

ST
Electric chain hoist with suspension hook or with integrated trolley

Capacity 250 - 2000 kg

Users, crane manufacturers and systems manufacturers appreciate the robust classic which proves itself in operation day after day. It is powerful, reliable and undemanding as regards maintenance and power consumption. The supervised series production of the standard components brings you economic advantages. And in conjunction with the precise manufacture of off-standard components, the ST chain hoist is an acknowledged top level quality product.

The modular system permits numerous combinations of the sub-assemblies to achieve your individual solutions. The ST series from STAHL CraneSystems is available in 6 load capacity variants for the load capacity range from 125 kg to 6300 kg. The chain hoists can be used as stationary models with suspension hook or eye, with rigid suspension or with a push trolley. Or when completed by an electric trolley, they are mounted on standard cranes, off-standard cranes or in systems manufacture. The technical highlight that makes the patented ST chain hoist one of the safest around is its direct suspension from the solid cast iron chain guide.

Features

- Extensive chain hoist range for lifting capacities from 125 kg to 6300 kg
- Suspension directly from the chain guide of solid cast iron
- Easy inspection and maintenance of the chain drive thanks to overmounted drive shaft
- Optionally with frequency inverters for lifting and travel from Magnetek
- Extremely short and compact construction ensures that space can be utilised to the maximum
- High ISO classification according to FEM/ISO standards
- Optionally available in explosion-protected design complying with ATEX and IECEx

INFO

STAHL CraneSystems hoists are not designed for passenger elevation applications and must not be used for this purpose.

Technical data ST - with suspension hook

Model	Art.-No.	Capacity in kg/ Number of chain falls	Lifting speed m/min	Classification FEM/ISO	Motor rating ED %	Hoist motor rating kW
ST 0502-8/2 [1]	A70109458	250 1/1	8/2	1Am/M4	35/15	0.4/0.1
ST 0502-8/2 [1]	A70109527	500 2/1	4/1	1Am/M4	35/15	0.4/0.1
ST 1005-8/2 [1]	A70109530	500 1/1	8/2	1Am/M4	40/20	0.8/0.2
ST 1005-8/2 [1]	A70109532	1000 2/1	4/1	1Am/M4	40/20	0.8/0.2
ST 2010-8/2 [2]	–	1000 1/1	8/2	2m/M5	40/20	1.5/0.37
ST 2010-8/2 [2]	–	2000 2/1	4/1	2m/M5	40/20	1.5/0.37

Technical data ST - with push trolley

Model	Art.-No.	Capacity in kg/ Number of chain falls	Lifting speed m/min	Classification FEM/ISO	Motor rating ED %	Hoist motor rating kW	Flange width mm
ST 0502-8/2 [1]	A70109528	250 1/1	8/2	1Am/M4	35/15	0.4/0.1	42-180
ST 0502-8/2 [1]	A70109528	500 2/1	4/1	1Am/M4	35/15	0.4/0.1	42-180
ST 1005-8/2 [2]	–	500 1/1	8/2	1Am/M4	40/20	0.8/0.2	42-180
ST 1005-8/2 [2]	–	1000 2/1	4/1	1Am/M4	40/20	0.8/0.2	58-300
ST 2010-8/2 [2]	–	1000 1/1	8/2	2m/M5	40/20	1.5/0.37	58-300
ST 2010-8/2 [2]	–	2000 2/1	4/1	2m/M5	40/20	1.5/0.37	66-300

Technical data ST - with geared trolley

Model	Art.-No.	Capacity in kg/ Number of chain falls	Lifting speed m/min	Classification FEM/ISO	Motor rating ED %	Hoist motor rating kW	Flange width mm	Travel speed m/min
ST 0502-8/2 [2]	–	250 1/1	8/2	1Am/M4	35/15	0.4/0.1	42-180	20/5
ST 0502-8/2 [1]	A70109540	500 2/1	4/1	1Am/M4	35/15	0.4/0.1	42-180	20/5
ST 1005-8/2 [2]	–	500 1/1	8/2	1Am/M4	40/20	0.8/0.2	42-180	20/5
ST 1005-8/2 [1]	A70109538	1000 2/1	4/1	1Am/M4	40/20	0.8/0.2	58-300	20/5
ST 2010-8/2 [2]	–	1000 1/1	8/2	2m/M5	40/20	1.5/0.37	58-300	20/5
ST 2010-8/2 [2]	–	2000 2/1	4/1	2m/M5	40/20	1.5/0.37	66-300	20/5

Supply voltage 380 – 415 V, 50 Hz (at ST 05: 380 – 400 V), operating voltage 48 VAC, contactor control with converter, control unit for 2-stage speeds, protection IP55. Optionally with travel limit switch and towing arm. Not included in scope of delivery: Limit switch, timer and temperature monitoring.
[1] Delivery time 48h ex works Wuppertal, [2] Delivery time on request

INFO

Other options on request!

Festooned cable systems please see pages 160 - 161.

