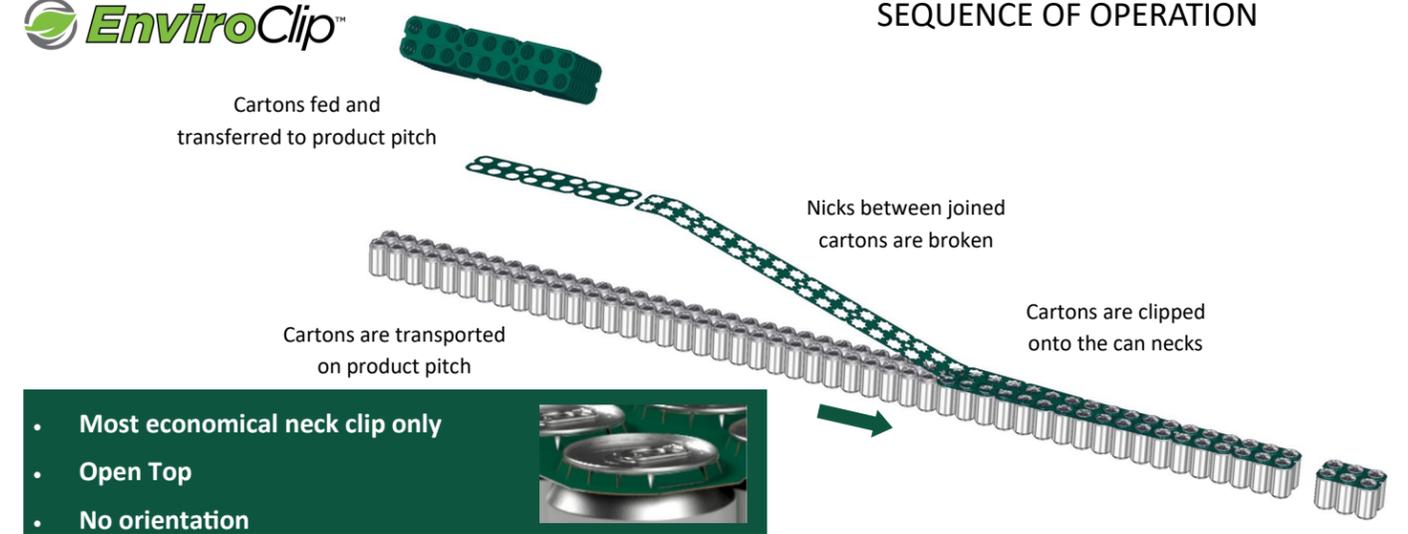
## Turn / Divide / (Reject) Options

WIDE LEADING TRAY PATTERN		
KEELCLIP DISCHARGE	TURN	DIVIDE
2 X 2		
2 X 3		
2 X 4		
2 X 5		

NARROW SIDE LEADING TRAY PATTERN		
KEELCLIP DISCHARGE	TURN	DIVIDE
2 X 2		
2 X 3		
2 X 4		
2 X 5		

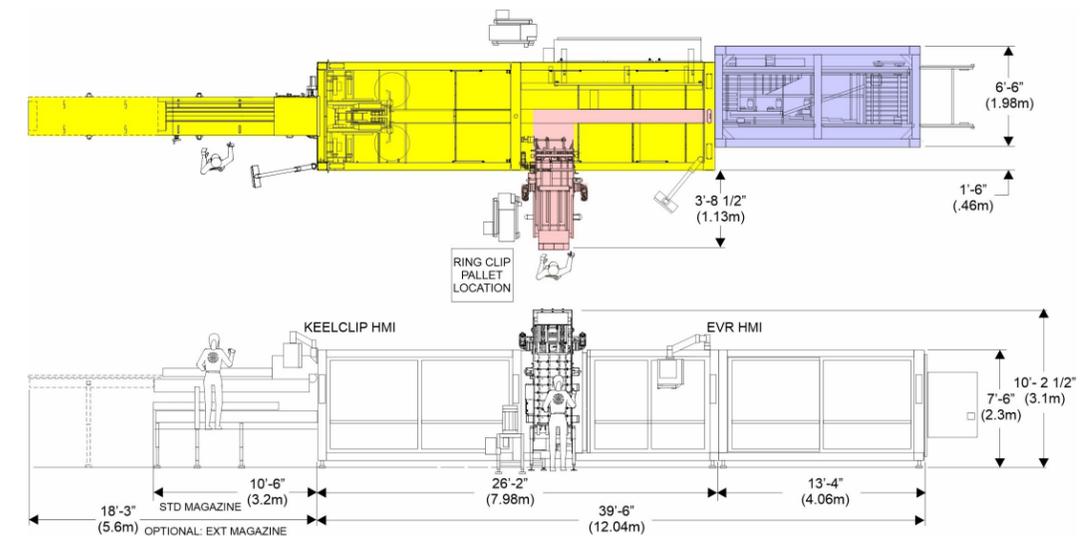
**EnviroClip™**

## SEQUENCE OF OPERATION



- Most economical neck clip only
- Open Top
- No orientation

Diameters 2.09" (53mm) / 2.83" (58mm) / 2.6" (66mm) 4/6/8 Packs (10 pack 53mm Dia only)			66mm 4 / 6 / 8 Packs
<b>KeelClip PREMIUM</b>	<b>KeelClip ECO</b>	<b>GripClip™</b>	<b>EnviroClip™</b>
Full Keel	Shorter Keel	No keel, Top Bridge	Neck Clip Only
PSA keel glue 2 lines	PSA keel glue 1 line	None	No glue
Hotmelt on top flaps	Hotmelt on top flaps	Hotmelt on top flaps	No glue
Vertical side panels	Tapered side panels	Tapered side panels	Flat clip
Orientation	Orientation	No orientation	No orientation
Top of the line premium package	Economy version premium package	Premium package w/o keel	Most economical neck clip only
	Clean Top		Open Top
	53, 58, 66mm dia		66mm dia



# ClipCombo™ For Beverage Cans

The ClipCombo™ Keel Enviro beverage can clip packaging system offers a full range of plastic replacement clip solutions for high speed beverage lines to meet a variety of marketing and

## Machine Highlights

### No Tool Changeover

- Our toolless changeover technology is quick, simple and repeatable; eliminating time-consuming fine tuning.
