

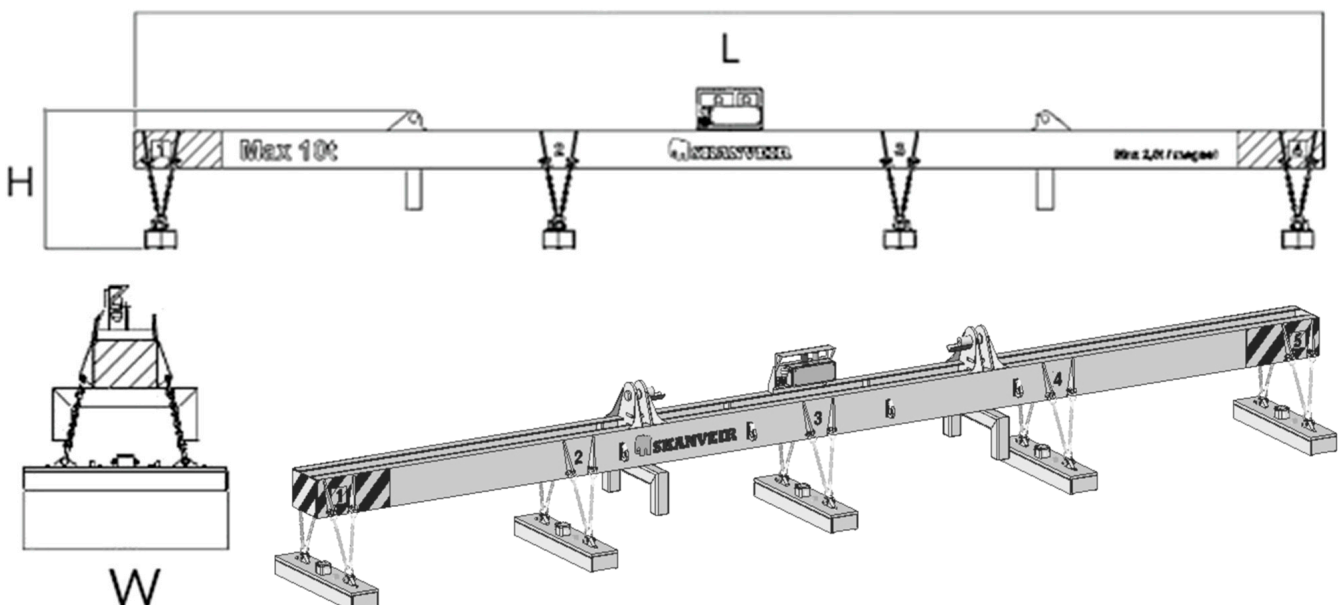
Magnetic Lifters M200x1000 series

Fixed length magnet beams for 12 m plate



Model	M200x1000-14B-6t	M200x1000-15B-8t	M200x1000-16B-10t
Characteristics	Light usage, for 1 or 2 hooks, lifts 1 plate		
Rated lifting capacity	6 000 kg	8 000 kg	10 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	200 mm x 1000 mm	200 mm x 1000 mm	200 mm x 1000mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	1600 kg	1700 kg	2100 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



