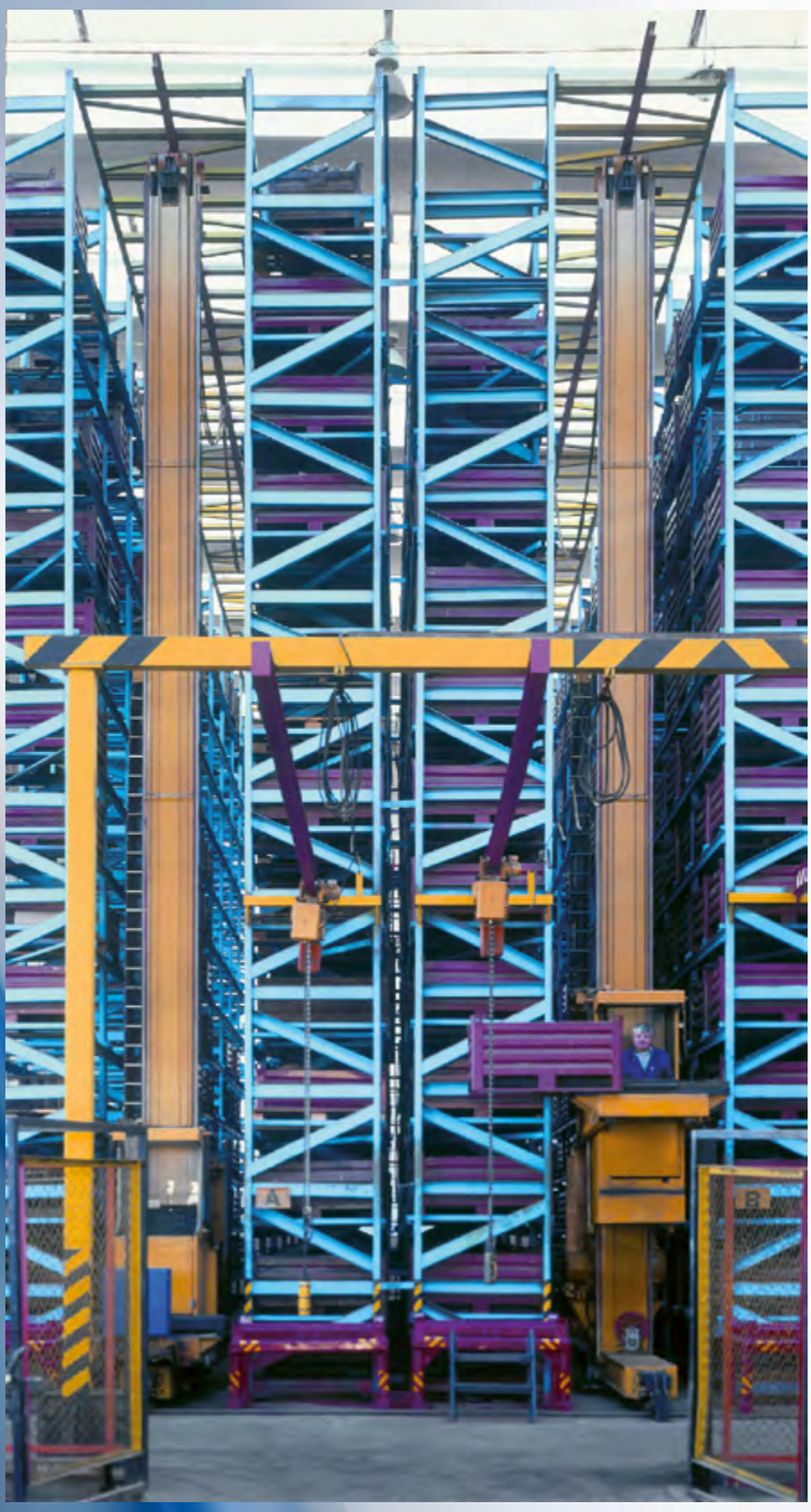
SKLADOVA TEHNIKA

JOINT-STOCK COMPANY

# STACKING MACHINES



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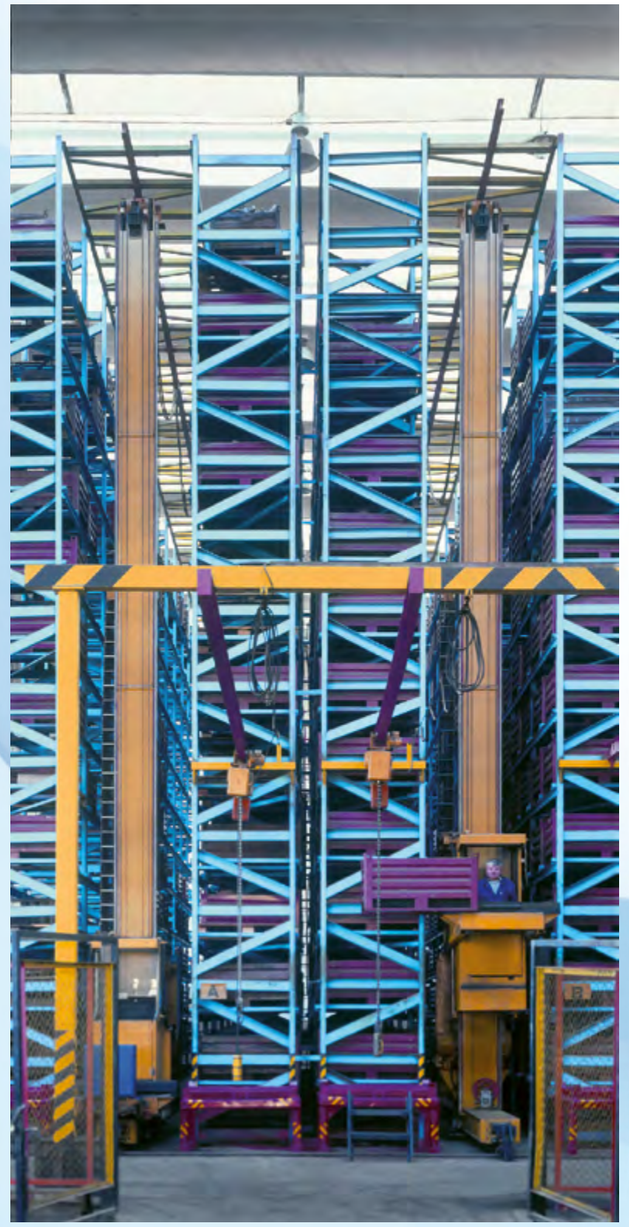
**Stacking machines**, are contemporary decision for handling palletized loads in high-racks warehouses. The stacking machine takes the palletized load with load-bearing device, moves on to the desired by the operator net, and by carrying out the device, leaves the pallet into it. Particular characteristic of the offered stacking machines is that they can quite easily operate in comparatively narrow corridors, which ensures effective usage of the warehouse area. Maintaining the machines is very simple, and controlling them is fast and easy to assimilate. The offered stacking machines conform to the requirements for technical safety and flawless operation.



**Type of Stacking machine:** **TC5M;TC10M;TC10H1**
**Capacity :** 500 and 1000 kg
**Lifting height:** from 4 up to 12 m(18)*

**Lifting speed:**
**Basic:** 16 (19)* m/min
**Microspeed:** 2 (2.4)* m/min

**Travelling speed:**
**Basic:** 80 or 63 m/min
**Transitional speed:** 20.5 or 17.3 m/min
**Microspeed:** 2.9 or 2.2 m/min

**Speed of carrying out the load :** 12m/min

**Supply:** three-phase-380V;50Hz

**Control:** manually from the cabin

**Operation conditions:**
**-indoor**
**-temperature from** -5 up to 40˚C
**-relative humidity** 90% at 20˚C
**-fire precaution class** - P II a
**-degree of protection** IP44

*The dimensions put in brackets are for stacking machine TC10H1.

