

STILL Pallet Runner.

Highdensity storage (HDS).



For further information please visit:
www.still.de

STILL GmbH
Berzeliusstrasse 10
D-22113 Hamburg
Telephone: +49 (0)40 / 73 39-0
Telefax: +49 (0)40 / 73 39-16 22
info@still.de
www.still.de

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9.2005 Modifying of design and specification at any time.

Achieve more.



STILL HDS System.

Comparing with other storage systems you will keep the maximum space for your goods in spite of various articles and different pallets. The STILL HDS System is a storage solution state of the art. No special lift trucks are required, the shuttles are working remote. The system is optimal designed for a high performance and maximum packing density. The HDS System allows an extremely flexible access – in each channel you can store a different article. The high degree of freedom by creating a warehouse is a further advantage. It is possible to change an existing STILL Drive-in solution into a HDS System and vice versa. With the HDS System you cut the handling time into half comparing with the drive-in solution. During the STILL Pallet Runner is working the lift truck will work independent for other transports.

The Design.

The Pallet Runner is built from a number of modules to form a robust and reliable engine, easy to operate and service. On each level the Pallet Runner is set up on special rails very simple. The singular design anticipates damages of the load and failures of handling. The shuttle is built on a sturdy chassis with a full size lift table. This design considered that loads are carried on some kind of a pallet and the quality on those pallets varies. The patented safety design that connects the shuttle to the fork lift when picked up and transported to another rack channel eliminates slipping on the forks.

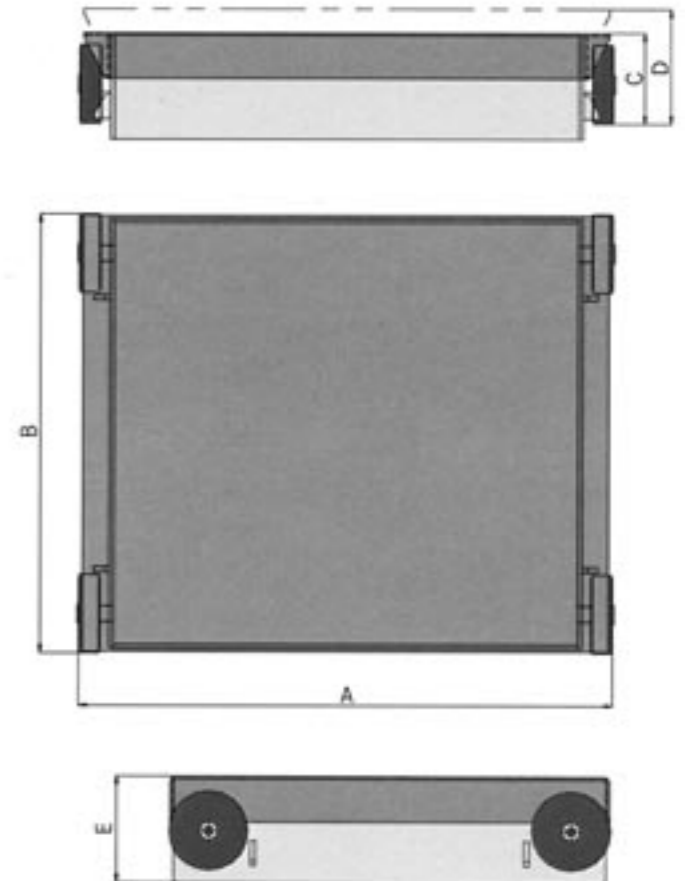
Control.