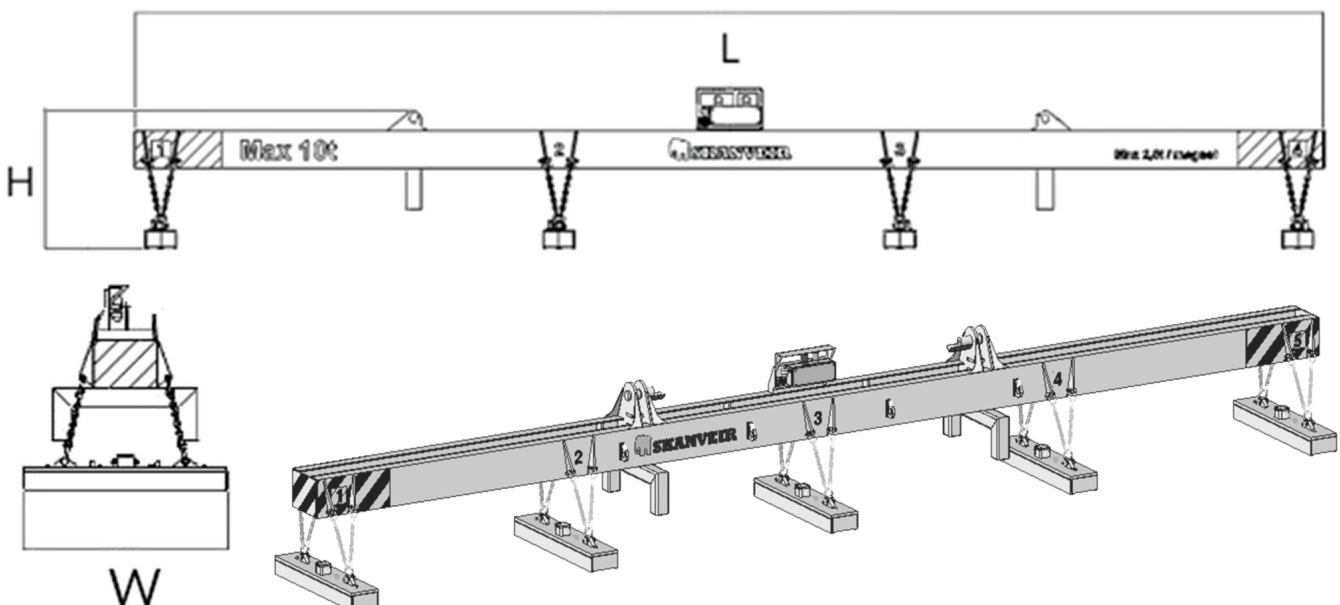
Magnetic Lifters M200x1250 series

Fixed length magnet beams for 12 m plate



Model	M200x1250-14B-8t	M200x1250-15B-10t	M200x1250-16B-12t
Characteristics	Light usage, for 1 or 2 hooks, lifts 1 plate		
Rated lifting capacity	8 000 kg	10 000 kg	12 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	200 mm x 1250 mm	200 mm x 1250 mm	200 mm x 1250mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	1700 kg	2100 kg	2300 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



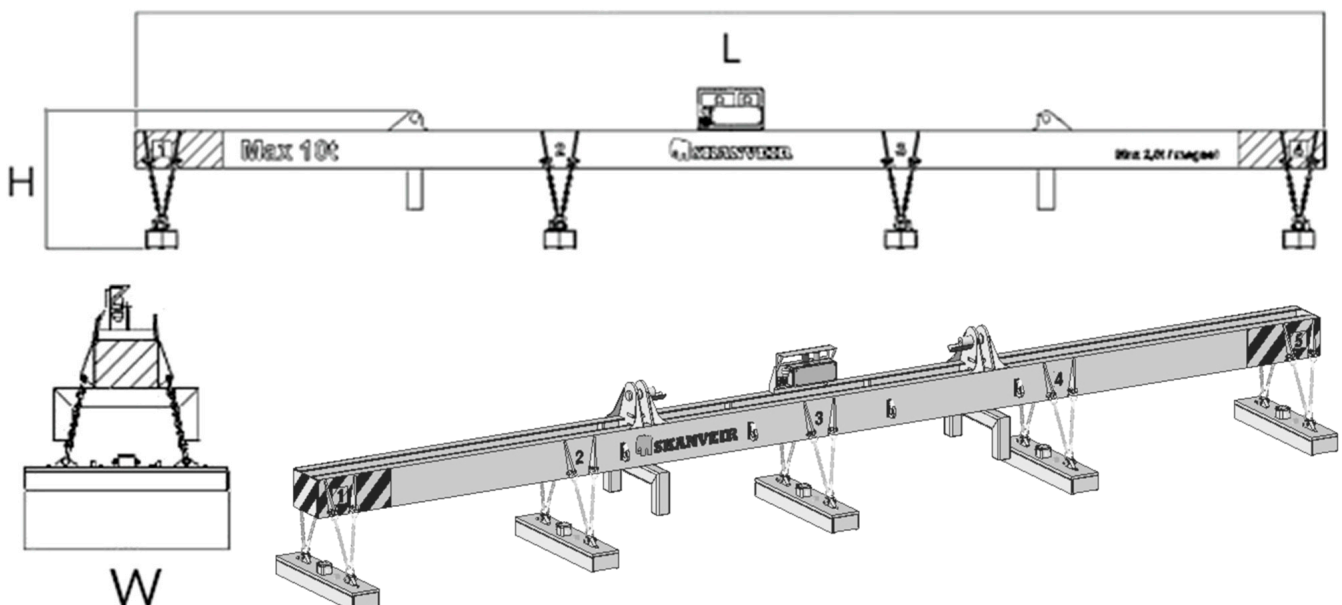
Magnetic Lifters M250x1000 series

Fixed length magnet beams for 12 m plate



Model	M250x1000-14B-8t	M250x1000-15B-10t	M250x1000-16B-12t
Characteristics	Light usage, for 1 or 2 hooks, lifts 2-3 plates 5-12mm thick		
Rated lifting capacity	8 000 kg	10 000 kg	12 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	250 mm x 1000 mm	250 mm x 1000 mm	250 mm x 1000mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	1900 kg	2300 kg	2600 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



