

- ▶ Aluminum crane system SRA with a chain hoist
- ▼ Wall-mounted jib crane WK with vacuum tube lifter Jumbo



Crane Systems – The Easy Way.

We have drawn on all of our experience and expertise as system manufacturers to create our Schmalz crane systems. Thanks to their consistently lightweight design, they are the perfect addition to your vacuum tube lifter Jumbo or vacuum lifting device VacuMaster. Whether as a jib crane or a crane system, the Schmalz modular system enables perfect integration into your working environment. Even as a stand-alone solution, the modern crane system provides numerous advantages for your benefit.

Aluminum Crane Systems

Lift Capacity up to 1,200 kg



Aluminum crane system SRA with a chain hoist and lifting device VacuMaster



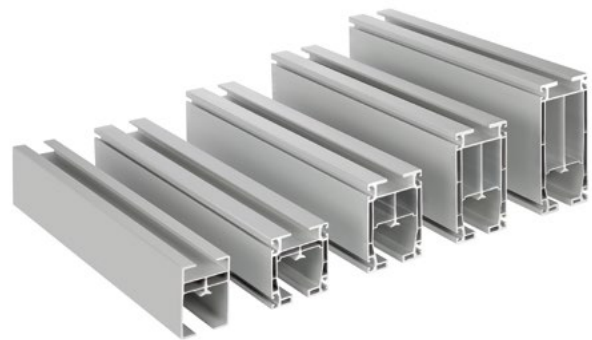
Aluminum crane system SRA with chain hoist and lifting device VacuMaster

APPLICATION

- Flexible modular system for the assembly of individual crane solutions
- Used in nearly all in-house handling and logistics processes

PRODUCT HIGHLIGHTS

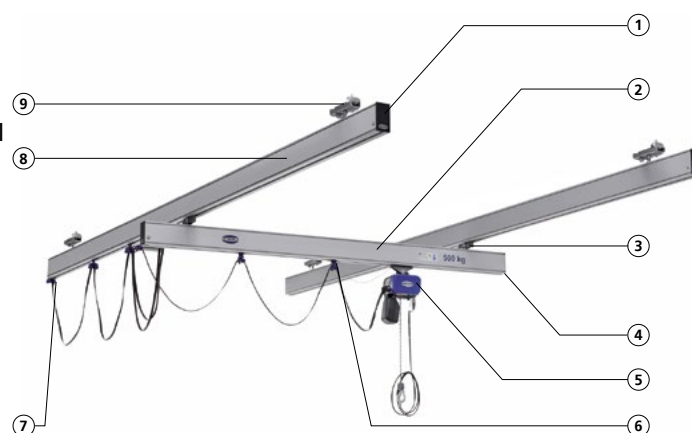
- Optimally adjustable to the nominal lift capacity of the tube lifter or lifting device
- Outstanding low-friction operation and low moving mass
- High-quality wear-resistant components
- Modern design with anodized surfaces
- Speeds up working processes and enables high-precision positioning
- Supports ergonomic operation while reducing strain on workers



Aluminum crane sections SRA

DESIGN AND FUNCTION

- Crane runway and crane girder made of aluminum sections SRA
- Extremely resistant to bending and torsion forces
- Can be configured as a single-girder, double-girder or monorail crane system
- Several crane girders (bridges) can be used in one crane system
- Crane runways can be extended as needed using rail connectors; also for existing cranes
- Optimized energy supply
- Easy to install on a ceiling or portal construction using rigid or height-adjustable suspension elements
- Flexible adjustable working area with variable end stops



- ① End plate
- ② Crane girder made of aluminum crane section SRA
- ③ Transport trolley, fork versions
- ④ End stops, 1x fixed and 1x adjustable
- ⑤ Chain hoist
- ⑥ Cable trolley for the energy supply
- ⑦ Terminal clamp for the energy supply
- ⑧ Crane runway made of aluminum crane section SRA, weighs as little as 3 kg/m
- ⑨ Suspension of the crane runway, rigid or movable, height-adjustable

Aluminum Jib Cranes

Lift Capacity up to 1,000 kg



Column-mounted jib crane SK with chain hoist and lifting device VacuMaster



Wall-mounted jib crane WK with tube lifter Jumbo

APPLICATION

- Workplace crane solution for ergonomic and efficient handling of loads
- Available as a column-mounted or wall-mounted jib crane

PRODUCT HIGHLIGHTS

- Optimally adjustable to the nominal lift capacity of the tube lifter or lifting device
- Outstanding low-friction operation and low moving mass
- High-quality wear-resistant components
- Modern design with anodized surfaces
- Speeds up working processes and enables high-precision positioning
- Supports ergonomic operation while reducing strain on workers