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The stacking machines are equipped with various load bearing devices, conforming to the weight and the dimensions of the serviced pallets. The types of load bearing devices which equip the different stacking machines are shown in the following tables:

Stacking machines type TC5M

| Designation of the carrying device | Pallet dimensions mm | Corridor width mm | Maximum length of carrying out mm | Length of the load bearing block mm | Distance between the blocks mm | Capacity kN | Speed of carrying out m/min |
|---|---|---|---|---|---|---|---|
| ТУ145А | 1200 x 800 | 1000 | 925 | 850 | 860 | 10 | 12 |
| ТУ155А | 800 x 800 | 1000 | 925 | 850 | 540 | | |
| ТУ165А | 800 x 1200 | 1400 | 1325 | 1250 | | | |
| ТУ175А | 800 x 600 | 1000 | 925 | 850 | | | |
| ТУ185А | 600 x 800 | 1000 | 925 | 850 | 375 | | |

Stacking machines type TC10M;TC10H1

| Designation of the carrying device | Pallet dimensions mm | Corridor width mm | Maximum length of carrying out mm | Distance between the blocks mm | Distance between the blocks mm | Capacity kN | Speed of carrying out m/min |
|---|---|---|---|---|---|---|---|
| TPB145 | 1200 x 800 | 1000 | 975 | 900 | 860 | 10 | 12 |
| TPB155 | 800 x 800 | | | | 540 | | |
| TPB165 | 800 x 1200 | 1400 | 1325 | 1250 | | | |
| TPB175 | 800 x 600 | 1000 | 875 | 900 | | | |
| TPB185 | 800 x 1200 | 1510 | 1375 | 1300 | | | |

CONTACTS: phone: +359 618 60576, +359 88 921 88 15, e-mail: info@st-bg.com, www.st-bg.com

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