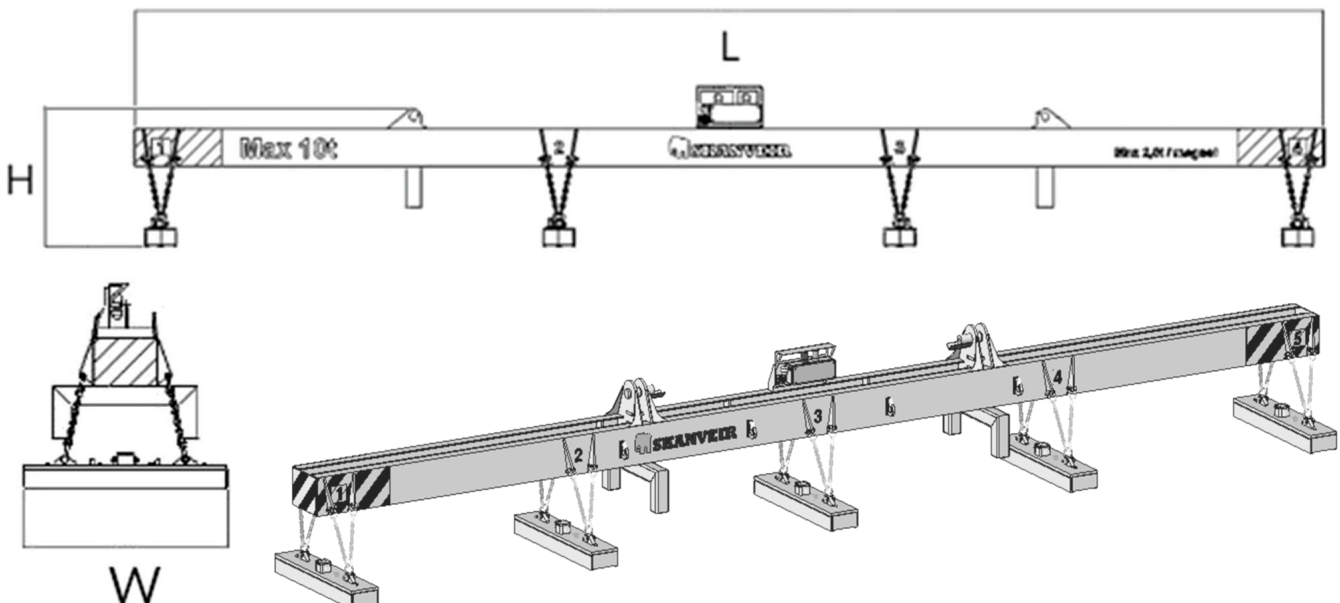
Magnetic Lifters M250x1250 series

Fixed length magnet beams for 12 m plate



Model	M250x1250-14B-10t	M250x1250-15B-12t	M250x1250-16B-15t
Characteristics	Light usage, for 1 or 2 hooks, lifts 2-3 plates 5-12mm thick		
Rated lifting capacity	10 000 kg	12 000 kg	15 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	250 mm x 1250 mm	250 mm x 1250 mm	250 mm x 1250mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	2200 kg	2400 kg	2700 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



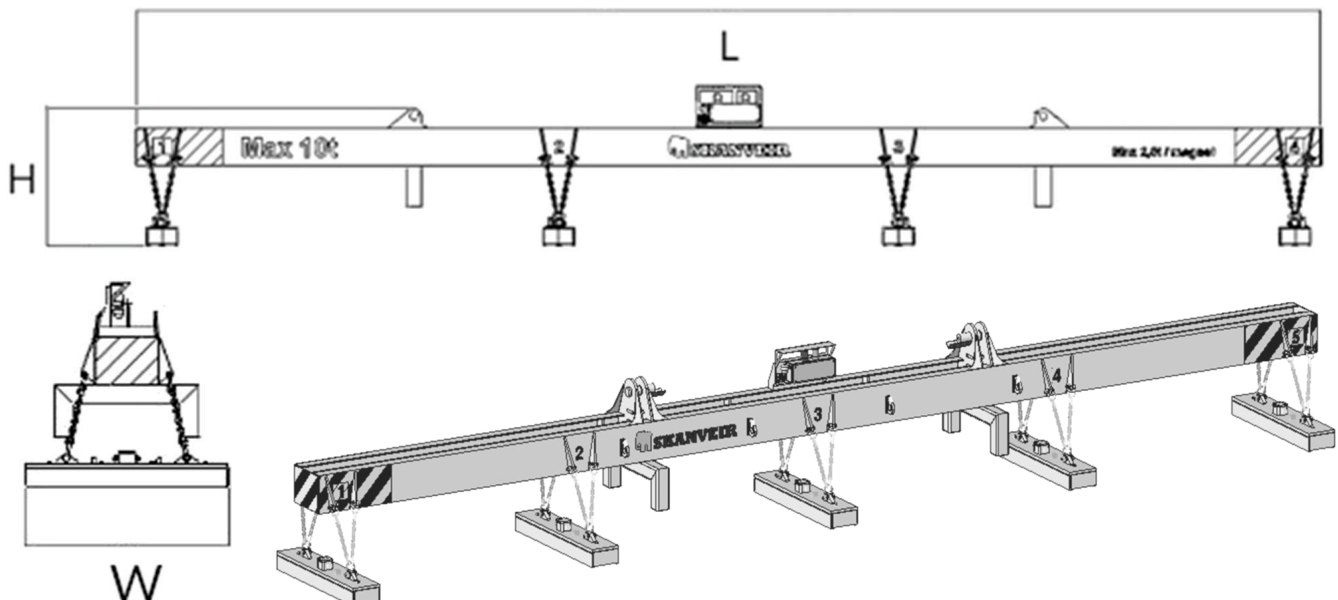
Magnetic Lifters M300x1000 series

Fixed length magnet beams for 12 m plate



Model	M300x1000-14B-10t	M300x1000-15B-12t	M300x1000-16B-15t
Characteristics	Light usage, for 1 or 2 hooks, lifts max 2-4 plates 5-15mm thick		
Rated lifting capacity	10 000 kg	12 000 kg	15 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	300 mm x 1000 mm	300 mm x 1000 mm	300 mm x 1000mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	2700 kg	3000 kg	3700 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



