

№ Q210101.5483 05.04.2021

Strapping Line HSM 3000, VTS 3000-M

COMMERCIAL OFFER DELIVERY AND MOUNTING OF AUTOMATIC FINISHED PRODUCTS STRAPPING LINE

Technical requirements

- Product paving slabs
- The weight of the formed pallet is up to 1500 kg
- Capacity is up to 40 pallets per hour
- Pallet of 1000x1200 mm

Contacts in Kyiv city

Contacts in Kryvyi Rih city

OUR CUSTOMERS

Our customers trust us because we effectively assist them in resolving issues in the field of production automation.



over **12** years

in the production
automation market

over **50**

of executed complex
automation projects

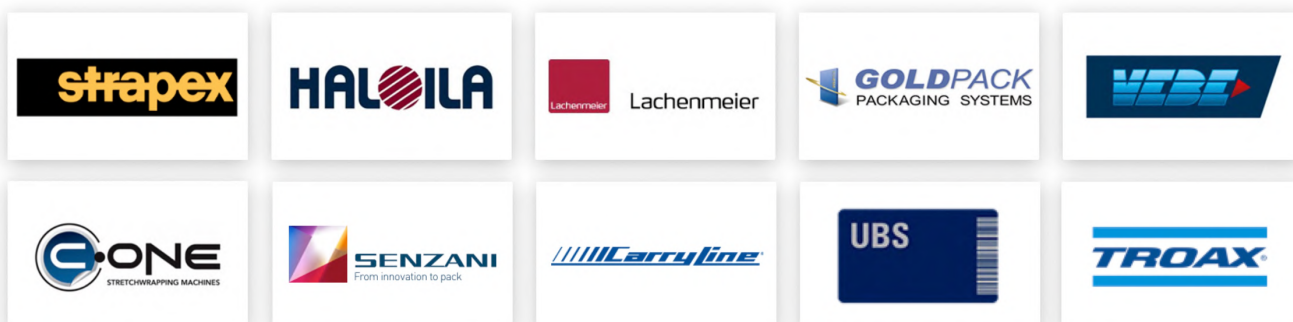
over **3000**

units of equipment installed at
the manufacturing facilities

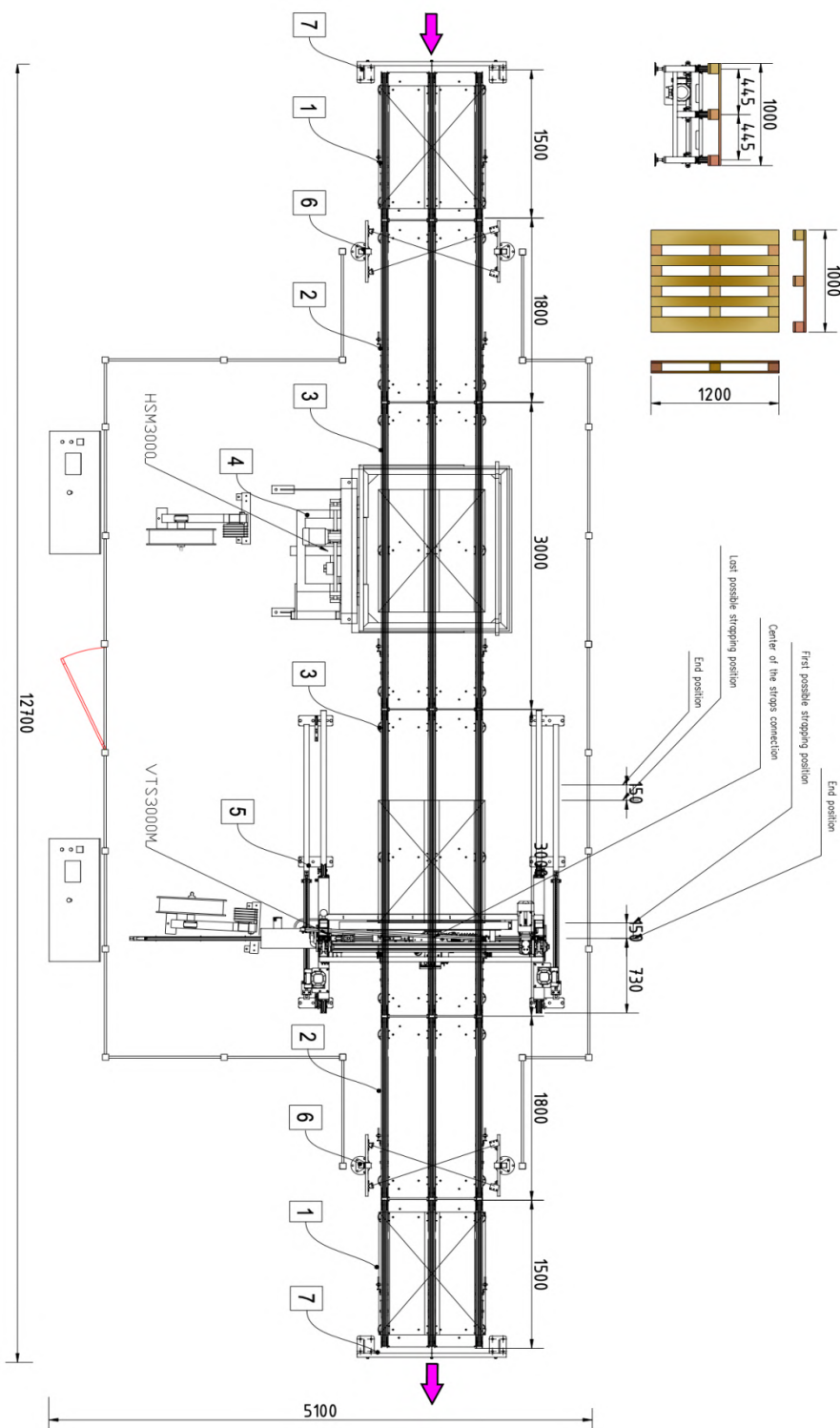
"SKLADPACK" COMPANY is a leader in the national production automation market in the field of stabilization and palletizing of products. It was founded as a private Ukrainian company in 2008. The company has made great contributions to the development of modern packaging solutions for various Industrial sectors in Ukraine throughout its operation.

