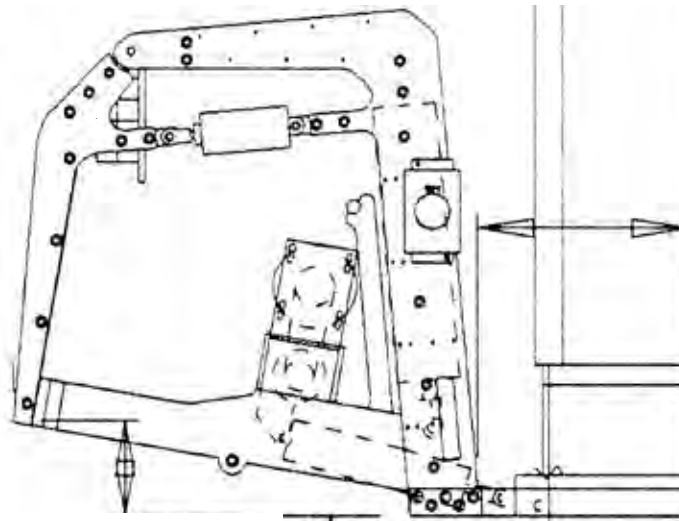


# AUTOMATED BALE TYING SYSTEMS

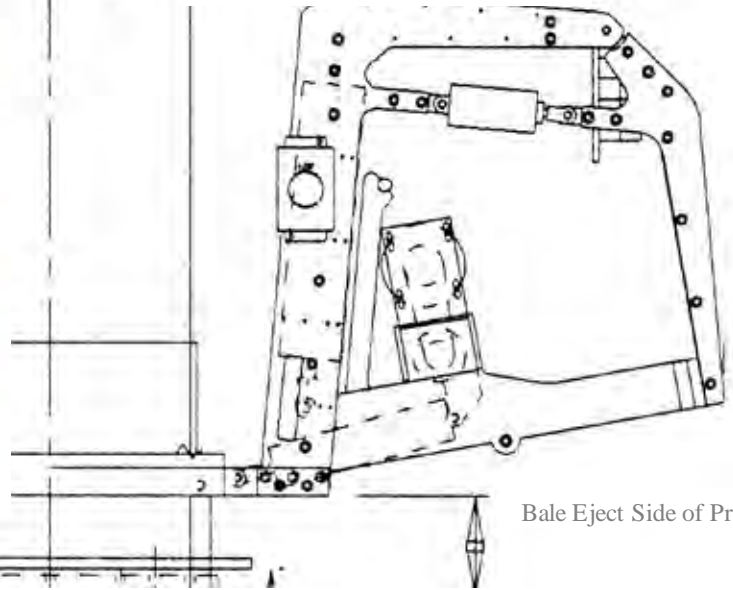
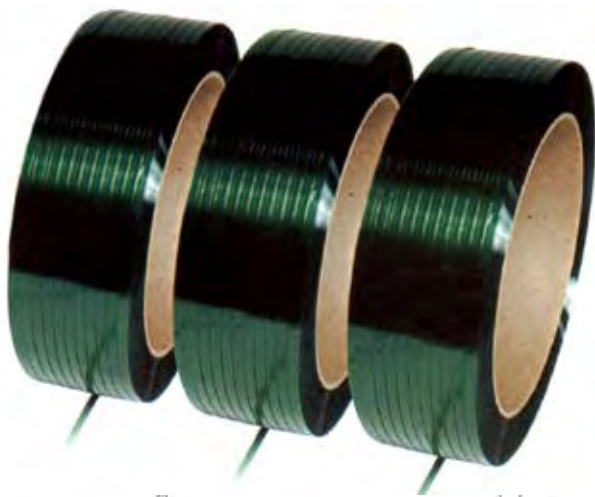
Reduce Gin Labor Costs with Industry Preferred Plastic Strapping



Feeder Side of Press



Model P600 Bale Tying System  
on Press with Doors



Bale Eject Side of Press

## Model P600

### Bale Tying System for the Cotton Industry

Samuel delivers the world's fastest and most reliable bale tying system in our Model P600 for presses with doors. It's adaptable to any universal density up-packing baler with or without doors and is designed to apply six (6) polyester ties simultaneously with an unprecedented level of speed, reliability and electro/mechanical simplicity.

For optimum bale performance, with our system, tie ends are friction welded on the ball of the bale. This results in an 8 to 10% effective increase in ultimate tie strength based on N.C.C. test data and places the weld in a position where it's least vulnerable to handling methods during its distribution life.

Coupled with a high capacity baler, the system has demonstrated production capabilities exceeding 70 plus bales per hour. Actual total tie-out time, beginning with ram at target separation and ending with baler clear for eject, is less than 10 seconds or at least 50% faster than traditional indexing systems.

Reliability of the system is manifested in a number of areas including the complete separation of the tie feeding mechanisms and welding heads. In doing so, these two (2) key functional components are simplified and ruggedly designed for longevity. Our Turnout® strap is pre-fed during bale formation in the tramper while the P600 is positioned horizontally so feed paths for the ties are flat, straight planes. This feature also eliminates the need for strap guide chutes in the follow block which collect lint to interfere with strap feeding reliability.

It provides the gin and the consuming mill with safer and more readily disposable bale tie material. Samuel's own recycling program is designed to encourage a cleaner environment through the purchase of post-consumer plastics in its packaging materials manufacture.

Ask your local sales representative about our exciting bale handling solutions!

#### P600 Features

- Fully automatic operation reduces labor required at the bale press.
- 70 plus bales per hour production speed capability.
- Welds or tie end connections are formed on the ball of the bale to take advantage of the P600's unique welding system
- Ties are fed and sheared to length from coils of Turnout® polyester strapping while a bale is being formed in the tramper box.
- Allen-Bradley Ethernet controls with Mitsubishi Color Touch Screen and servos are pre-wired where possible to facilitate installation and provides for the simplest of operator training.
- Value added bale is produced using polyester free of wire processing oils or rust potential.
- Experienced Samuel Field Service Technicians and Continuous Field Support is provided to guide the system's installation electrically and mechanically, provide training to gin personnel on-site as part of the purchase.

