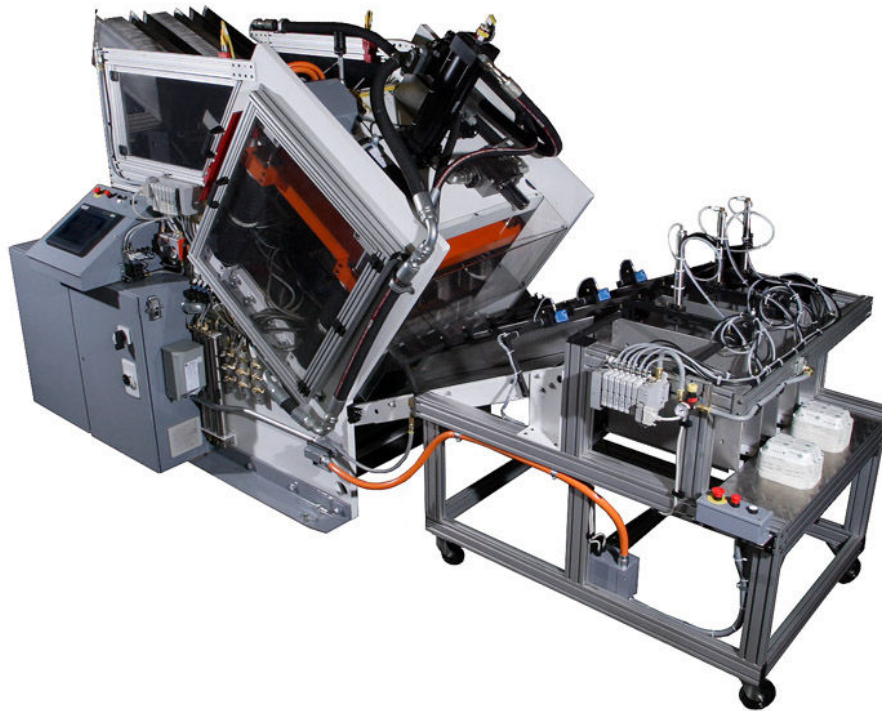
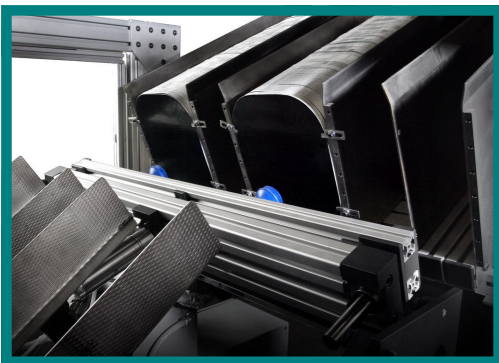


# PEERLESS CROWN HBF36 PLATE AND TRAY FORMING MACHINE



## HBF36 Paperboard Blank Magazine

- Fully adjustable for multi-wide operation.
- Capable of holding up to 24" (609 mm) of various shapes and sizes of blanks including; round, square, rectangle, oval, octagon, et cetera.
- Offers easy operator access.
- Stainless steel and aluminum materials utilized.

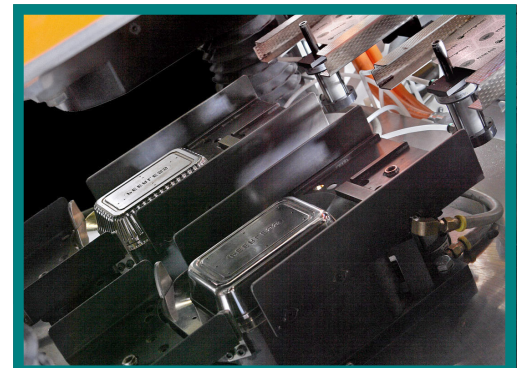


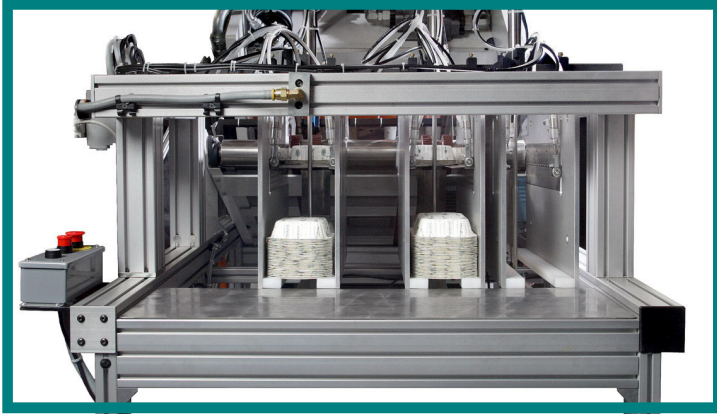
## HBF36 Feed System

- Simple motion rotating arc design.
- Air cylinder actuated vacuum cups pull blanks from the blank magazine and transfer them into blank chutes.
- Adjustable vacuum level for different blank sizes and materials.
- Stainless steel and aluminum materials utilized.

## HBF36 Forming Section

- Adjustable forming head dwell and stroke (motion profile) capability allows machine settings to be tailored to each specific product resulting in optimum quality and production speeds.
- Precision heavy-duty four-pin die set insures accurate, and repeatable forming die performance resulting in high quality products.
- Hydraulic drive system provides up to 25 tons (220 kN) of pressure for quality forming of deep draw large trays.
- Precision steel forming dies are installed and removed as a preassembled set to speed changeovers.