WE SINCERELY VALUE THE TIME OF OUR CUSTOMERS and offer a full range of engineering solutions for production automation; palletizing and automation; packing, labeling and marking; and complete maintenance and support of your equipment. Our range of products include the most well-known packaging machines; stationary and mobile equipment; as well as industrial safety systems.

OFFICIAL DISTRIBUTOR



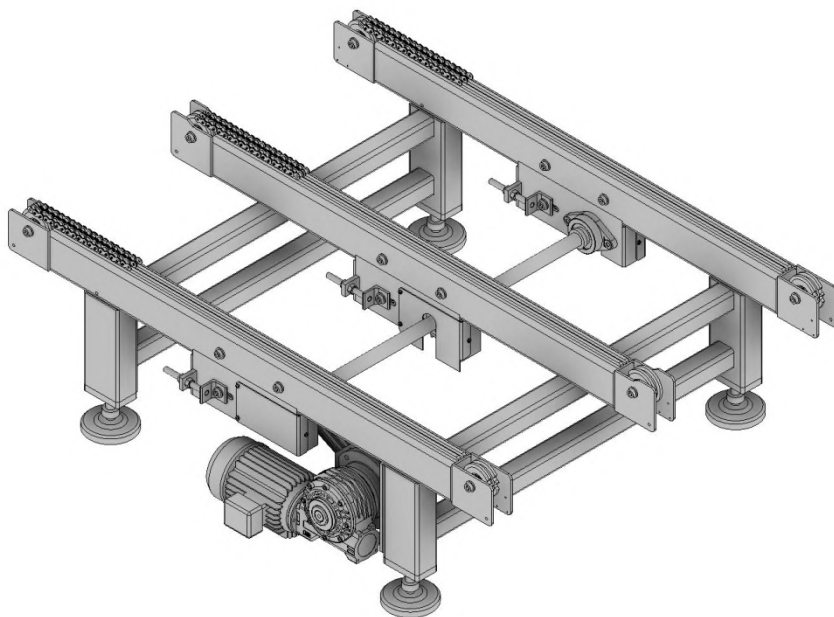
OVERALL DIMENSIONS OF THE AUTOMATIC COMPLEX



The complete configuration of the packaging complex, the location of the units can be amended upon agreement of the parties.

