

# Model RA100 Machine Specifications



## Fully-Automatic Conveyorized Rotary Arm Stretch Wrap Machine



Model RA100

### • CAPACITIES

PRODUCTION CAPACITY:	60+ loads per hour (dependant upon load size, total wraps required and system settings)
LOAD WEIGHT MAX:	5,500 lbs
LOAD SIZE MAX:	50"w x 50"l x 80"h
ELECTRICAL REQUIREMENTS:	460 volts, 3 ph, 60 Hz
MACHINE DIMENSIONS:	122" wide x 240" long x 124" high
SHIPPING WEIGHT:	5,500 lbs

### • FEATURES

FREE STANDING 4 LEGGED SUPER STRUCTURE WITH GUARDING AND SAFETY ENTRY DOOR

#### ARM:

- 120" diameter swing on rotary arm  
Soft start turntable drive system
- 41" slewing ring gear arm support  
rated in excess of 45,000 lbs
- 2 HP rotating drive motor

#### ELECTRICAL DATA:

- Allen Bradley solid state logic  
programmable controller
- 460 volts, 3 ph, 60 Hz
- 2 HP tower drive motor
- 1 HP DC process conveyor drive motor
- 1 HP DC infeed conveyor motor
- 1 HP DC discharge conveyor motor

#### ARM DRIVE:

- 0 - 12 RPM
- 2 HP DC/SCR controlled drive motor
- 41" slewing ring gear
- Electronic soft start/stop
- Positive arm alignment

#### FILM DELIVERY SYSTEM:

- 20" Model IV E-Zee Feed Powered  
Pre-Stretch System
- 1/3 HP Gear Motor 180 V DC film drive
- Pre-stretch ratio as required (150% - 300%)
- Solid state film tension control
- Dancer bar film tension control

#### OPTIONAL:

- 30" E-Zee Feed Pre-Stretch System

#### CONVEYOR DATA:

- 2-1/2" diameter rollers on 3-1/4" centers,  
loop-to-loop drive
- 52" clear face rollers, 60" between  
frames, 10" channel side frames at  
18lbs/ft
- ANSI #50 chain
- Complete with 5ft of powered infeed  
conveyor, 11ft of powered process  
conveyor and 5ft of powered discharge  
conveyor

#### FILM CARRIAGE DRIVE:

- 1/3 HP 180 V DC variable speed
- #50 ANSI chain lift
- 10 Steel cam follower guide bearings

*A manufacturer of high quality pallet stretch wrapping machinery*