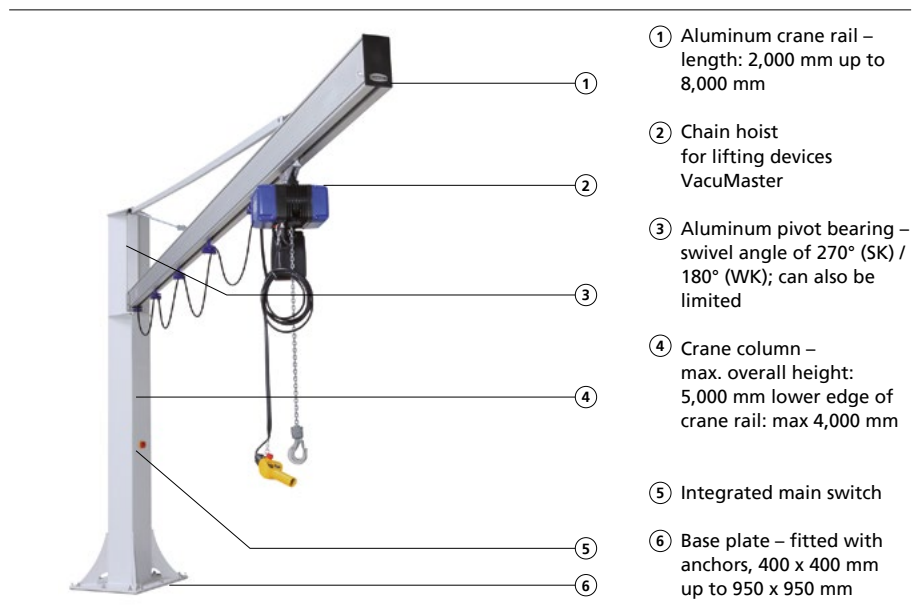
DESIGN AND FUNCTION

Column-mounted jib crane SK

- Aluminum crane rail and pivot bearing
- Steel crane column, optional with integrated motor-protection switch
- Already fitted with anchors for floor mounting without additional intermediate plates
- Optionally available with a mobile base plate for easy transport using a forklift or pallet truck

Wall-mounted jib crane WK

- With the same jib boom as the column-mounted jib cranes
- Mounted using a wall bracket or clasp bracket (for example on a building column in a production room)



Type	Max. lift capacity											
	45 kg	65 kg	80 kg	85 kg	110 kg	125 kg	140 kg	200 kg	300 kg	350 kg	650 kg	1,000 kg
Jib crane for Jumbo*	▶											
Universal jib crane (for use with chain hoist/VacuMaster)	▶											

*The load classes correspond to the nominal lift capacities of the tube lifter Jumbo. The tube lifter's weight has already been taken into account.

CRANE SOLUTIONS FOR CONFINED SPACES



Modular flat jib
for particularly low ceilings

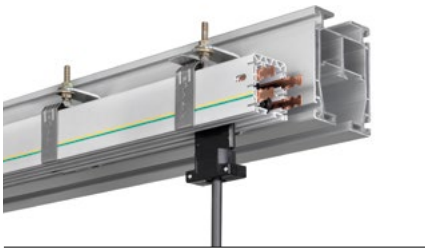


Articulated-arm jib
to move around obstacles



Telescopic jib
for confined working areas

ACCESSORIES



Conductor line SCL

Wireless Power Supply for Crane Systems

- The conductor line SCL provides electricity to all the devices carried along with the crane, such as a chain hoist or vacuum lifting device
- There are no cable storage devices or cable loops to cause interference
- Available in five different lengths ranging from 500 to 4,000 mm (can be expanded as needed)
- UL certified

Chain Hoists

Lift Capacity up to 2,500 kg



Chain hoist SCH

Powerful and Durable – the Schmalz Chain Hoist SCH

- Durable chain hoist with standard limit switches and phosphate-coated, case-hardened steel profile chain
- High-quality pressure-cast aluminum housing with molded cooling fins
- Plug & play connector, the chain hoist arrives ready to use
- Gearboxes with helical gearing make them responsive
- The control voltage of 42 V and the emergency-stop function ensure extremely safe operation
- Robust operator element can be put on the operator handle of the VacuMaster
- CSA certified (USA/Canada)
- Standard lifting height of 3,000 mm, optional variable chain length
- Available with optional frequency control for sensitive positioning