CHAIN CONVEYOR VT**Technical data**

Length	according to the outlet
Width	до 1200 mm
Height	250-600 mm
Number of chains	2...3
Max. loading for a pallet	2000 kg
Motor	LENZE / SEW
Reducer	LENZE / SEW
Sensors	SICK / LEUZE
Chain drive	
Reversible	
Rigid frame, painted steel	
Supports are adjustable with screwing of legs	
Appropriate part of electrical equipment in electrical cabinet	
Appropriate part of programme equipment	



AUTOMATIC STRAPPING MACHINE



STRAPEX VTS 3000-M AUTOMATIC VERTICAL STRAPPING MACHINE

The picture is for reference only and may differ from the appearance of the equipment supplied.

STANDARD CONFIGURATION AND CONTROL



H 3000/ h 3000L Strapping head

- Strap tension 200-3000 H
- Module design
- Easy to change soldering unit
- PET tape / PP 12-16 mm



7" HMI operator panel

- Menu navigated operation
- Individual languages
- All functions can be selected via the touch screen



Signal lamp, 3 fold

Visual information about the current machine state

Special protected version against soiling prevents dust and debris entry



Long service life and low maintenance costs

Premium industrial components, e.g. SEW motors, controlled by frequency inverters for fast operation and exact control



Safety

Anti-fall protection of the carriage from the package

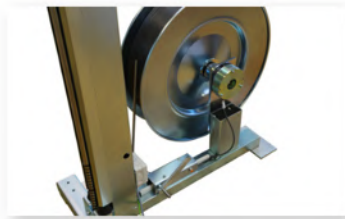


OPTIONS



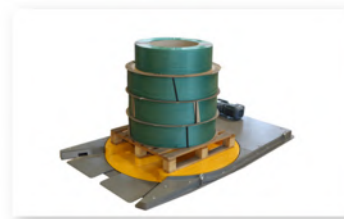
H 6500 Strapping head

- Strap tension 300-6,500 N
- Modular design
- Replaceable welding unit
- Plastic strap PET / PP 16-19 mm



Indication of end of the tape

Replacement coil can be prepared in advance for saving of time



Jumbo coil dispenser

- Up to 6 jumbo coils
- Easy loading
- High machine uptime

Indexing programs

- 25 or 99 programmes via Teach-In

Bayonet control

- Light barrier checks passage through the pallet. Prevents collision with the pallet



Air conditioning unit

For use in the control desk in areas with increased ambient temperatures or high relative humidity

Contacts in Kyiv city

Contacts in Kryvyi Rih city

STRAPEX VTS 3000-M ADVANTAGES

- ✓ Automatic positioning of the strapping lay
- ✓ The machine, equipped with a blade, can be installed at floor level
- ✓ Equally high quality tension even with different sizes of cargo
- ✓ Friendly control panel with buttons and symbols
- ✓ High reliability
- ✓ Low maintenance costs
- ✓ Reliable and proven design using high-tech materials
- ✓ Machine, tape and service in one complex

TECHNICAL DATA	
Strapping head	H 3000
Tape type	PET, PP
Tape size (PET)	Width: 12-16 mm, Thickness: 0,50-0,95 mm
Tape size (PP)	Width: 12-16 mm, Thickness: 0,65-0,90 mm
Tape tension	200-3000 H controlled via operator panel
Carriage with the head movement	160 mm / sec
Type of fastening	Friction welding
Strapping height	Min. 150 mm (including the pallet)
Conveyor height	Min. 400 mm
Power supply	400VAC, 50HZ, 3PE
Capacity	2-3 kW
Ambient temperatures	0-40 ° C
Bandwidth *	60 pallets / h, 2nd strapping
Machine weight	Approx. 600 kg
The dimensions of the tape coil	Ø 406 mm Width 152 mm
Color	Machine frame: Gray aluminum, RAL 9007 Control panel: Light gray, RAL 7035
Producing country	Switzerland



AUTOMATIC STRAPPING MACHINE



STRAPEX HSM 3000 AUTOMATIC VERTICAL STRAPPING MACHINE

The picture is for reference only and may differ from the appearance of the equipment supplied.

