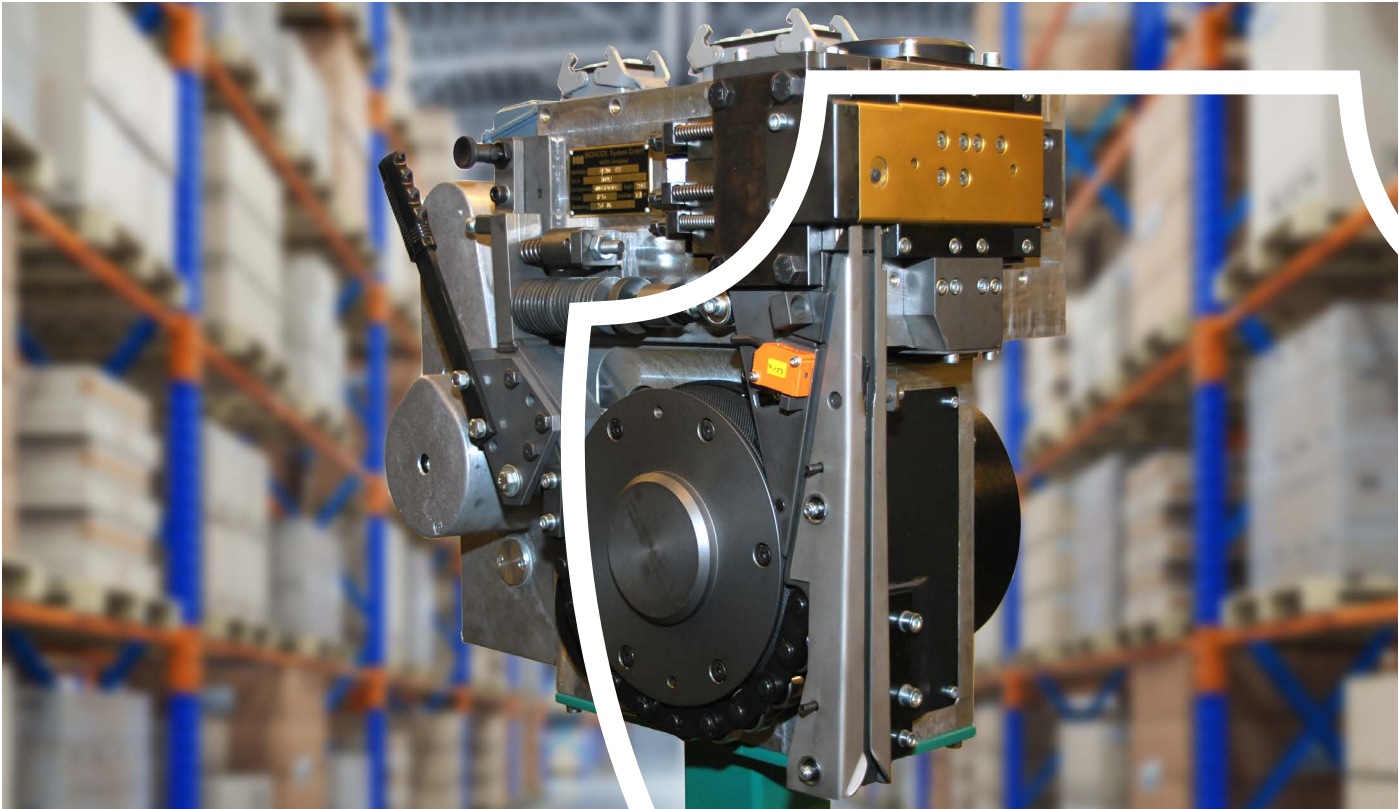


AK200 / AK200HDX



AK200

A well-proven, modern, heavy-duty strapping head for PET Polyester strapping

High production throughputs

Fast, inverter-controlled strap feed & tension speed up to 3,1m/ sec, for maximum throughputs.

Maximum machine up-time

Single strap feed & tension wheel reduces misfeeds & strap surface damage at high tension levels.

Easy access & maintenance

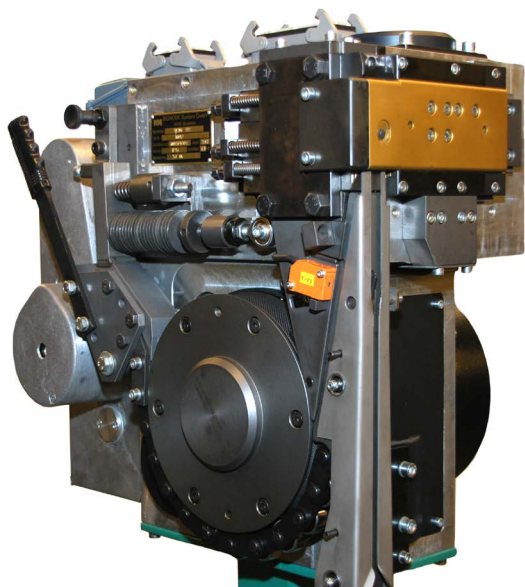
Quick access to clean, service & change wear parts on head as they are externally mounted.

Improved package securement

Robust machine housing. Strap cycle is cam-driven for exact & consistently high strap tension.

AK200

Strapping head range



Customer Benefits

- Robust design as single machined aluminium housing
- Smokeless environmentally friendly Z-Weld technology
- Economic as Tenax strap gives up to 90% strap joint efficiency
- Single energy source as fully electrically powered
- Simple service as all key parts easily accessible
- Consistent head controlled by camshaft system
- Less strap misfeeds due to unique strap feed system
- Reduced strap surface damage at high tension due to large feedwheel and multipoint roller chain
- Flexible as fully adjustable and variable strap tension
- Economic as controlled strap overlap
- Low TCO (total cost of ownership) as few wearing parts
- High reliability as straightforward and easy to maintain
- Suits many products as min. required pack face 120 mm (90 mm optional min. pack face for AK200S)
- Offline service as head test stand option available for performance testing after preventative maintenance

Maintenance

The special design of the AK200 head allows easy access to all moving and wear parts from the outside of the head housing. This enables straightforward exchange of wear parts and the quick adjustment of the various head settings.

Heavy-duty Applications

The AK200 utilises polyester and polypropylene strap in a variety of heavy-duty sizes. The head is designed for use in fully automatic strapping installations and is suitable for a variety of industrial applications. These are typically steel, non-ferrous metals, brick and block, timber and other general packaging applications.

Z-Weld Technology

The patented friction weld (Z-Weld System) in combination with Signode Tenax®, PET polyester strap ensures reliable and consistent joints with a joint strength of up to 90%.

AK200 Technical Specifications

	AK200	AK200 HDX
Strap Tension up to max (N)	4,500 N	6,000 N
Strap Type	Tenax® / Tenax-E PET Polyester	
Strap feed / take up-speed	1,25 m/sec - standard*	
Strap width (mm)	12 - 16 mm	19, 25, 32 mm
Strap thickness (mm)	0.6 - 1 mm	0.9 - 1.27 mm
Joint efficiency	up to 90%	
Sealing method	Z-weld	
El. connection	400V 3Ph 50Hz	
Control voltage	24 V DC	
Drive	Electrical	
Head weight (kg)	92 kg	100 kg

* Optional 3,1m/sec inverter controlled speed