- Graphic Packaging's tablet with changeover checklist and video help enable changeover times of 10 to 20 minutes depending upon product size or format change

### Frame

- Heavy duty welded tubular painted steel frame with corrosion resistant components

### Guards

- Full height, clear visibility, sliding guard doors providing easy walk-in

### Machine Features (Optional)

- Turn/divide into 4 or 6 wide leading patterns

### Predictive Maintenance Program (PMP)

- Let us manage your machine maintenance with our market-proven PMP program

### Specifications

#### Vacuum

- Venturi vacuum generator

#### Main Drive Motors

- Full servo drive machine

#### Changeover Method

### Standard Machine Elevation

43.5" +/-2" (110m +/- 50mm)

### Machine Weight

Approx. 28,000 (12,700 kg)

### Electrical

- Control Voltage: 460 VDC
- Supply Voltage: 400/460 VAC, Three Phase 50/60 HZ

### Air Requirements

- 80 psi, (5.5 bar-16 m3/H) clean/dry air supply required (equivalent to class 3 or better).
- 9.5 SCFM

### Machine Features for the EnviroClip™ Pack (Standard)

- Product pitched can transport belts
- Secondary motion rotary clip feeder
- Side transfer paperfeed into a product belt
- Change part nick breakers for 4-,6-,and 8-packs
- Unique clipping belt system
- Servo main drive motors
- 15" color touchscreen
- Automatic prime and clean-out features