Brain of the Pallet Runner is the micro computer control module. Further modules are:

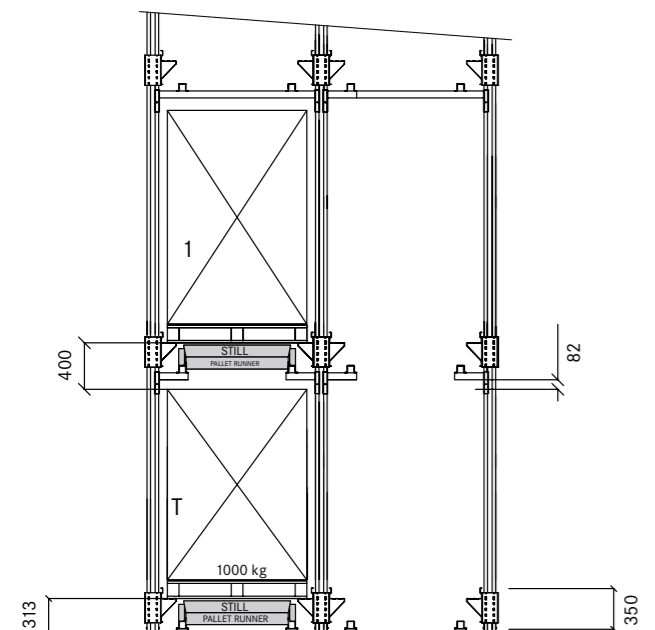
- electro mechanical drive module
- hydraulic lift module
- sensor module
- communication module

Batteries.

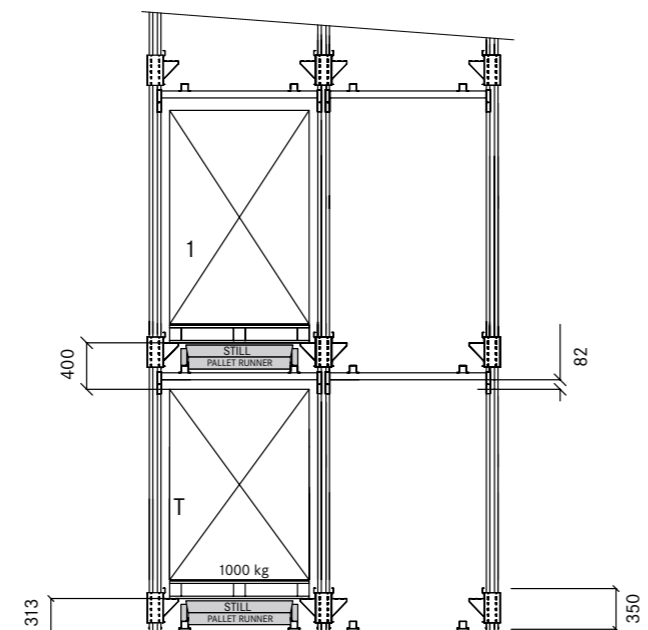
The Pallet Runner comes with on board power of special military grade none liquid high power batteries. The control module monitors the power and indicates when charging is needed. The standard operating time is 20 hours under normal conditions. The power set requires a specially adopted quick charger which is available. The communication between fork lift and the Pallet Runner is done by means of high frequency radio. For the small warehouse system there is a one way communication system with a radio transmitter hand held or mounted in the fork lift. The Pallet Runner communication will be integrated in the STILL Materialflow Management System via W-LAN for applications with several shuttles and lift trucks.



Front view.



Second rack.



Pallet Runner, capacity 1.000 kg, cold store appl. available,
Pallet Runner HD, capacity 1.500 kg.

model	Pallet dimension	A	B	C	D	E
85 (HD/C)	1200 x 800	1005	825	119	174	198
105 (HD/C)	1200 x 1000	1005	1025	119	174	198
125 (HD/C)	1200 x 1200	1005	1200	119	174	198
225 (HD/C)	1000 x 1200	855	1200	119	174	198

Pallet Runner S, capacity 1.000 kg, cold store appl. available

model	Pallet dimension	A	B	C	D	E
85 (S/C)	1200 x 800	1005	825	119	164	150
105 (S/C)	1200 x 1000	1005	1025	119	164	150
125 (S/C)	1200 x 1200	1005	1200	119	164	150
225 (S/C)	1000 x 1200	855	1200	119	164	150