

VK20/VK30

High Performance Plastic Strapping Heads



Features

- Heavy Duty Performance
- High Speed Strapping (up to 14 ft./sec., 4.3 metres/sec.)
- High Tension Capability
- Heavy Duty Heater Delivers (up to 90% joint efficiency)
- PLC Controlled
- Direct Drive System
- Powered Track Assembly
- Electrically Powered
- Modular Design
- Ease of Maintenance

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High Performance Plastic Strapping Head

The new VK Series of plastic strapping heads is ideal for today's high tension and high seal joint requirements in cotton, textile, lumber, brick, steel and metal product applications. The VK30 offers higher tension capability and greater strap capacity. Contact your local Samuel sales representative for the strapping head that best suits your specific application needs.

Features/Benefits

PLC Controlled

Allows high speed operation with flexible sequence control and adaptability into many diversified applications and head orientations.

Direct Drive System

Workload is spread out among three versatile, direct drive motors which are individually optimized to perform specific functions: High speed feed and slack strap take up; final heavy tension; sealer/cam activations.

Powered Track Assembly

The head portion of the strap track is powered open during the tension cycle, to clearly release the strap and seal joint on the load being strapped. This enhances the reliability of the strapping sequence by eliminating straps snagging in the strap track guides.

High Tension Capability

Allows use of heavy strap for high tension applications which require stress loading of the strap (ie. induced elasticity for heavy polyester strap.), resulting in superior retained tension on the product.

Heavy Duty Heater

Long life heat seal element stands up to heavy tension applications with excellent joint efficiency of the seal (up to 90%).

Electrically Powered

Quiet, clean operation and easily controlled with electrical quick disconnect plug. Proximity sensors for reliable operation.

High Speed Operation

Strap feed and take-up up to 14 ft./sec, (4.3 metres/sec) results in fast cycle times allowing more production through put.

Modular Design

Most components are modular and exposed for easy maintenance procedures. It is usually only necessary to remove the VK-30 strapping head from the strapper for major machine overhauls.

Cleaning

Quick release feed and tension wheel cover for fast, easy cleaning.



Specifications

Strap Size & Type	3/8" (9mm), 1/2" (12mm), 5/8" (16mm), 3/4" (19mm) Wide .015" (38mm) to .050" (1.27mm) Thickness Polypropylene or Polyester
Heat Applied Seal Joint	up to 90% joint efficiency depending on quality of strap
Power Requirements Electric	3 motors, 230/450 volt, 3 phase, 60Hz or 3 motors, 400/415 volt 3 phase, 50 Hz
Feed and Tension	14 ft. (4.3m) per second
Approx Measurements Strapping Head Height Strapping Head Width Strapping Head Length Approx Weight	18" (450mm) 18" (455mm) 24" (640mm) 165 lbs (75 kg)