



Storage and retrieval machines

System components

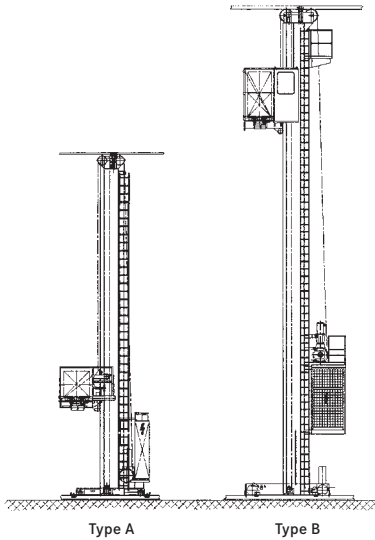
M
LOG

Single-mast S/R machine for pallets

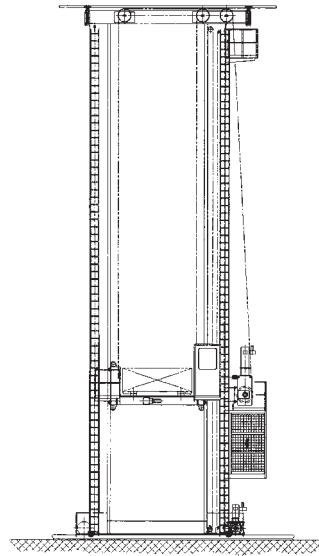
Double-mast S/R machine for pallets

Side-mast S/R machine for pallets

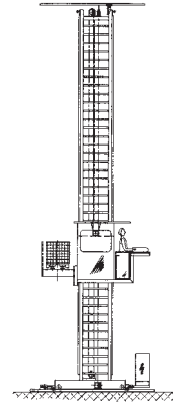
M SINGLE



M TWIN



M PICK



Overall height

up to 45 m

Payload

1,200/2 x 1,200 kg

Lifting Speed

up to 80 m/min

Travel Speed

up to 210 m/min

Load handling device

telescopic fork

(single deep/double deep/multiple deep)

double fork

(single deep/multiple deep)

deep-lane S/R trolley

(multiple deep)

special conditions for pallet handling

Overall height

up to 45 m

Payload

1,200/2 x 1,200 kg

Lifting Speed

up to 80 m/min

Travel Speed

up to 210 m/min

Load handling device

telescopic fork

(single deep/double deep/multiple deep)

double fork

(single deep/multiple deep)

deep-lane S/R trolley

(multiple deep)

special conditions for pallet handling

Overall height

up to 20 m

Payload

max. 1,600 kg

Payload per handling device

800/800 kg

Lifting Speed

up to 30 m/min

Travel Speed

up to 120 m/min

Load handling device

platform

roller table

mini roller table

telescopic fork (with ergonomic height adjustment)

swivelling fork

special conditions for pallet handling

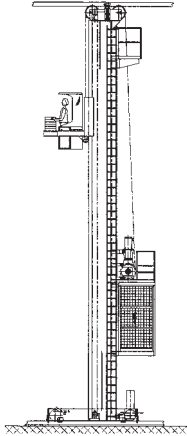
Camera system: A camera system may be mounted on the lifting carriage to record images and video sequences thus identifying faults and facilitating rapid, targeted troubleshooting. The use of video technology provides opportunities to significantly enhance availability across your entire system. The camera system monitors storage and retrieval operations and transmits the images via the TCP/IP network.

Single-mast S/R machine for pallets

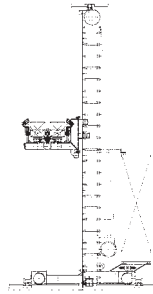
Single-mast miniload crane

Double-mast miniload crane

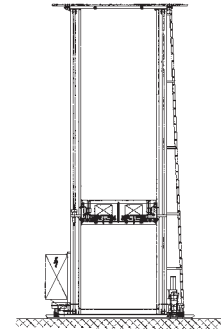
MORDER



MINI



MTWINI



Overall height

up to 30 m

Payload

max. 1,000 kg

Lifting Speed

up to 30 m/min

Travel Speed

up to 120 m/min

Load handling device

fixed fork

telescopic fork

rotating fork

special conditions for pallet handling

Overall height

up to 18 m

(special heights available upon request)

Payload

max. 300 kg

Payload per handling device

75/150/300 kg

Lifting Speed

up to 80 m/min

Travel Speed

up to 300 m/min

Load handling device

telescopic fork

push-pull device

pull-out device with belt conveyor

telescopic bracket with belt conveyor

Overall height

up to 24 m

(special heights available upon request)

Payload

max. 300 kg

Payload per handling device

75/150/300 kg

Lifting Speed

up to 80 m/min

Travel Speed

up to 300 m/min

Load handling device

telescopic fork

push-pull device

multiple platens

pull-out device with belt conveyor

telescopic bracket with belt conveyor

Energy efficiency: Our SRM's are equipped with the latest drive technology employing inverter controlled energy saving motors for all three axes of movement, thus ensuring that high energy efficiencies can be achieved. Furthermore, the energy generated during the braking processes may be fed back into the power grid and used to supply other consumer units.

Please note: All specifications refer to our standard range. We also offer customised solutions for alternative unit loads, weights, etc. Please do not hesitate to contact us to discuss your specific requirements.



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