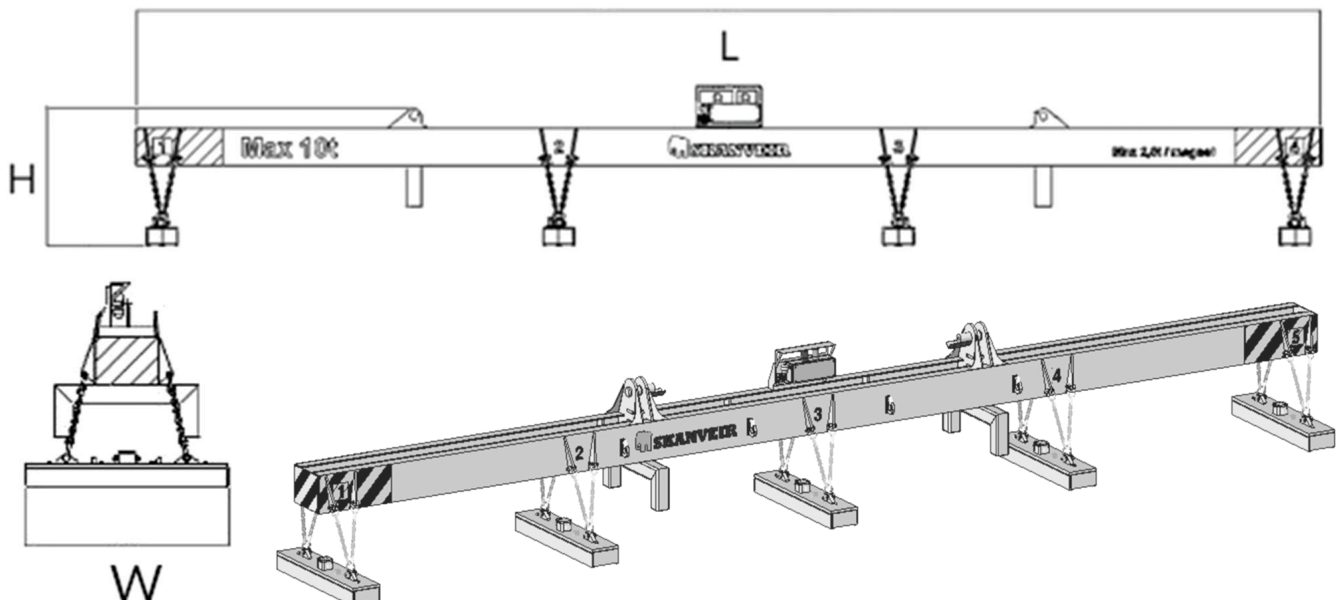
Magnetic Lifters M300x1250 series

Fixed length magnet beams for 12 m plate



Model	M300x1250-14B-12t	M300x1250-15B-15t	M300x1250-16B-20t
Characteristics	Light usage, for 1 or 2 hooks, lifts max 2-4 plates 5-15mm thick		
Rated lifting capacity	12 000 kg	15 000 kg	20 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	300 mm x 1250 mm	300 mm x 1250 mm	300 mm x 1250mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	3000 kg	3400 kg	4100 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



