

# 7000 Series Carton and Tray Former

## High-speed performance to form a variety of material types and carton styles



### Standard Features

- ▶ Low magazine height – allows user to load magazine more easily
- ▶ Servo motor control – eliminates need for interconnecting drive chains and reduces maintenance
- ▶ Integrated operator interface – single location for machine and glue control
- ▶ Independent shuttle motion – ensures accurate glue placement on carton blank
- ▶ Heavy duty steel frame – assures permanent component alignment and minimal vibration
- ▶ Positive blank control – minimizes rejects and material costs while maximizing production efficiency
- ▶ Venturi vacuum system – eliminates vacuum pump noise and maintenance
- ▶ Variable speed – enables machines to match production rates



*Models 7410 and 7510 are single head formers. Models 7420 and 7520 are dual head formers. Independent drive system is an available option.*

### 7000 Series Flexibility

7000 Series spring loaded forming heads add further flexibility by compensating for variances in corrugate and paperboard and simplifying changeover calibration requirements. Typical applications for Doboy 7000 Series Tray and Carton Formers include bakery, frozen foods, pharmaceuticals and general consumer goods.

#### 7400

7400 Series indicates carton and tray formers for locking assembly via pic-lock styles or foot-lock simplex style locks. Options for large sizes and corrugate or chipboard material offer flexibility.

#### 7500

7500 Series indicates carton and tray formers for glue assembly of cartons or trays. Options for various blank sizes, package styles and controls guarantee unparallel flexibility to fulfill current and future production requirements.

# 7000 Series

## Technical Data

### Formed Carton Size Range

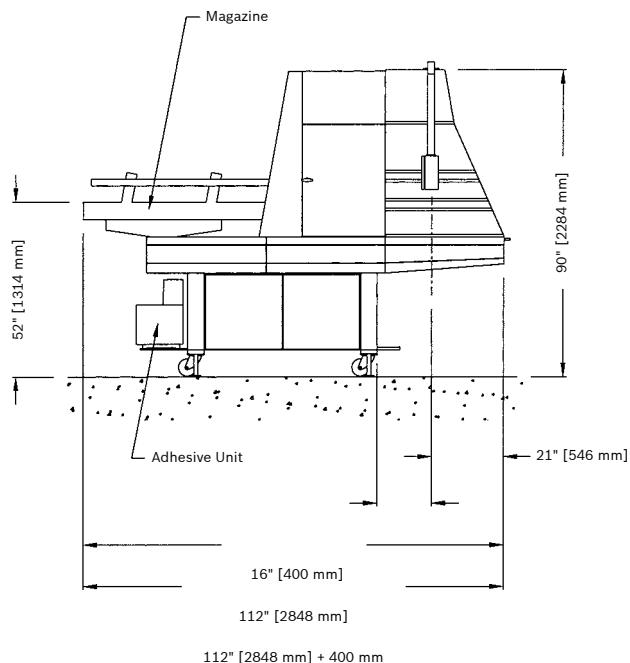
	Minimum	Maximum
Length	102 mm (4.0")	1060 mm (41.7")
Width	76 mm (3.0")	432 mm (17.0")
Depth	25 mm (1.0")	152 mm (6.0")

### Flat Carton Size Range

	Minimum	Maximum
Length	127 mm (5.0")	890 mm (35.0")
Width	152 mm (6.0")	1160 mm (45.6")
Production speed	10 cpm	60 cpm

Magazine capacity 560 mm (22.0") std. or  
915 mm (36.0") ext.

Power 230 vac, 60 hz, 3-phase



## Mechanical Dimensions

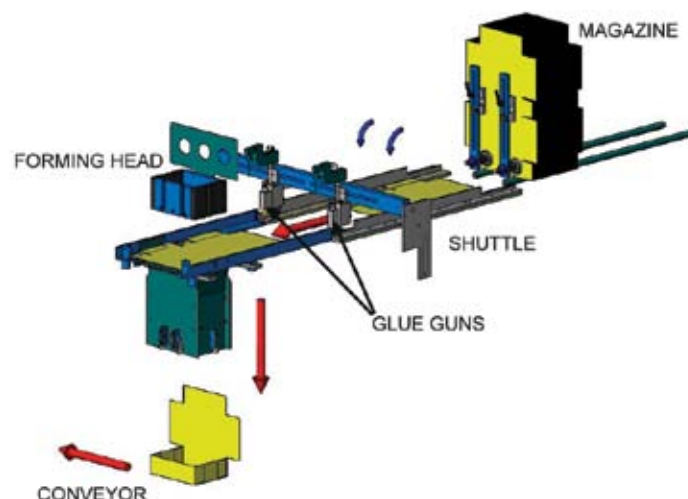
Frame width	1000 mm (39.3"), 1300 mm (51.1"), 1600 mm (63.0")
Frame length	1400 mm (55.1") or 1800 mm (70.8")
Height	2400 mm (94.5")
Forming head	
Blank height	850 mm (33.5")

### Blank Length

Blank Length	Speed
Up to 14" (355 mm)	Up to 70 cycles per minute
Up to 26" (660 mm)	Up to 60 cycles per minute
Up to 32" (810 mm)	Up to 40 cycles per minute
Up to 35" (890 mm)	Up to 30 cycles per minute

## Available Options

- ▶ Discharge conveyor
- ▶ Additional forming heads
- ▶ Adhesive system options
- ▶ Special power requirements
- ▶ Auto demand photo eye
- ▶ Non-attendant package
- ▶ Spare parts
- ▶ Casters
- ▶ Powered magazine
- ▶ Frame sizes to fit blank range
- ▶ Rockwell ControlLogix



How will you  
load product  
into your  
cartons?



Learn about our  
cost saving and  
user friendly  
robots.  
Average payback  
in 16-24 months!

## Bosch Packaging Technology, Inc.

Packaging Machines

869 South Knowles Avenue  
New Richmond, WI 54017 USA  
Phone (715) 246-6511  
Fax (715) 246-6539  
sales.packaging-nrd@bosch.com  
www.boschpackaging.com