MARKSMAN™ X5 PACKAGING SYSTEMS

Common Features/Specifications

Standard
- GPI standard lock
- Venturi vacuum generator
- Automatic oil system with low level alarm
- 9 ft (3m) 5,000 carton powered magazine
- Market proven feeder chosen per carton styles to be run
- Basic feeder is market proven segment wheel feeder mounted above product infeed / selector

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

Guards
- Full height, clear sliding guard doors providing easy walk-in access to the machine functions for changeover and maintenance.

Optional
- Powered magazines with capacities for 10,000 cartons
- Lock inspection w/wo pack reject
- Rotary vane vacuum pump (dual pumps on rotary feeders)
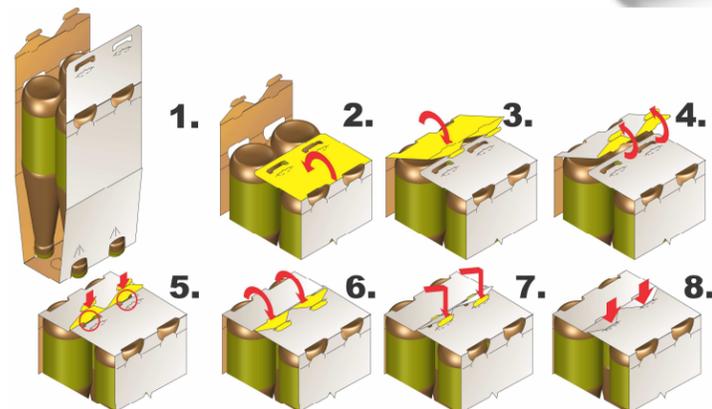
Optional Features:
Single/dual Lane, Ad-Panel, Bottle Guard, Full Tuck Ad-Panel, Handle Wrap, Bar Code Cover, Fully Enclosed End Panels.

Speed/Available Pitches
Operates at speeds up to:

Pitch	Line	Surge
10"	250ppm	300ppm (common)
12 1/2"	200ppm	240ppm
15"	166ppm	200ppm
10"-20"	100ppm	120ppm on 20"

GPI Rigid Lock Sequence

Specifications

Standard Machine Elevation
41-3/8" +/- 2" (1050mm +/-50mm)

Air Requirements
80psi - 11 CFM
(6 bar - 18.7 m3/h)

Electrical
400/460 VAC
50/60 Hz

Main Drive Motors
Servo Drive

Package Closing System
- GPI Lock System
- Tab Locker Module
- Top/Bottom Gusset Module

Ancillary Equipment
Turner / Divider / Reject units

Changeover
Due to the tremendous flexibility of the Marksman X5, changeover times are affected by the differential in product and pack sizes and styles, and how many areas of the machine are affected.

Common pack style and sizes fit into the following time frames:
30 minutes (format change)
45 minutes (product and format change)

Primary Container Size Ranges
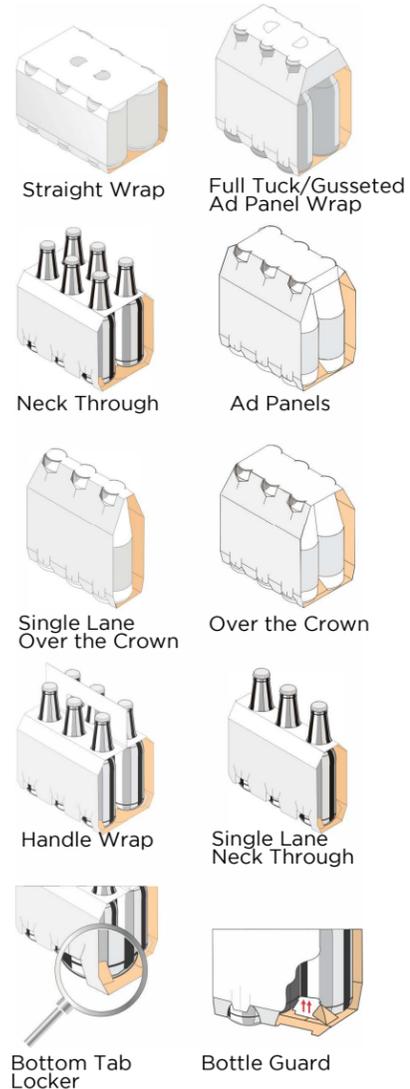Bottles, glass and plastic,
Cans (2 piece and 3 piece)

