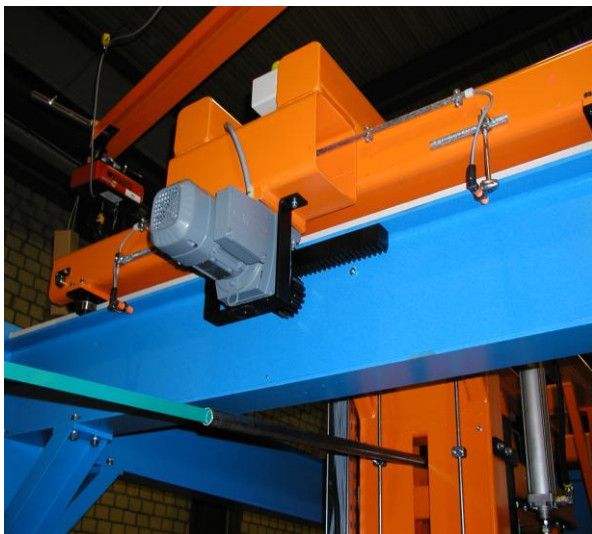


# AK200-HDX-BSM-3G Ingot Strapping Machine



The AK200-HDX-BSM-3G third generation ingot pack strapping machine is designed for continuous ingot casting operations and can apply up from three to six straps if required to each ingot package



The Inverter controlled indexing unit is very accurate and enables exact positioning of the strapping onto the pack. Can also be supplied as pneumatic system



To prevent ingot movement the extra wide platen stabilizes the top of the package during all phases of the strap application to ensure high strap tension

# AK200-HDX-BSM-3G Ingot Strapping Machine

The Signode AK 200 3G ingot bundle strapping machine has been designed as a modular unit with a range of machine options to suit most customer needs and is designed to take into account the aluminium industries needs for:

- High production throughputs in continuous casting operations
- Maximum machine up-time due to AK200-HDX heavy duty strapping head
- Increased flexibility due to option modules to suit most customers plant and safety requirements
- Improved package stability - with stabilizer for high consistent strap tension onto load for all straps
- Lower cost of ownership with easy service & maintenance – AK head service position

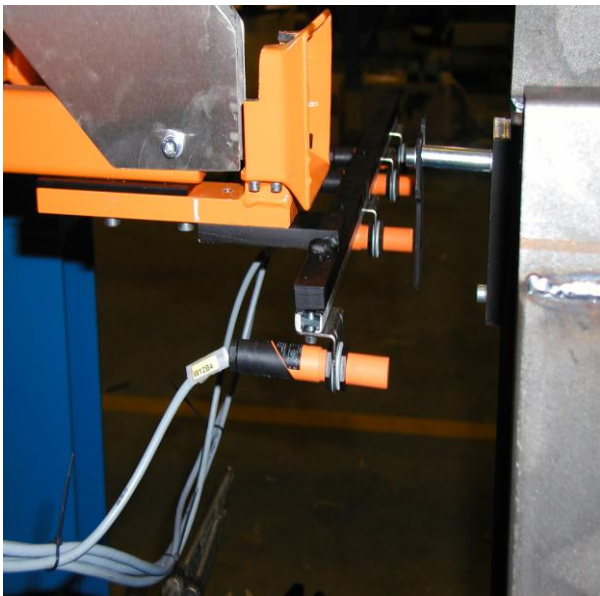
The ingot strapping machine is prepared as standard with all pneumatic indexing and outrigger drives. The standard strapping head is the all-electrical AK200-HDX for 19-32 mm heavy-duty Tenax® polyester PET strapping. This features the patented Z-weld® high-strength joint. The strapping head is top-mounted on the machine and is free-floating for optimum strap tension transmission on the packs.

## AK200-HDX-BSM Machine Options

- Machine service and operator platform as per customer layout
- Label applicator magazine and printer
- Superjumbo coil (135 kg) strap dispenser
- Strap coil loading crane manual/electrical
- Machine Safety Guarding Package
- Other PLC Control systems
- Automatic strap position seeking device
- Automatic strap feed and take up and strap end removal – also as retrofit.
- Available as complete AK 200 PET retrofit kit for plastic strapping systems
- AK-200-H horizontal machine for ingot pack unitization

## Technical Specifications

• Pack Width	1.000 mm–1.500 mm
• Pack Height	500 mm - 1.200 mm
• Index drive	electrical or pneumatic
• Platen drive	electrical or pneumatic
• Strap Feed speed	up to 3 m/sec
• Strap Tension	up to 6.000 N
• Strap Joint strength	up to 90 %
• Strap Dimensions	19 – 32 mm PET
• Strap Dispenser	75 kg coil model
• Controller	Siemens S7-300
• El. Connection	400V 3Ph 50Hz
• Control Voltage	24 V DC
• Power Consumption	3 KVA
• Air connection	6 Bar
• Air consumption	75 L/cycle
• Machine weight	2 - 2.500 kg approx.



Accurate strap positioning through flag seeking unit enables straps to be placed exactly onto packs



Low maintenance accurate and simple pneumatic linear cylinder for strapping bayonet drive