### Specifications

#### ECR Packaging Configuration/Speed

Format / Line / Surge	Speed
2x2	350 ppm / 400 ppm
2x3	350 ppm / 400 ppm
2x4	250 ppm / 300 ppm

#### Primary Containers

66 mm diameter / 202 lid beverage cans

### Machine Features—KeelClip™ / GripClip™

#### Standard

- Product orientation turrets. One per lane to orient cans ( Keel and ECO only)
- Integrated turner divider reject system
- Glue detection
- 10ft (3.2m) standard magazine
- Approx. 4500 carton capacity
- 10ft (3m) laned product infeed conveyor
- Segment wheel feeder
- IQ Tablet with changeover checklist and complete parts manual with videos
- 15" color touchscreen in rolling HMI enclosure

#### Glue

PSA keel glue and hot melt GripClip™ (hot melt only)

#### Changeover Time

(Single operator-estimated)  
 12 minutes format change  
 12 minutes for keel depth change  
 15 minutes can height change  
 10 minutes new can graphics  
 47 minute diameter change

#### Primary Container Size Ranges

2-piece beverage cans only

### EnviroClip™ and KeelClip™ Pack Configurations

ECR (66 only)			
66mm	4pk	6pk	8pk
58mm	4pk	6pk	8pk
53mm	4pk	6pk	8pk
KCECR (53,58 & 66)			
KEECCR (53,58 & 66)			

### Speed / Pitches

Operates at speeds up to:  
Format / Line / Surge  
 2x2 350ppm 400ppm

### Machine Options

# ClipCombo™ For Beverage Cans



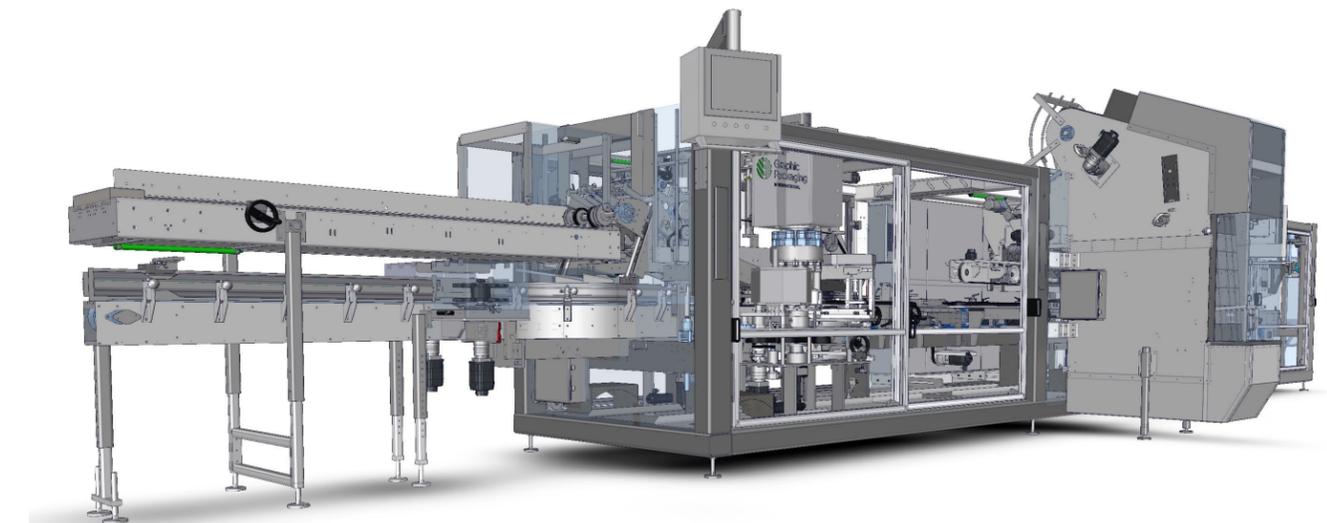
OR



OR



PLUS



**A full range of plastic replacement clip solutions for high speed beverage lines to meet a variety of marketing and**