Diameter: 1.69" (43mm) to 2.95" (75mm)
Height: 5" (127mm) to 11.81" (300mm)

Pack Formats
Standard: 1x2, 1x3, 2x2, 2x3
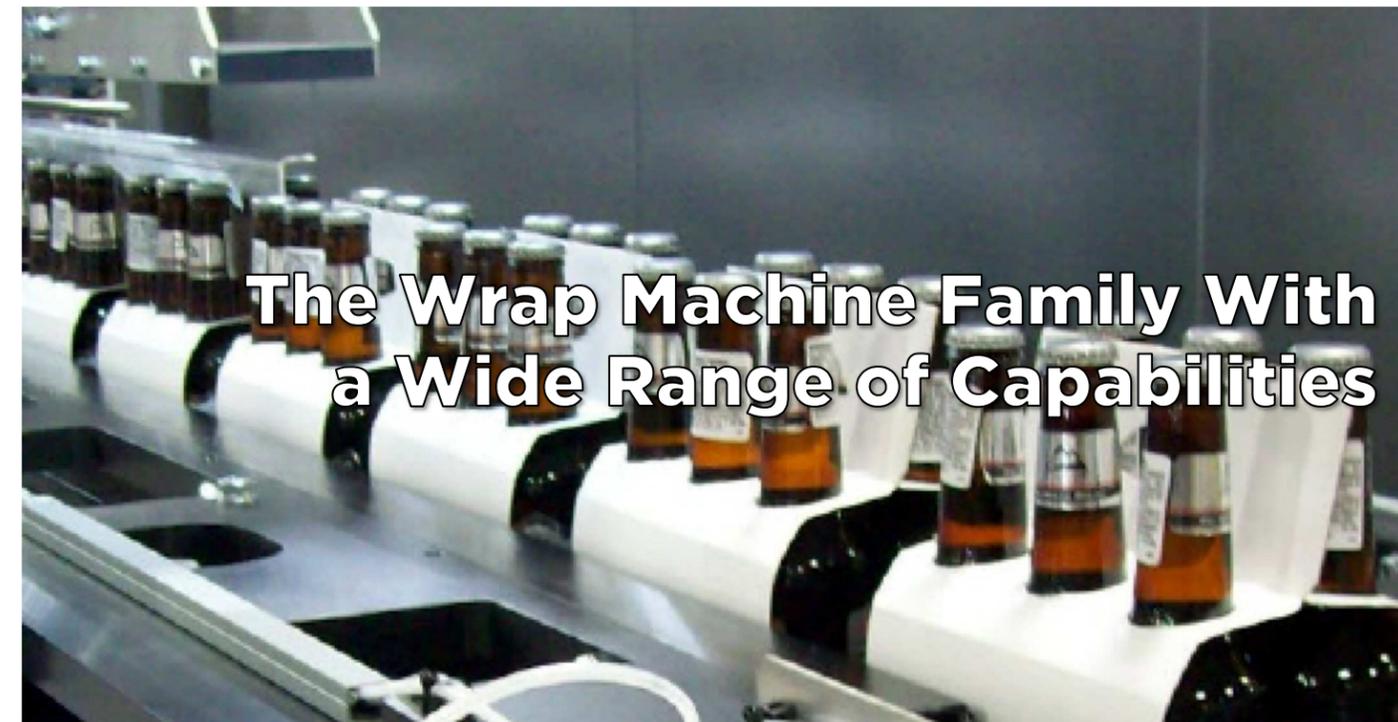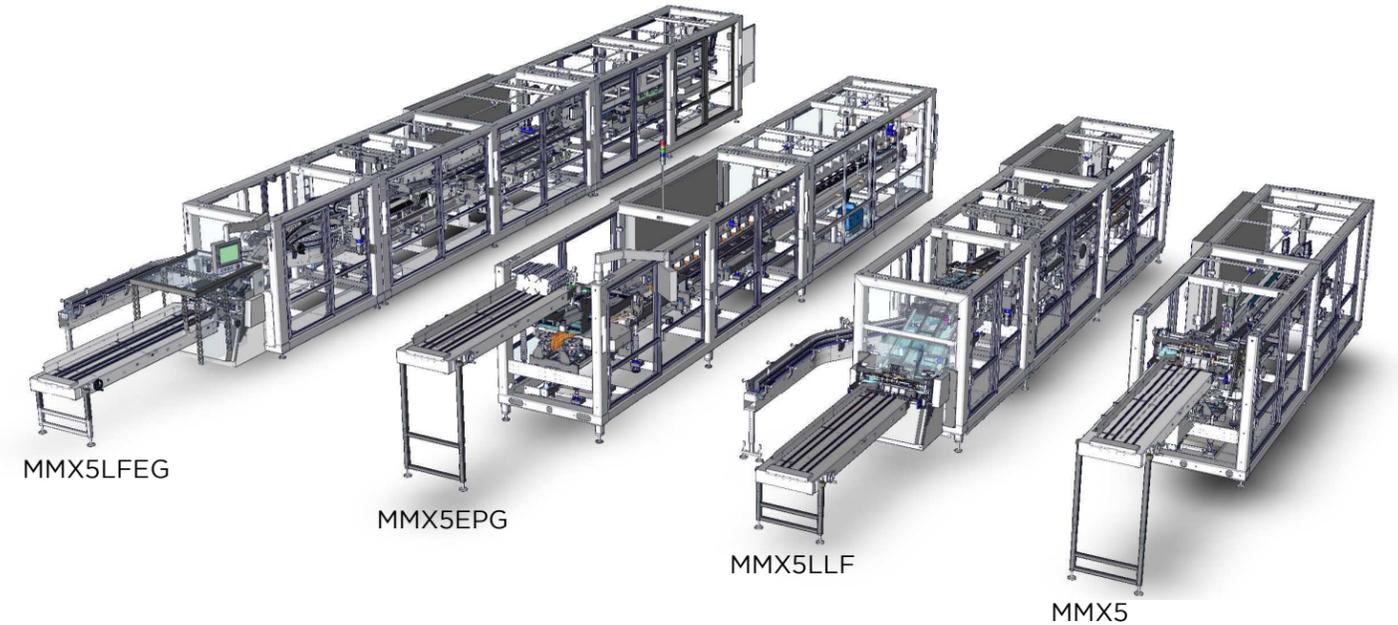Optional: 1x4, 1x5, 1x6 2x4, 2x5, 2x6