STANDARD CONFIGURATION AND CONTROL



H 3000/ h 3000L Strapping head

- Strap tension 200-3000 H
- Module design
- Easy to change soldering unit
- PET tape / PP 12-16 mm



7" HMI operator panel

- Menu navigated operation
- Individual languages
- All functions can be selected via the touch screen

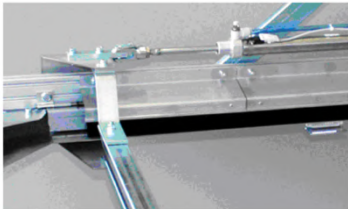


Signal lamp, 3 fold

Visual information about the current machine state

Special protected version against soiling prevents dust and debris entry

OPTIONS



Tape centering unit

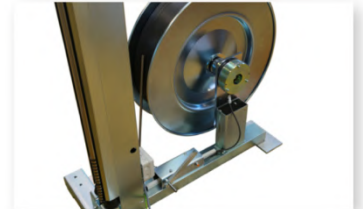
For exact positioning of the tape



Signal lamp, 3 fold

Visual information about the current machine state

Special protected version against soiling prevents dust and debris entry



Indication of end of the tape

Replacement coil can be prepared in advance for saving of time

Indexing programs

- 25 programmes via Teach-In
- 99 programmes via Teach-In

Photocell to determine upper product level



Contacts in Kyiv city

Ukraine, 03680, Kyiv, Mykoly Hrinchenka st.,
4, Business Center "Horizon Park"

