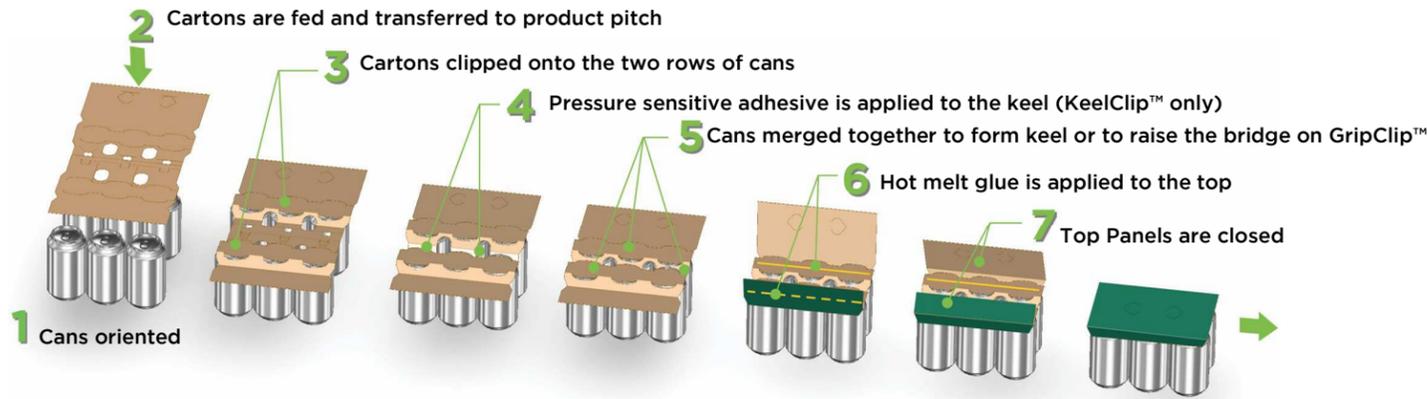


KeelClip™ **GripClip™**

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

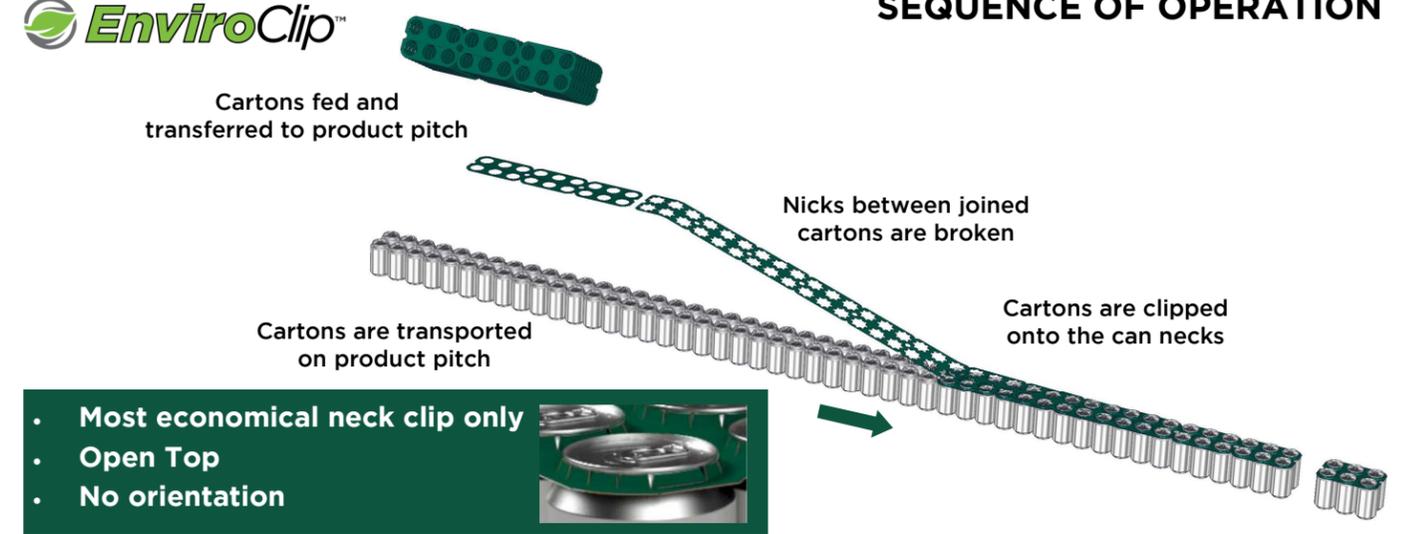
Turn / Divide / (Reject) Options

WIDE LEADING TRAY PATTERN		
KEELCLIP DISCHARGE	TURN	DIVIDE
2 X 2	→	↔
2 X 3	↪	↖
2 X 4	→	↔
2 X 5	↪	→

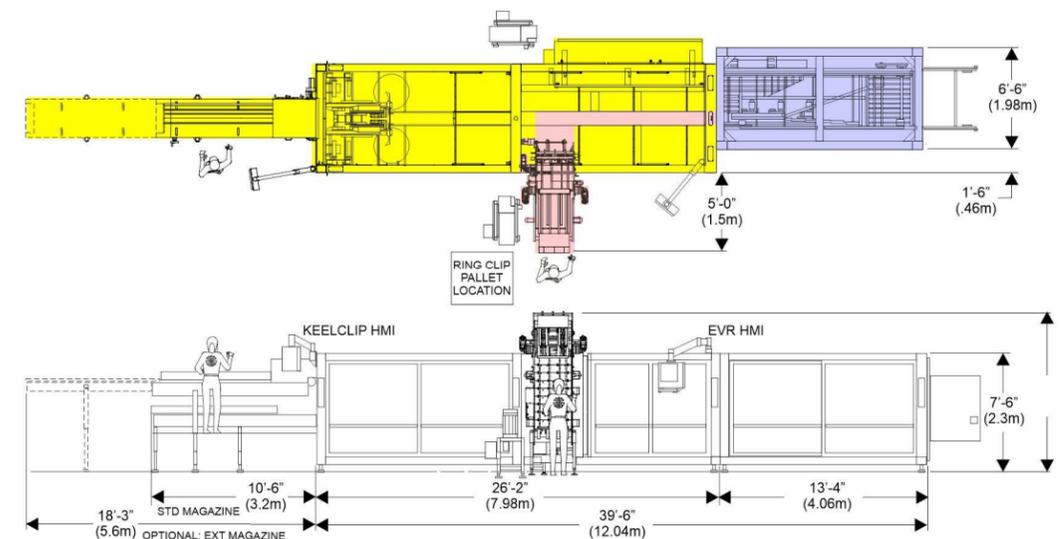
NARROW SIDE LEADING TRAY PATTERN		
KEELCLIP DISCHARGE	TURN	DIVIDE
2 X 2	→	↖
2 X 3	→	↖
2 X 4	↪	→
2 X 5	→	↖

EnviroClip™

SEQUENCE OF OPERATION



Diameters 2.09" (53mm) / 2.83" (58mm) / 2.6" (66mm) 4/6/8 Packs (10 pack 53mm Dia only)			66mm 4 / 6 / 8 Packs
KeelClip™ PREMIUM	KeelClip™ ECO	GripClip™	EnviroClip™
Premium Full Keel	Eco Shorter Keel	GripClip™ No keel, Top Bridge	EnviroClip™ 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 distribution requirements.

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 access to the machine

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

- No-tool repeatable changeovers
- Change parts required for diameter change

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

Lubrication

- Lubricant-free — sealed bearings

Machine Features—EnviroClip™ (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
- Internal colored LED lighting

Specifications

ECR Packaging Configuration/Speed

Format / Line / Surge	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 with videos and complete parts manual
- 15" color touchscreen in rolling HMI enclosure

Machine Options

- 15ft/4.5m extended magazine
- Approximately 9000 carton capacity

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
 Min diameter: 2.09" (53mm)
 Max diameter: 2.6" (66mm)
 Min height : 3.4" (88.5mm)
 Max height: 7.44" (189mm)

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)		
	GCECR (53,58 & 66)		

Speed / Pitches

Operates at speeds up to:
 Format / Line / Surge
 2x2 350ppm 400ppm
 2x3 330ppm 350ppm
 2x4 240ppm 260ppm

ClipCombo™ For Beverage Cans



KEEL | ENVIRO



OR



ECO | ENVIRO



OR



GRIP | ENVIRO



PLUS



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