Package Styles
Basic capabilities include standard over-the-crown or neck-through wraps

Straight Wrap

Full Tuck/Gusseted Ad Panel Wrap

Neck Through

Ad Panels

Single Lane Over the Crown

Over the Crown

Handle Wrap

Single Lane Neck Through

Bottom Tab Locker

Bottle Guard

MARKSMAN™ X5

Family of High-Speed Wrap Carton Packaging Systems

MMX5LFEG

MMX5EPG

MMX5LLF

MMX5

The Wrap Machine Family With a Wide Range of Capabilities

Please visit our website at
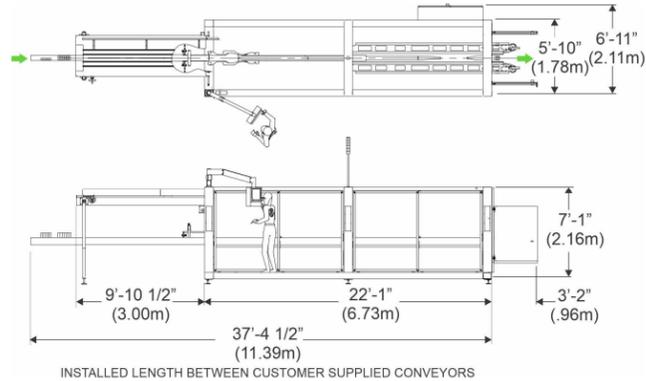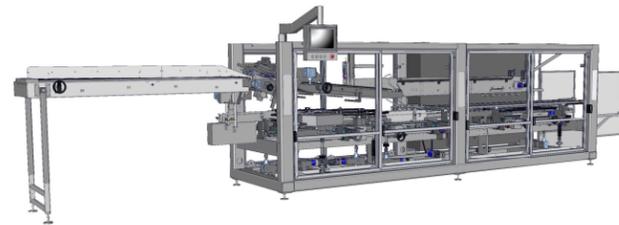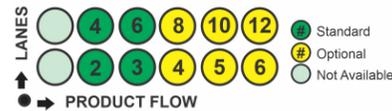**graphicpkg.com**
for more information.

GPI02222023

MARKSMAN™X5

The Marksman™X5 is the preeminent wrap packaging machine for glass bottles. The capabilities, flexibility and performance this machine offers is unequaled in the market. While focused on glass bottles, the machine can also run plastic bottles and metal cans or bottles.

Machine Weight
Approx. 16,000lbs (7,300kg)
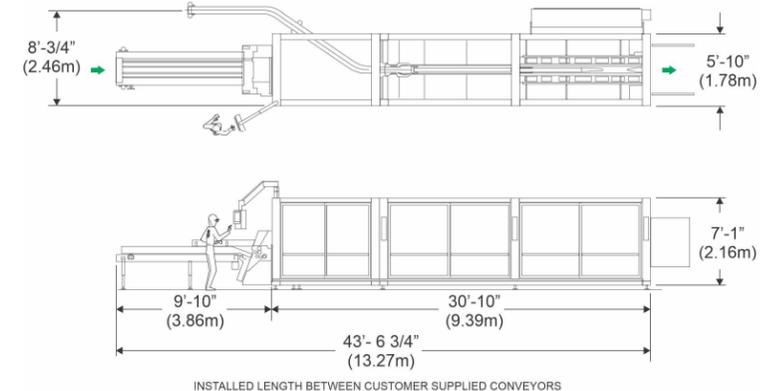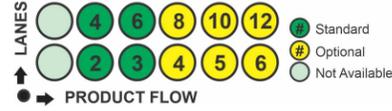
Pack Configuration

MMX5

- Standard
- Optional
- Not Available

PRODUCT FLOW

6'-11" (2.11m)
5'-10" (1.78m)
7'-1" (2.16m)
9'-10 1/2" (3.00m)
22'-1" (6.73m)
3'-2" (.96m)
37'-4 1/2" (11.39m)

INSTALLED LENGTH BETWEEN CUSTOMER SUPPLIED CONVEYORS

MARKSMAN™X5LLF

This variant of the Marksman™X5 is enhanced by the adaptation of a Low Level Feeder. The low level feeder provides optimal ergonomic carton loading on a 9 foot/3 meter carton feeder magazine. A 16 foot/5 meter extended magazine is optional to provide additional run time.

Machine Weight
Approx. 18,500lbs (8,400kg)
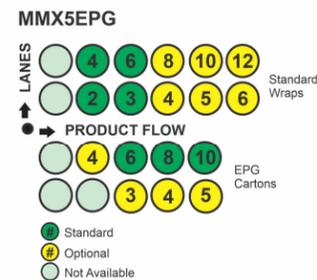
Pack Configuration

MMX5LLF

- Standard
- Optional
- Not Available

PRODUCT FLOW

8'-3/4" (2.46m)
5'-10" (1.78m)
7'-1" (2.16m)
9'-10" (3.86m)
30'-10" (9.39m)
43'-6 3/4" (13.27m)