### HBF36 Counter-Stacker Unit

- Integral to the machine line. Individual belted lanes transfer the formed product from the forming dies into the stacking and counting section.
- Design allows tall product stacks and individual lane counting.
- Stainless steel and aluminum materials utilized.

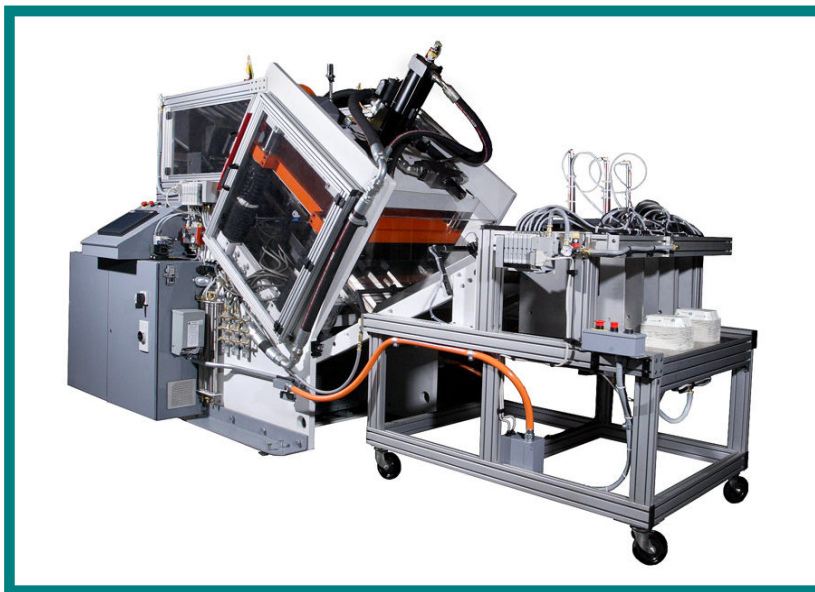
### HBF36 Main Panel & Control System

- P.C. controls support operator interface, temperature control, motion control, timing logic, et cetera.
- Production programs are easily stored and retrieved.
- On-line technical support available with proper internet connections.



### HBF36 Safety System

- Both stationary and interlock guarding utilized to insure operator safety.



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# GENERAL SPECIFICATIONS FOR PEERLESS CROWN HBF36 BLANK-FED PLATE & TRAY FORMING MACHINE

## MECHANICAL SPECIFICATIONS

DESCRIPTION	CROWN HBF36
LENGTH with Counter-Stacker	14.7 FT (4.5 M) + additional 35 in (889 mm) for stacker removal & maintenance
WIDTH	85 in (2.1 M)
HEIGHT	85 in (2.1 M)
WEIGHT (Approx.) Machine & Counter-Stacker	12,000 LBS (5,443KG)
INSIDE FRAMERAIL TO FRAMERAIL	36.250 in (920.7 mm)
COUNTER-STACKER DISCHARGE HEIGHT	30 in (762 mm)
BLANK MAGAZINE CAPACITY	24 in (609.6 mm)
BLANK MAGAZINE FILL HEIGHT	72.5 in (1.8 M)
MAXIMUM NUMBER WIDE OPERATION	4
MAXIMUM FORMING DEPTH	3 in (76.2 mm)
MAXIMUM ADJUSTABLE FORMING STROKE	7 in (177.8 mm)
MAXIMUM FORMING PRESSURE	25 Tons (220 kN)
MAXIMUM FORMING DIE SET AREA	20 in L X 30 in W (508 mm X 762 mm)
MAXIMUM BLANK LENGTH (depending upon part geometry)	18 in (457.2 mm)
MAXIMUM BLANK DIAMETER / WIDTH 2 WIDE	15.812 in (401.6 mm)
MAXIMUM BLANK DIAMETER / WIDTH 3 WIDE	10.125 in (257.2 mm)
MAXIMUM BLANK DIAMETER / WIDTH 4 WIDE	7.312 in (185.7 mm)
AIR CONSUMPTION	20 CFM at 80 PSI (9.5 L/Sec at 5.5 Bar)



# ELECTRICAL SPECIFICATIONS

DESCRIPTION	CROWN HBF36
STANDARD INPUT SPECIFICATIONS (Other voltages & frequencies are available upon request.)	240 V, 3 PH, 60 HZ
HYDRAULIC POWER UNIT	40 HP (29.8 KW)
COOLING UNIT MOTOR	.5 HP (.38 KW)
STACKER MOTOR	.75 HP (.56 KW)
BASIC CONTROL CIRCUIT	24 V.D.C.
DIE HEATERS	240 V, 1 PH, 60 HZ
ESTIMATED POWER CONSUMPTION IN PRODUCTION	32 KW per Hour

The policy of Peerless Machine & Tool Corporation is one of continued improvement in both design and manufacture, wherever possible, to ensure a still finer product. Hence, specifications, equipment, and prices are subject to change without notice.

## CROWN HBF36 MACHINE LINE FEATURES

- Fully adjustable for multi-wide operation.
- Easy access blank magazine refilling.
- Simple accurate blank feeding system.
- Adjustable forming head motion profile allows machine settings to be tailored to each product, resulting in optimum quality and production speeds.
- Precision heavy-duty four-post forming die set.
- Forming pressures available for quality production of deep draw large trays & plates.
- P.C. controls allow operator interface for optimum performance.
- Interlock guarding for operator safety.
- Quick tooling changeovers for production flexibility.



## CROWN HBF36 MACHINE



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