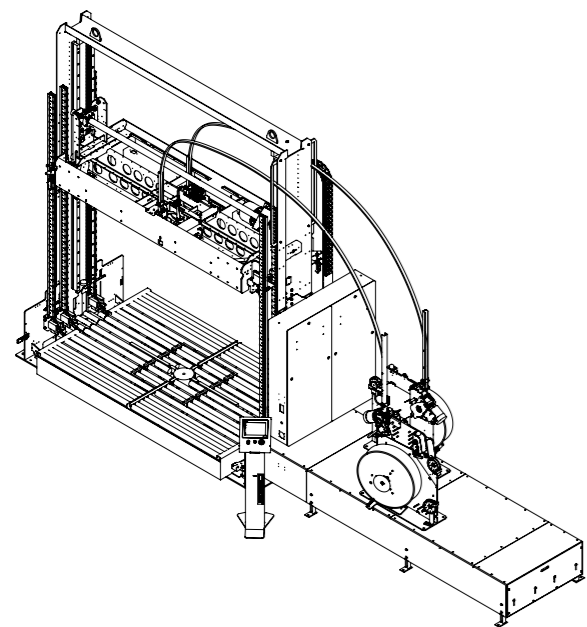
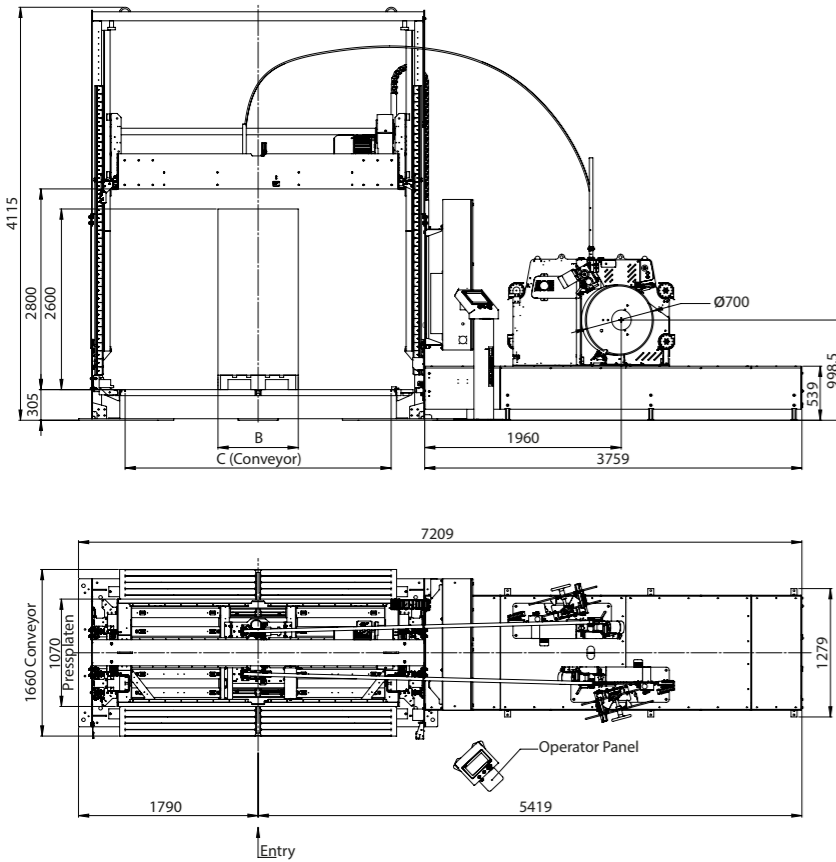


GCU-NG 2500

Pallet compression and strapping station

GCU-NG 2500



Specification

Capacity	Pallets / per hour*
Standard model	up to 150
High speed model	up to 200
Conveyor speed	Variable up to 14m/min std. Optional up to 21m/min
Pack Width Min	500 mm
Pack Width Max	2600 mm
Pack Height Min	500 mm
Compression	Up to 2,500 kg
Conveyor height	305mm min.
Strapping	
Strap size	9 - 12.5 mm Tenax® 1616 9 x 0,52 4050 m coil Tenax® 1617 9 x 0,57 3600 m coil
Strap Types	Tenax® PET Polyester
MHC Head strap tension	80-900 N
Strap Feed Speed	3 m /sec.
Strap centers	425, 610, 795mm
Power requirements	
Mains supply	400-480 V, 3-phase, 50 Hz
Power input	10 kVA
Control voltage	24 V DC
Edge-protection magazine	
Sheet dimensions	800 x 300 mm or 600 x 250 mm x 6.5 mm
Magazine capacity	120 pieces
Paint finish	RAL 6000 Green
Machine weight	5000 kg approx.