INSTALLED LENGTH BETWEEN CUSTOMER SUPPLIED CONVEYORS

MARKSMAN™X5EPG

This variant of the Marksman™X5 adds the End Panel Glue Unit providing the basic abilities to turn the packs to glued and close carton flaps on the end of the wrap, creating either Bar Code Covers or Fully Enclosed Packages.
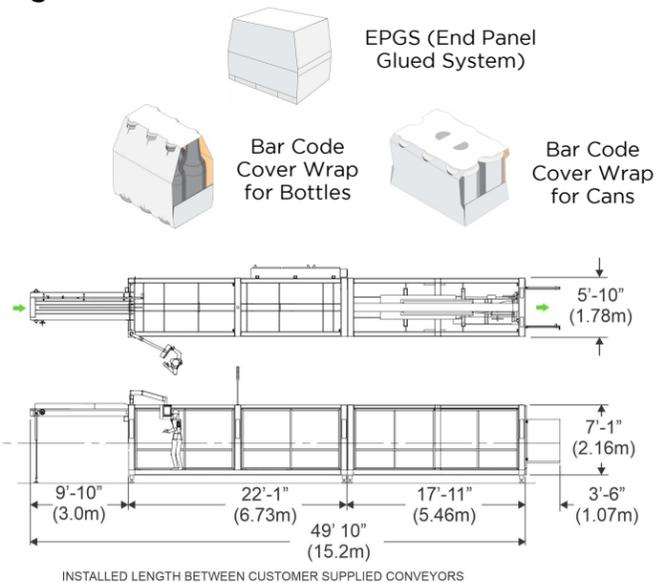
Machine Weight
Approx. 31,500lbs (14,300kg)

Pack Configuration

MMX5EPG

Standard Wraps

EPG Cartons

- Standard
- Optional
- Not Available

PRODUCT FLOW

EPG – End Panel Glue Package
- Economy Wraps and Fully Enclosed Packs on one machine
- Light Tight Fully Enclosed Package
- Full Billboard and End Panel Graphics
- Tight fully enclosed package prevents breakage
- Safe and secure with end panel gluing
- Glued end panels cover bar codes on bottle and can packs

EPGS (End Panel Glued System)

Bar Code Cover Wrap for Bottles

Bar Code Cover Wrap for Cans

5'-10" (1.78m)
7'-1" (2.16m)
9'-10" (3.0m)
22'-1" (6.73m)
17'-11" (5.46m)
3'-6" (1.07m)
49'10" (15.2m)

INSTALLED LENGTH BETWEEN CUSTOMER SUPPLIED CONVEYORS

MARKSMAN™X5LFEG

The Marksman™ X5LFEG combines the ergonomic Low Level Feeder with the versatility of the End Panel Glue Unit making it the best in the industry.

Machine Weight
Approx. 31,500lbs (14,300kg)

Pack Configuration

EPG – End Panel Glue Package
- Economy Wraps and Fully Enclosed Packs on one machine
- Light Tight Fully Enclosed Package
- Full Billboard and End Panel Graphics
- Tight fully enclosed package prevents breakage
- Safe and secure with end panel gluing
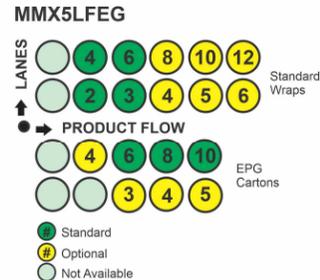- Glued end panels cover bar codes on bottle and can packs

MMX5LFEG

Standard Wraps

EPG Cartons

- Standard
- Optional
- Not Available

PRODUCT FLOW

EPGS (End Panel Glued System)

Bar Code Cover Wrap for Bottles

Bar Code Cover Wrap for Cans

CL INFEED
5'-10 3/4" (1.8m)
CL MACHINE

5'-10" (1.8m)

MAGAZINE 9'-9 3/4" (2.99m)
CARTON FEEDER 16'-10" (5.13m)
MARKSMAN PACKER 22'-1" (6.73m)
EPGS 19'-5 3/4" (5.93m)
7'-1" (2.16m)
62'-4 1/4" (19.0m)

PRODUCT INFEED TO DISCHARGE