KZV-111

REVOLUTIONIZE YOUR END-OF-LINE [PACKAGING] PERFORMANCE



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KZV-111

FULLY AUTOMATIC PALLET STRAPPING MACHINE FOR SECURING TRANSPORTED GOODS

As a robust and durable strapping system, the KZV-111 is suitable KZV-111 palletized packages of all formats and shapes that do not need to be compacted. The top-mounted, lightweight SoniXs unit (32 kg) is secured with quick-release fasteners and can be removed without tools for maintenance purposes.

Optionally, the KZV-111 can KZV-111 be equipped with the BSG 4 tape-welding device. The BSG 4 welds the end of the tape to a new roll. This reduces downtime for changing consumables and minimizes material waste. Delicate products can also be secured with the optional edge protection: Quick, precise, and positioned from above, the protection prevents the belt from cutting into the product.

KEY BENEFITS

- Fully automatic pallet strapping machine
- SoniXs| Overhead strapping unit
- Energy-efficient electric drives
- Suitable for PP and PET

NONSTOP RESPONSIBLE
NONSTOP RELIABLE
NONSTOP INTELLIGENT
NONSTOP PROGRESSIVE

MACHINE DESCRIPTION

SoniXs ultrasonic sealing system

Automatic height detection of the pallet to package height

Optimum accessibility

Electrically driven attachment plate with geared brake motor

Plastic strap dispenser

Siemens PLC system with touch panel

2-post design with a Passage width of 2,200 mm or more

Versions:
[KZV-111]

- Top strapping unit
- 1 SoniXs strapping unit and 1 vertical strap guide
- Movable belt guide tongue for strapping palletized goods

[KOV-111]

- As KZV-111, but with closed strap guide frame for strapping non-palletized goods

[KVV-111]

- As KZV-111, but with lower strap guide with automatically engaging strap guide tongue or with closed strap guide frame. Particularly suitable for strapping frequently changing package types with or without pallets

[KZV-121]

- Like the KZV-111, KOV-111 and KVV-111 versions, but with two strap guides and two SoniXs. Increased strapping performance thanks to simultaneous parallel strapping with two units

[KZS-111]

- as KZV-111, but with side-moving roller conveyor

OPTIONS

BSG 4 strap welding unit

Mounting rails

Signal light, 3-part

Air conditioner

High-speed drive

HL unit with belt tension compensation (up to 4,200 N Strap tension)

Automatic top edge protector feed

Belt tension equalization

Belt flap opener with package height detection

Automatic squared timber feed (KOV only)

Service Locking Device

Permanent lubrication of bearings and pinions

TECHNICAL DATA

Performance
Up to 60 pallets/h*
*2-fold vertical strapping (depending on size)

Passage width
From 1,200 mm to 3,200 mm (in 200 mm increments)

Control system
Siemens PLC system

Strap coil dispenser
Core diameter: 406 mm

Weight
1,200 kg (without options)

Strap tension
From 250 N to 2,500 N (infinitely adjustable)

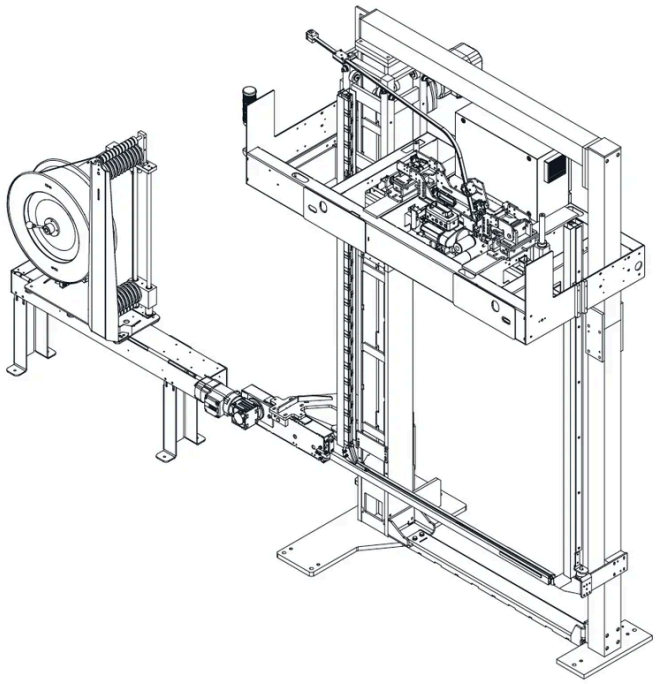
Conveyor technology
Height: From 80 mm to 650 mm (others available on request)

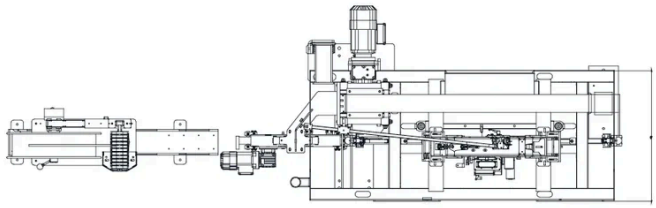
Strapping Material
PP : Width: 12 mm
Thickness: 0.80 mm
PET : Width: 9.50 mm - 12.50 mm
Thickness: 0.54 mm - 0.66 mm

Deviations with HL unit possible

Electrics
Mains voltage: 400 V, 50 Hz, 3L+N+PE (other mains voltages available on request)
Power consumption: 3 kVA (depending on configuration)

TECHNICAL DRAWINGS





TECHNICAL DRAWINGS