+38 (044) 500 91 63
+38 (067) 678 12 12

Contacts in Kryvyi Rih city

Ukraine, 50029, Kryvyi Rih,
Vatutina st., 31

+38 (056) 409 79 97
+38 (067) 694 12 12

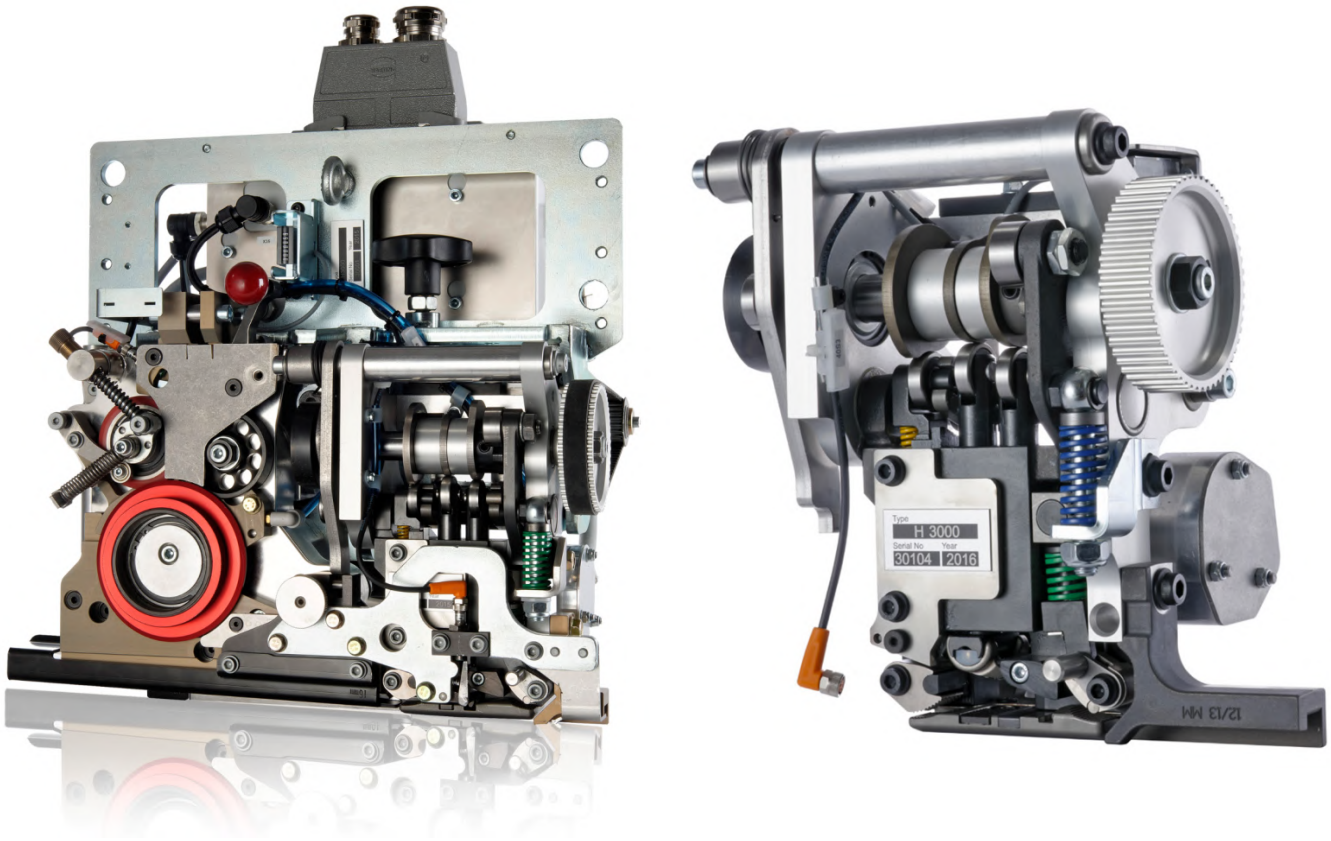
STRAPEX HSM 3000 ADVANTAGES

- ✓ The machine, equipped with a blade, can be installed at floor level
- ✓ Equally high quality tension even with different sizes of cargo
- ✓ Friendly control panel with buttons and symbols
- ✓ High reliability
- ✓ Low maintenance costs
- ✓ Reliable and proven design using high-tech materials
- ✓ Machine, tape and service in one complex

TECHNICAL DATA	
Strapping head	H 3000
Tape type	PET, PP
Tape size (PET)	Width: 12-16 mm, Thickness: 0,50-0,95 mm
Tape size (PP)	V: 12-16 mm, Thickness: 0,65-0,90 mm
Tape tension	200-3000 H controlled via operator panel
Carriage with the head movement	160 mm / sec
Type of fastening	Friction welding
Strapping height	Min. 150 mm (including the pallet)
Conveyor height	Min. 400 mm
Power supply	400VAC, 50HZ, 3PE
Capacity	2-3 kW
Ambient temperatures	0-40 ° C
Bandwidth *	70 pallets / h, 3 strappings
Machine weight	Approx. 900 kg
The dimensions of the tape coil	Ø 406 mm Width 152 mm
Color	Machine frame: Gray aluminum, RAL 9007 Control panel: Light gray, RAL 7035
Producing country	Switzerland