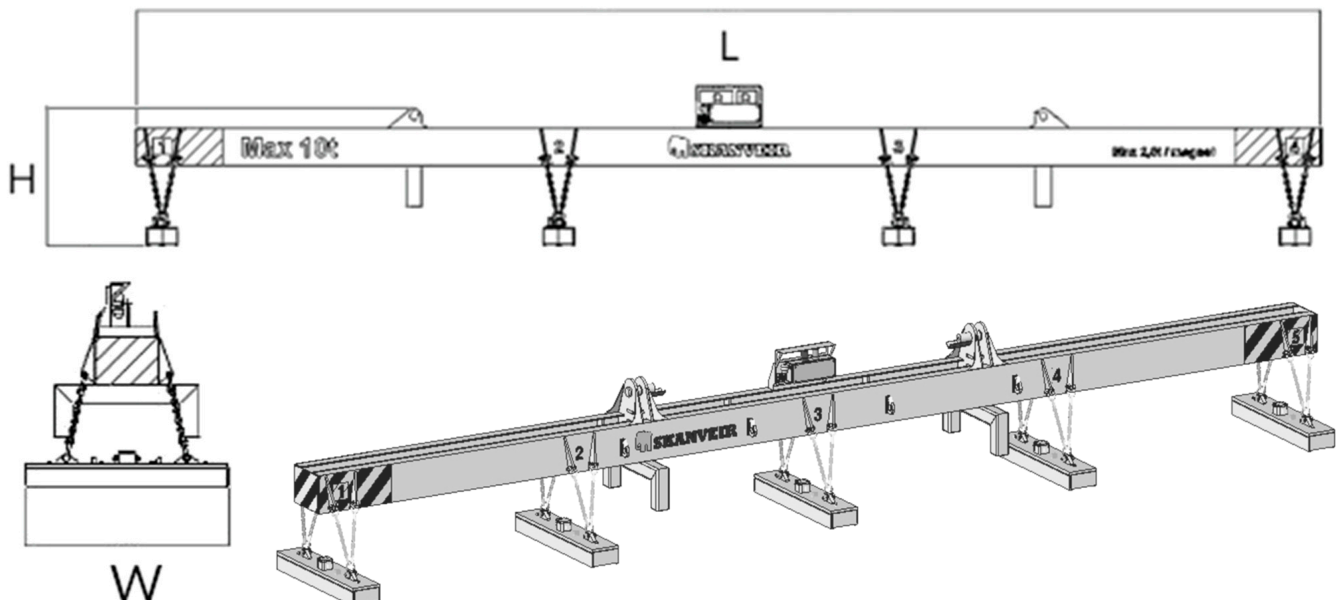
Magnetic Lifters M400x1000 series

Fixed length magnet beams for 12 m plate



Model	M400x1000-14B-12t	M400x1000-15B-15t	M400x1000-16B-20t
Characteristics	Light usage, for 1 or 2 hooks, lifts max 3-5 plates 5-20mm thick		
Rated lifting capacity	12 000 kg	15 000 kg	20000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	400 mm x 1000 mm	400 mm x 1000 mm	400 mm x 1000mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	3400 kg	4000 kg	4800 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



