

STAHL ST ELECTRIC HOIST SPECIFICATIONS AND DIMENSIONS

Capacity	FEM	m/min	Type	Motor data		
				kW	%ED	c/h
125	3m (M6)	8/2	ST 0501-8/2 1/1	0.2/0.05	35/15	240/480
250	1Am (M4)	8/2	ST 0502-8/2 1/1	0.4/0.1	35/15	120/240
500	1Am(M4)	4/1	ST 0502-8/2 2/1	0.4/0.1	35/15	120/240
		8/2	ST 1005-8/2 1/1	0.8/0.2	40/20	120/240
		12/3	ST 1005-12/3 1/1	1.2/0.3	40/20	120/240
1000	1Am (M4)	4/1	ST 1005-8/2 2/1	0.8/0.2	40/20	120/240
		6/1.5	ST 1005-12/3 2/1	1.2/.3	40/20	120/240
		8/2	ST 2010-8/2 1/1	1.5/0.37	40/20	120/240
		12/3	ST 2010-12/3 1/1	2.3/0.57	40/20	120/240
1600	1Bm (M3)	8/2	ST 3016-8/2 1/1	2.3/0.57	40/20	120/240
	(M5)	8/2	ST 3216-8/2 1/1	2.4/0.6	40/20	120/240
	(M4)	12/3	ST 3216-12/3 1/1	3.8/0.9	33/17	100/200
2000	1Am (M4)	4/1	ST 2010-8/2 2/1	1.5/0.37	40/20	120/240
		6/1.5	ST 2010-12/3 2/1	2.3/0.57	40/20	120/240
2500	1Am (M4)	6.3/1.5	ST 5025-6/1 1/1	3.0/0.76	40/20	120/240
		8/2	ST 5025-8/2 1/1	3.8/0.9	33/17	100/200
3200	1Bm (M3)	4/1	ST 3016-8/2 2/1	2.3/0.57	40/20	120/240
	2m(M5)	4/1	ST 3216-8/2 2/1	2.4/0.6	40/20	120/240
	1Am(M4)	6/1.5	ST 3216-12/3 2/1	3.8/0.9	33/17	100/200
5000	1Am (M4)	3.2/0.75	ST 5025-6/1 2/1	3.0/0.76	40/20	120/240
		4/1	ST 5025-8/2 2/1	3.8/0.9	33/17	100/200

Chain collectors for greater lifting heights			
Hoist type	Single fall	Two fall	Material
ST05	7	3.5	Plastic
	25	12.5	Textile
	16	8	Textile
	22	11	Textile
ST32	6	3	Plastic
	12	6	Textile
	20	10	Textile
ST30	6	3	Plastic
	10	5	Textile
	20	10	Textile
ST50	8	4	Textile
	12	6	Textile
	30	15	Steel

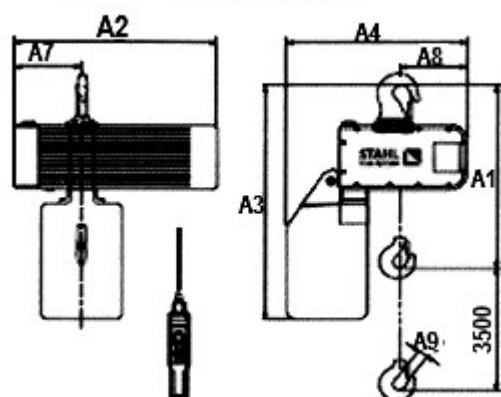
OPTIONS

		STANDARD	OPTIONAL EXTRAS
Ambient Temperature		-20°C up to +40°C	to +50°C
Protection to IEC/EN 60529		IP55	IP66
Paint	Colour	Greyish black/yellow-green RAL 7021/6018	All other colours from RAL colour chart
	DFT	80µm	120µm to 240µm
	Paint	Polyurethane topcoat	Epoxy-resin base (240µm)
Control Pendants		STH 1 control pendant with emergency stop palm button	Radio remote control in push button or joystick version
			Move it one-hand control switch
Control		Contactor control including main contactor	For crane manufacturers, contactor control without transformer and without crane switch contactor
			Direct control (ST05-ST20)
Hoist motor control		Pole-changing	Frequency controlled
Travel motor control	50Hz	20 m/min	2.5/10 m/min and 5/20 m/min
	60Hz	25 m/min	3.2/12.5 m/min and 6.3/25 m/min pole-changing or frequency controlled
Motor supply voltage	50Hz/60Hz	380-415V ST05 also 380- 400V or 415V	All voltages possible
Chain	Grade 8 to DIN 5684	Galvanised	Stainless steel chain, off-standard chain (hardened)
	Safety Factor	>5.0	/
Chain Guide		Grey cast iron EN GJS	Sandwich chain guide made of hardened spring steel plates
Chain box		Plastic, textile	Sheet steel

DIMENSIONS

[illegible]

Chain hoist with hook suspension



Chain hoist with trolley