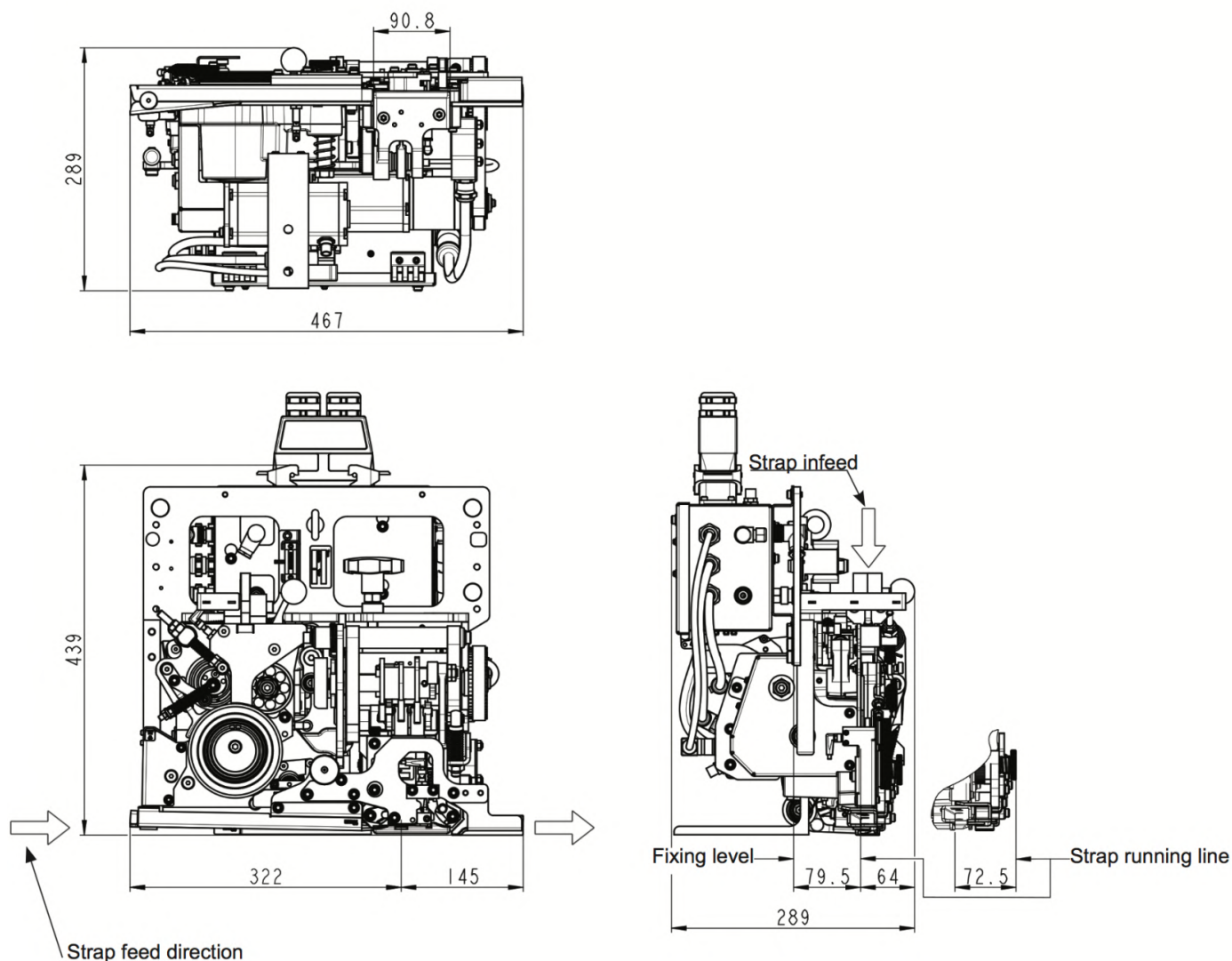
H 3000 STRAPPING HEAD



TECHNICAL MUSIC

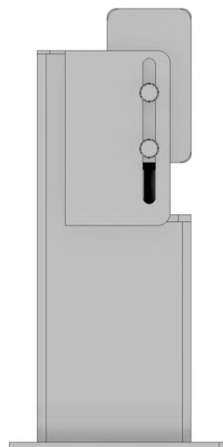
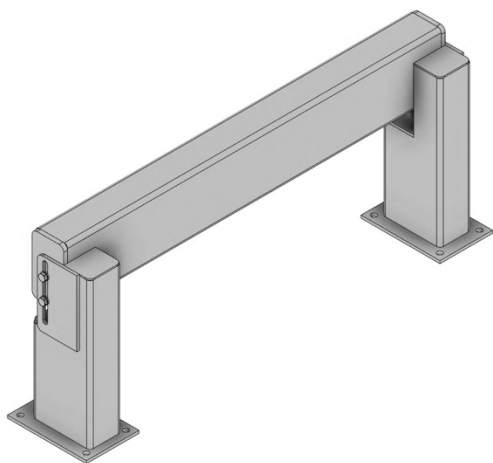
Tape type	PET, PP
Tape type (PET)	Width: 12-16 mm, Thickness: 0,50-0,95 mm
Tape type (PP)	Width: 12-16 mm, Thickness: 0,65-0,90 mm
Tape tension	200-3000 H operator panel controlled
Sealing method	Friction weld
Tension speed	6,7 m / sec
Pull off force from dispenser	72 H
Seal efficiency	From 70 to 85% of the strength of the tape
Drive control	Tension and fastening with electronic control
Electrical supply	24 VDC
Max. nominal current	35 A
Control voltage	24 VDC
Drives	DC motors
Weight	40 kg