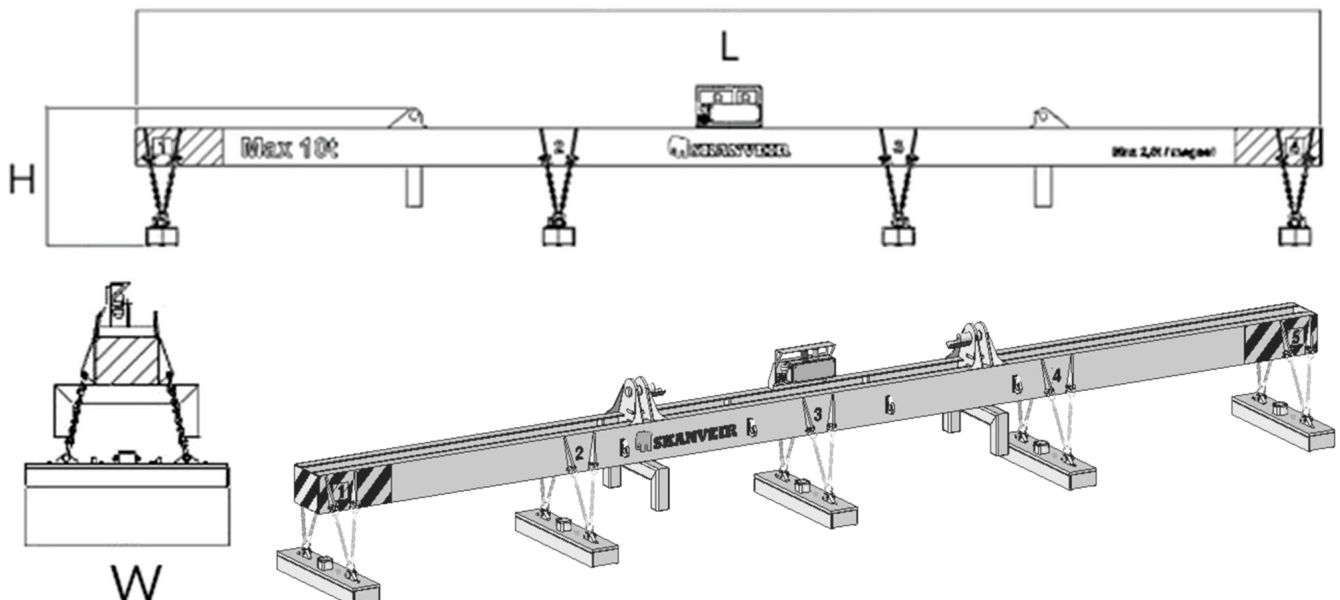
Magnetic Lifters M400x1250 series

Fixed length magnet beams for 12 m plate



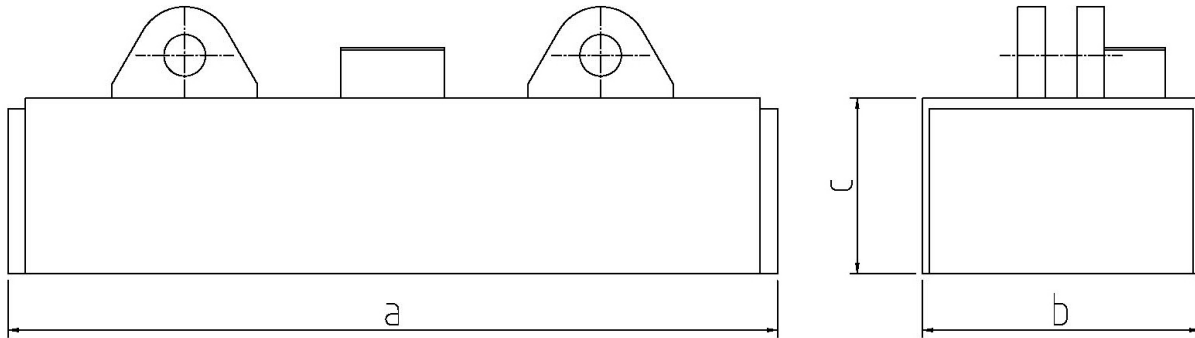
Model	M400x1250-14B-15t	M400x1250-15B-20t	M400x1250-16B-25t
Characteristics	Light usage, for 1 or 2 hooks, lifts max 3-5 plates 5-20mm thick		
Rated lifting capacity	15 000 kg	20 000 kg	25 000 kg
Number of magnets	4 pcs	5 pcs	6 pcs
Magnet size	400 mm x 1250 mm	400 mm x 1250 mm	400 mm x 1250mm
Dimensions ca. L x W x H	5,5 m x 1 m x 1,2 m	7,5 m x 1 m x 1,2 m	9,5 m x 1 m x 1,2 m
Total weight	4400 kg	5100 kg	5800 kg
Electrical connection	3~ 400 V 50 Hz	3~ 400 V 50 Hz	3~ 400 V 50 Hz

Dimension drawings



Rectangular Lifting Magnet

Standard set, series 225

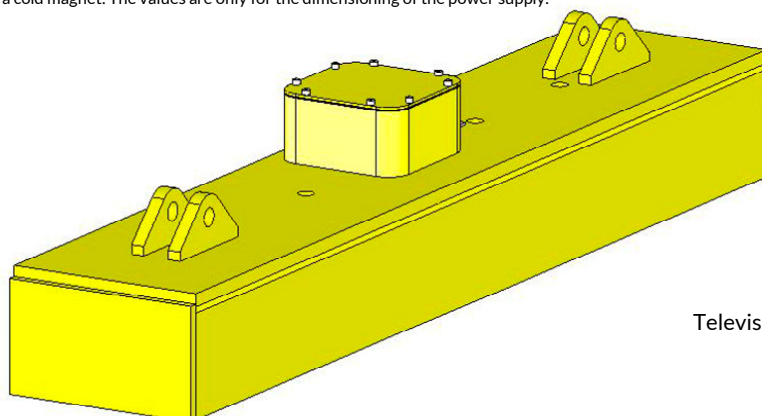


Type	Release power with air gap ¹⁾		Power consumption ²⁾	Voltage ³⁾	Current ²⁾	Measures			Weight
	b/300	b/100				a	b	c	
	kN	kN	kW	V _{DC}	A	mm	mm	mm	kg
MS225x800	53	38	0,90	110	8,2	800	225	200	180
MS225x1000	69	49	1,00	110	9,1	1000	225	200	230
MS225x1200	81	45	1,05	110	9,6	1200	225	200	270
MS225x1400	96	61	1,26	110	11,5	1400	225	200	310
MS225x1600	136	95	1,50	110	13,7	1600	225	185	360
MS225x1800	153	99	1,57	110	14,3	1800	225	185	400
MS225x2000	174	124	2,00	110	18,2	2000	225	185	450
MS225x2200	186	126	2,10	110	19,1	2200	225	185	490

¹⁾ The release forces are 50% for an operating temperature magnet driven with a duty cycle. The release force depends on the air gap between the magnet and the part to be lifted, as well as the thickness and composition of the material to be lifted. The values apply to low carbon steel. 1kN=102kgs.

²⁾ Power consumption and current are for a cold magnet. The values are only for the dimensioning of the power supply.

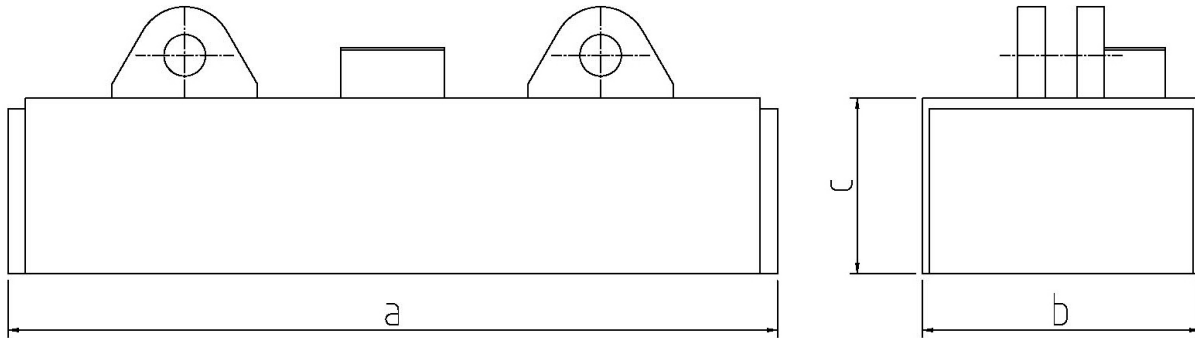
³⁾ Also available with other voltages.