* Dependent on load size, conveyor speed, compression level and strap pattern.

Options

- Third strap chute & indexing bayonet
- Fourth strap chute & indexing bayonet
- Two fixed strap chutes in conveyor
- Entry and exit roller conveyor sections
- Entry conveyor with pallet centering device
- Conveyor riser kit to 350 mm
- Plain roller conveyor under press platen
- Top edge protection magazines
- Bottom edge-protection magazines
- Top edge-protection ink jet printer
- Pallet turntable located inside the press
- Pallet turn-grid located inside the press
- Full load positioning & conveyor controls
- Full machine safety guarding packages
- Spare strap sealing and feed modules
- SIG-Cure extra platen safety device
- SIG-Kers Kinetic Energy Recovery system
- Other RAL colour finishes available

GCU-NG 2500

Pallet compression and strapping station

Next Generation machine design. Maximised throughputs. Higher uptime and productivity.



Greater productivity

Standard up to 150 pallets an hour, high-speed version available

Next generation machine design

Reduced service and maintenance needs, remote monitoring and lower energy needs

Fits customers exact needs

Modular design with options for today's and tomorrow's demands

High productivity and safety

Automatic strap loading and Edge-protection reloading from outside guarded area so non-stop operations

Very easy to use

Intuitive, simple, easy to use, icon-driven operator HMI, simple packaging programme changes

GCU-NG 2500

Pallet compression and strapping station

The Next generation GCU-NG succeeds the well proven GCU first generation strapper. By using new improved and highly reliable components and materials in a modern design the press is simpler, faster and even more reliable for maximized machine uptime.

The modular design enables our customers to tailor-make their machine for their plants current and future needs. Some options are available for later installation as retrofits if required.

5 reasons why the GCU-NG is the new Industry standard compression and strapping station for the Corrugated Industry

Less wear, service and overall energy needs for the press

New materials, unique drive systems and controls ensure optimum efficiency and reduced CO2 footprint for the machine.

Stable pallet loads

Using optimised and highly accurate load compression each pallet can be compressed and strapped without damaging the products.

Reduced set up time

Up to 15 programmes can be programmed as standard for the GCU-NG. Fine tuning and additional or different programme creation are possible on-site.

Exact repeatable standard load heights

The variable load height selection ensures all pallet loads are the same height for maximised racking storage and truck volume utilisation.

Easy to use HMI system

The simple and intuitive HMI machine enables many formats and load packaging styles to be stored as standard. All selectable from the HMI or via BCD code.

The standard model can process up to 150 pallets and hour, a high-speed machine version enables higher throughputs to be easily achieved.



5 more reasons why the GCU-NG is the new industry standard pallet strapper

Integral GCU-NG service programme

Indicates maintenance requirements, provides system diagnostics and the ability for remote monitoring.

Modular MHC strapping heads

Well proven, simple, light-weight easy to use heads for reduced service needs and are easily removed in less than a minute.

Turncross or turngrid for accurate pallet handling

Accurate load positioning and simple handling onto the lifting device, loads up to 1500 kg can be easily handled.

Top/bottom edge-protection applicators

Easily and safely reloadable at any time the units hold 120 sheets and position strips to protect the products during strapping.

Higher uptime through auto strap loading & feed-up

Auto strap feed up from dispensers as standard to feed strap up to the MH heads without entry into the guarded area.

Industry standard performance and reliability for higher productivity and lower ownership cost



HMI Control Panel
Accurate real time control set-up and operational control, plus simplified machine servicing through self diagnostics.



Indexing bayonet for flexibility
With up to four chute systems and two bayonets the unit is extremely flexible to place strap on varying products very accurately.



Automatic strap feed
With a simple single-button operation the strap is fed into the sealer module, so no complex threading or strap end welding nor entry into the machine area, for more uptime.



MH Modular sealing heads
The modules use 9-12 mm machine grade PET strapping. The sealer unit requires maintenance every 100.000 cycles as does the feeder unit with few wearing parts.

GCU-NG

The next generation GCU-NG combines rationalised construction with even more durable wear parts for reduced total cost of ownership.

SIGNODE®