H 3000 STRAPPING HEAD LAYOUT

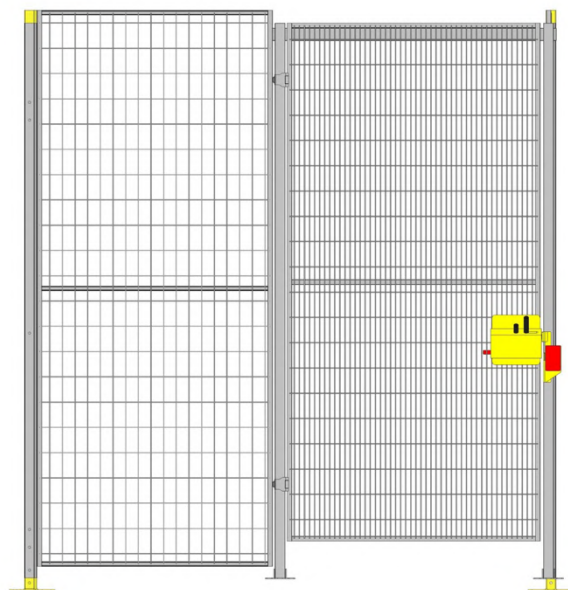
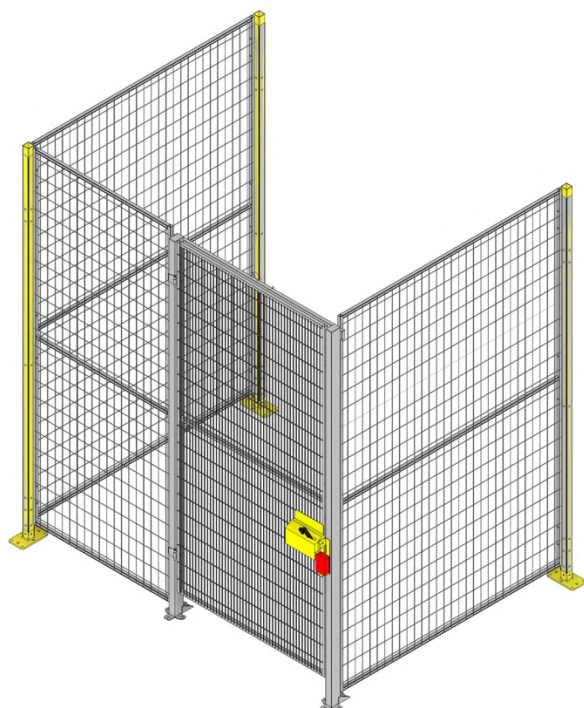


FORK TRUCK BLOCKADE

It is installed before conveyors and protects them from damages in case of collisions with unloaders.



TROAX SAFETY FENCE



- 2 m height;
- doors with safety microswitches and protective locks;
- emergency stop buttons located on the control cabinet and doors;
- safety sensors on the input and output conveyor;
- level of protection according to European standards.

CONTROL ELECTRICAL CABINET

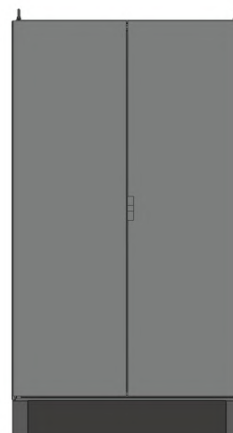
Fully equipped RITTAL electrical cabinet is located on the line (12m around the line).

Electricity 3Ph N Pe.

Complete cable line with cable channels.

Technical data

Electrical cabinet	RITTAL
Operator panel for conveyor system	
PLC	SIEMENS S7
Display	SIEMENS
Switches and keys	Telemecanique
Terminals	Weidmüller, Phoenix
Frequency converters	Mitsubishi
Security unit	SICK / Pepperl+Fuchs
Appropriate part of electrical equipment in electrical cabinet	
Appropriate part of programme equipment	



COMPONENTS - Goldpack

	According to customer's request
PLC	Siemens S7 upon customer's request - recommend Siemens S7 1500
Display	Siemens
Frequency converters	Mitsubishi
Motor	SEW
Reducer	SEW
Servo motors	SEW
Pneumatics	SMC
Pneumatic connectors	FESTO
Sensors	Pepperl+Fuchs
Photo cell	Sick
Light curtains	Leuze
Security units	Sick
Temperature control	Shinko
Terminals	Weidmüller, Phoenix
Relay	Weidmüller, Telemecanique
Transformers	Mean Well
Cables	Hellukabel
Electric cabinet	Rittal
Other electrical components	Klockner Mueller
Rollers	Interroll