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Rectangular Lifting Magnet

Standard set, series 300

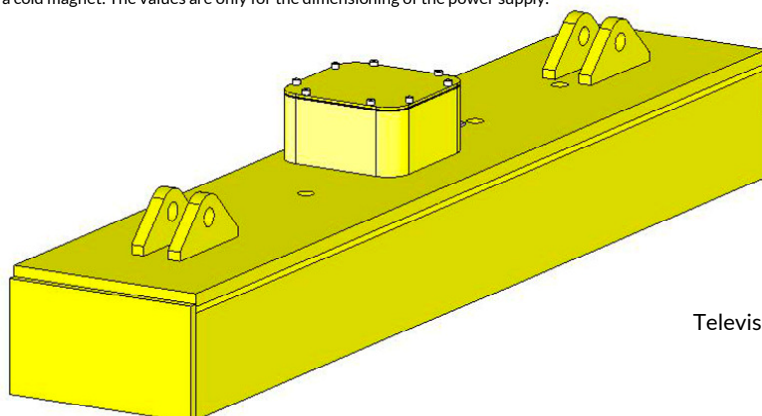


Type	Release power with air gap ¹⁾		Power consumption ²⁾	Voltage ³⁾	Current ²⁾	Measures			Weight
	b/300	b/100				a	b	c	
	kN	kN	kW	V _{DC}	A	mm	mm	mm	kg
MS300x800	87	59	1,25	110	11,4	800	300	195	260
MS300x1000	115	79	1,65	110	15,0	1000	300	195	320
MS300x1200	145	77	1,7	110	15,4	1200	300	195	380
MS300x1400	189	107	2,1	110	19,1	1400	300	195	450
MS300x1600	215	149	2,1	110	19,1	1600	300	200	570
MS300x1800	247	157	2,2	110	20,0	1800	300	200	640
MS300x2000	272	190	2,5	110	22,7	2000	300	210	750
MS300x2200	303	197	2,7	110	24,5	2200	300	210	820

¹⁾ The release forces are 50% for an operating temperature magnet driven with a duty cycle. The release force depends on the air gap between the magnet and the part to be lifted, as well as the thickness and composition of the material to be lifted. The values apply to low carbon steel. 1kN=102kgs.

²⁾ Power consumption and current are for a cold magnet. The values are only for the dimensioning of the power supply.

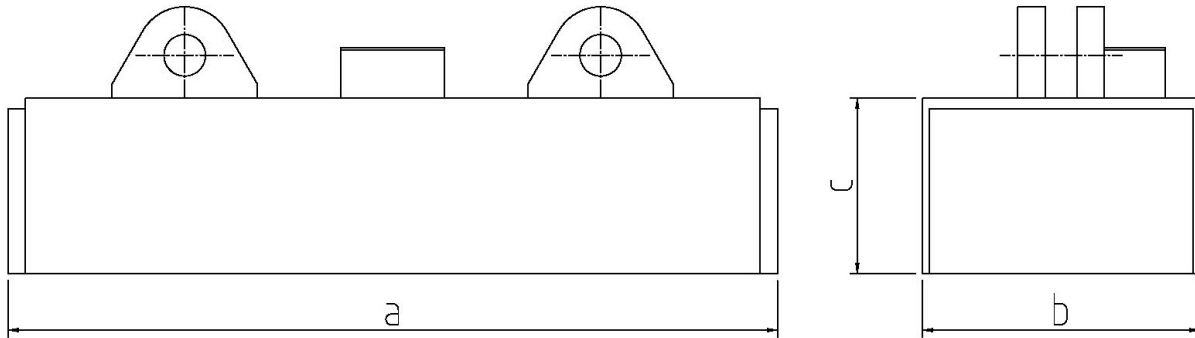
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Rectangular Lifting Magnet

