



Longitudinal stations are possible at each shelf block with the storage system *UNIportal*.



A flexible system is possible with a gantry design.



With the storage system *UNIportal*, in/out stations can be integrated in front and longitudinally - also with safety buffer.



KASTO can deliver carts for the inner-company transport of customer cassettes.

Facts of the KASTO Cassette System *UNIportal*

- Heights from 3 m to 8 m (9.8' to 26.2')
- Storage lengths 3 m to 8 m (9.8' to 26.2')
- Storage volume up to 500 t (1,100,000 lbs.)
- Loads up to 1.2 t/cassette (2,640 lbs.)
- Integrated weighing device (option)
- Use of customer cassettes (option)

UNITOP Bar Storage System - On top of technology:

Ideal space utilization.
Safe inventory management.

A unique feature of the *UNITOP* automatic bar storage system is that the operating crane travels on top of the shelf block. The enclosed compact design of the system ensures fast access to self-carrying cassettes. Computer controlled, the *UNITOP* allows a perfect overview of the inventory at any time and is able to deliver the requested bar stock every 120 seconds - depending on system height - to the unloading station. Individually tailored in/out stations ensure the adaptation to the company-specific material flow. With the (optional) integration of an automatic bar separator and a connection to a KASTO CNC-saw, a flexible, profitable manufacturing system is created.

Long-term, reliable, time-tested performance.

The *UNITOP* Bar Storage System is a highly efficient and extremely reliable, fully automated system requiring a minimum of personnel. And this for a long time: The virtually wear-free hoists are equipped with precision roller chains to guarantee an absolute minimum of service.

UNITOP as a 'Rack Supported Building': A building for the price of a machine.

Additional storage space without costly new construction: A roof and walls can be mounted onto the steel rack construction. The height of the *UNITOP* does not depend on the height of the connecting building - and therefore can tower above it. Storing and removing can take place directly at the interface to an already existing production building. This solution might offer some tax advantages.





The chain hoist of the operating crane:
Sturdy and durable.



For highest reliability: Lift chain with slag
chain safety.



Weighing cells integrated into the cassette
pick-up allow automatic inventory updates
and constant inventory maintenance (option).



Longitudinal stations can be built-in at floor
level or at any other height.



With an additional undercarriage, the *UNITOP*
Bar Storage System is a fast commissioning
system.



Commissioning stations with minimized
cassette change times guarantee continu-
ous production.

Facts of the KASTO Bar Storage System *UNITOP*.

- Heights from 4 to 20 m (13' to 65.5')
- Inventory volume up to 8.000 t (17,600,000 lbs.)
- Loads up to 5 t (11,000 lbs.) per cassette
- Cassette lengths from 3 to 12 m (9.8' to 39.4')
- Rack supported building design possible
- Integrated weighing device (option)
- Interface to KASTO-CNC saws (options) according to material flow
- Fast commissioning system when interfaced with an undercarriage