- IP56 safety level

EQUIPMENT SPECIFICATION

EQUIPMENT		Q-ty
1.	VT 1,45 Chain conveyor	2
2.	VT 1,8 Chain conveyor	2
3.	VT 3,0 Chain conveyor	2
4.	STRAPEX HSM 3000 for horizontal strapping <u>Special configurations (options):</u> <ul style="list-style-type: none"> Strap centering device (recommended for exact positioning of the tape) Brushes for protection of a strap against dust / for exact positioning of a belt 1 x Pilz PSEN cs3.1p protective door switch (max.2, including cable 30m) System for 25 programs x 1 - 10 strapping Pre-warning signal about finishing of the tape on the reel - incl. relay, for external contact (without potential) 	1
5.	STRAPEX VTS 3000-M for vertical strapping <u>Special configurations (options):</u> <ul style="list-style-type: none"> System for 25 programs x 10 positions 1 x Pilz PSEN c3.1p protective door switch (max2, including cable 30m) 2 photocells blade control Reinforced blade design for use in building materials packaging Pre-warning signal about finishing of the tape on the reel - incl. relay, for external contact (without potential) 	1
6.	Troax protective fence Sick input and output sensors Sick safety light barriers, category 4 Troax door blocker, etc. CE	1
7.	Load movement restrictor with sensor	2
8.	Electrical cabinet and software	1
9.	Packaging	1
10.	Delivery	1
Integration		
11.	Mounting, training, testing (hotel, food and transport costs are included in the price)	1

COMMERCIAL CONDITIONS

Payment conditions

50% prepayment, 40% before shipment, 10% after signing the act of work performed

Delivery and customs clearance

Delivery and customs clearance is carried out by Skladpack: DDP, Ukraine, customer address

Delivery time

6-7 months

Validity of the offer

Until 31.12.2021

Warranty

24 months

Contacts in Kyiv city

Contacts in Kryvyi Rih city

Mounting and personnel training

“Skladpack” company carries out Mounting and set-up of the equipment, afterwards carries out correct equipment operation training, and also simulates emergencies, in which customer’s experts have to correct the mistake on their own without the help of “Skladpack” employees.

Mounting duration (approximately)

15 working days

PRELIMINARY CONDITIONS FOR SALE**Preparatory work carried out by the customer:**

1. Power supply must be carried out according to the drawings of Skladpack.
2. The equipment must be unloaded at the mounting site.
3. Providing qualified personnel to carry out the necessary work on the placement of equipment, connection of power supply, compressed air.
4. Ensuring the continuity of work on mounting, connection, commissioning and setting up of equipment performed by engineers of Skladpack.
5. When starting the line (with the proper functioning of all components and units) for the purpose of proper instruction (training) of the customer's personnel for operation and maintenance, operators and service personnel should not be distracted by any other work. Operators of all shifts are instructed all at once.

Works carried out by Skladpack:

1. Mounting (organization of the line installation process).
2. Connection of power supply of the equipment and laying of electric connections from boards of the equipment of Skladpack to an operator’s platform.
3. Start-up and testing of all functions of the line and packaging units using the customer's packaging materials.
4. Training of the customer's personnel on the rules of operation, maintenance and minor repairs of the line, immediately after start-up and inspection of all functions and modes of operation.

Completion of works:

Considered to be completed after the completion of all works specified in the previous section, upon the provision by engineers of a bilaterally signed Act of completion.

Contacts in Kyiv city**Contacts in Kryvyi Rih city**

BENEFITS OF WORKING WITH US

Buy high-quality, durable industrial equipment with a high life.



Customers of "Skladpack" receive highly skilled support during and after their purchase. The lifetime of our equipment is over 15 years. In any case, complete service is available for you every day, around the clock.

The products offered by our company are certified and meet all international quality standards. All equipment offered by our employees undergoes strict control processes and is ready for exploitation in any conditions. We thoroughly monitor this and choose our partners carefully.

Our main advantage is our individual approach to each customer. Highly skilled managers select the finished products, as well as offer individual development of complex systems.

"SKLADPACK" - IT'S TIME TO AUTOMATE!