Standard set, series 320

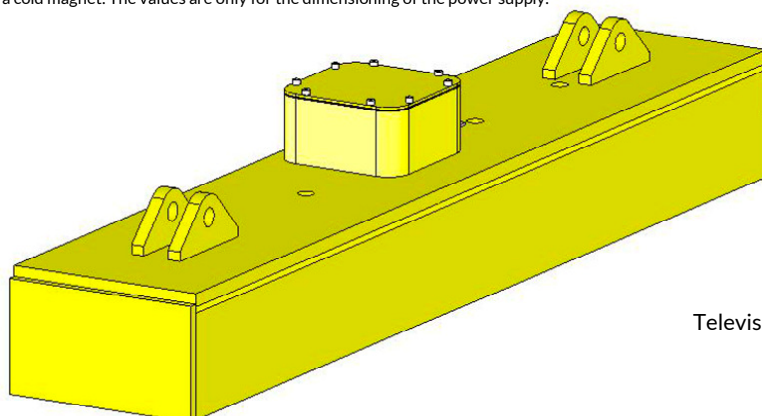


Type	Release power with air gap ¹⁾		Power consumption ²⁾	Voltage ³⁾	Current ²⁾	Measures			Weight
	b/300	b/100				a	b	c	
	kN	kN	kW	V _{DC}	A	mm	mm	mm	kg
MS320x800	93	71	1,64	220	7,5	800	320	215	280
MS320x1000	118	92	2,0	220	9,1	1000	320	215	370
MS320x1200	159	105	2,0	220	9,1	1200	320	215	430
MS320x1400	200	136	2,5	220	11,4	1400	320	215	510
MS320x1600	211	158	2,6	220	11,8	1600	320	210	610
MS320x1800	252	177	2,7	220	12,3	1800	320	210	690
MS320x2000	273	206	3,0	220	13,6	2000	320	220	810
MS320x2200	307	221	3,4	220	15,4	2200	320	220	890

¹⁾ The release forces are 50% for an operating temperature magnet driven with a duty cycle. The release force depends on the air gap between the magnet and the part to be lifted, as well as the thickness and composition of the material to be lifted. The values apply to low carbon steel. 1kN=102kgs.

²⁾ Power consumption and current are for a cold magnet. The values are only for the dimensioning of the power supply.

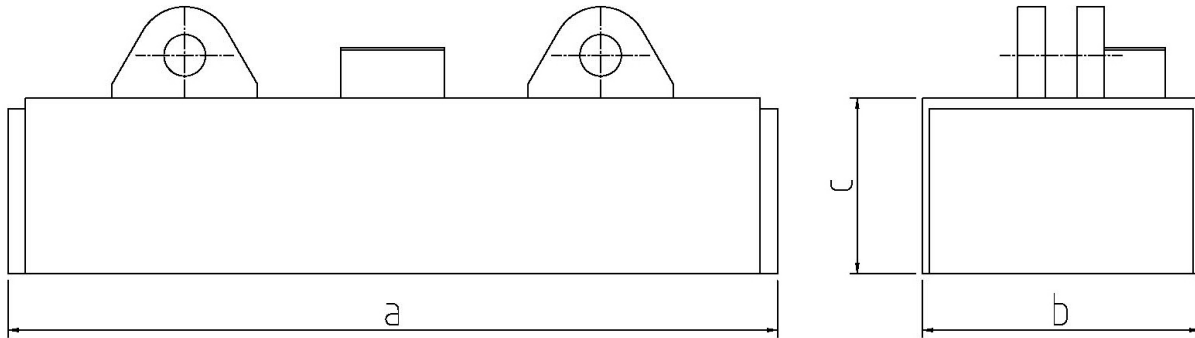
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Rectangular Lifting Magnet

Standard set, series 400

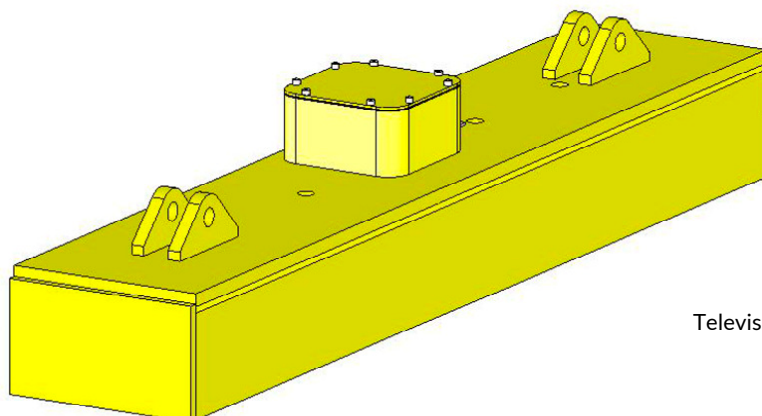


Type	Release power with air gap ¹⁾		Power consumption ²⁾	Voltage ³⁾	Current ²⁾	Measures			Weight
	b/300	b/100				a	b	c	
	kN	kN	kW	V _{DC}	A	mm	mm	mm	kg
MS400x1000	184	153	2,8	220	12,6	1000	400	300	650
MS400x1200	239	186	3,2	220	14,6	1200	400	300	790
MS400x1400	305	243	3,6	220	16,6	1400	400	300	940
MS400x1600	255	210	3,7	220	16,9	1600	400	270	980
MS400x1800	335	263	4,3	220	19,5	1800	400	275	1170
MS400x2000	380	310	5,0	220	22,7	2000	400	305	1440
MS400x2200	406	325	5,4	220	24,6	2200	400	305	1590

¹⁾ The release forces are 50% for an operating temperature magnet driven with a duty cycle. The release force depends on the air gap between the magnet and the part to be lifted, as well as the thickness and composition of the material to be lifted. The values apply to low carbon steel. 1kN=102kgs.

²⁾ Power consumption and current are for a cold magnet. The values are only for the dimensioning of the power supply.

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