

Questionnaire for Electro-Magnets - Mobile Equipment

Requested Scope of Supply:

- lifting beam
- magnets
- controller / power supply
- battery back-up
- cable reel with cable
- plugs/sockets/connectors
- cable set for installation on the crane
- push button control unit

Time: min

YES	NO
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

Installation:

- indoor
- outdoor

YES	NO
☐	☐
☐	☐

Climate:

- temperature min./max.
- humidity
- saline atmosphere / harbour

	°C
	%
yes	no

Crane/Reach Stacker/Fork Lifter

- capacity	t	- span	m
- classification*)		- hoisting speed	m/min.
- age of crane		- frequency controlled	yes ☐ no ☐
- single Hook		- brand of crane	
- double Hook		- dist. betw. crane hooks	m
- trolley/crab with rotation		yes ☐	no ☐
- if 2 trolleys, independent movable		yes ☐	no ☐
- height from ground floor to crane hook			m
- height from ground floor to position of cable reel			m
- control		cabin ☐ remote/radio ☐	pendant ☐
- mains voltage		voltage	frequency
*) eg. acc. to FEM 1.001, EN 13001	x	V/AC	Hz

Required time cycle of operation:

- ED / duty cycle / operation cycle
- expected number of load cycles per hrs.
- approx. service time of equipment per day

	%
	cycles
	hrs.

Description of application

	YES	NO
- loading/unloading of trucks		
- loading/unloading of vessels		
- loading/unloading of railway wagons		
- charging/discharging roller table		
- warehouse handling		
- turning of material horizontally		
- turning of material vertically		

Application:

Material to be lifted

I-beams:

type

- length
- width
- height

transport of single units

- weight

transport of layers

- layer weight
- layer width

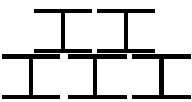
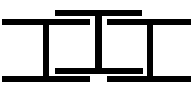
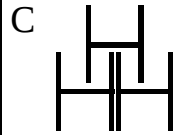
mode of storing A

of layers B

C

transport of bundles

- bundle weight
- bundle length
- bundle width
- bundle height
- strapped

min.	m	max.	m
min.	mm	max.	mm
min.	mm	max.	mm
yes		no	
max.		kg	
yes		no	
max.		kg	
min.	m	max.	m
A	B		C
			
yes		no	
max.		kg	
min.	m	max.	m
min.	mm	max.	mm
min.	mm	max.	mm
yes		no	

Remarks:

Material to be lifted

slabs/ingots/blooms/billets:

- length	min. m	max. m
- width	min. mm	max. mm
- thickness / height	min. mm	max. mm
- weight	max. kg	
- temperature	max. °C	
transport of layers	yes	no
- weight per layer	max. kg	
- width per layer	min. mm	max. mm
- no. billets per layer	 pcs. of x mm	
- for slab lifting, is it requested to turn those slabs over the edge (upside down)?	yes	no

coils:

- wire coils	yes	no
- sheet coils	yes	no
- axle	horizontal	vertical
- width / height	min. mm	max. mm
- inside Ø	min. mm	max. mm
- outside Ø	min. mm	max. mm
- weight	max. kg	
- temperature	max. °C	
- strapped / packed	yes	no

(if yes specify detail under remarks)

Remarks:

Material to be lifted:

plates/sheets:

- length	min.	mm	max.	mm
- width	min.	mm	max.	mm
- thickness	min.	mm	max.	mm
- sheets per lift	units			
- weight	max.		kg	
- temperature	max.		°C	
- possibility to lift	yes		no	
single plates with a min. thickness of	min. thickness		mm	

plate/sheet packets:

- packet length	min.	mm	max.	mm
- packet width	min.	mm	max.	mm
- packet height	min.	mm	max.	mm
- single sheet thickn.	min.	mm	max.	mm
- no. per packet / lift	 pcs. of mm (thickness)			
- strapped / packed	yes		no	

(if yes specify detail under remarks)

Remarks:

Material to be lifted:

pipes:

type	A	B	C
			
- outside Ø	min. mm	max. mm	
- length	min. m	max. m	
- width	min. mm	max. mm	
- height	min. mm	max. mm	
- wallthickness	min. mm	max. mm	
transport of single units	yes	no	
- weight	max. kg		
transport of layers	yes	no	
- weight per layer	max. kg		
- width per layer	min. mm	max. mm	
- no. pipes per layer	 pcs. of x mm or Ø		

pipe bundles:

type	A	B	C
			
- bundle Ø (if round)	min. mm	max. mm	
- bundle length	min. m	max. m	
- bundle width	min. mm	max. mm	
- bundle height	min. mm	max. mm	
- bundle weight	min. kg	max. kg	
- way of strapping			
mode of storing (please insert sketch)			

Remarks:

Material to be lifted:

profiles/rebar:

type

A	☐
B	☐
C	☐
D	☐
E	☐
F	☐

A 	B 	C 
D 	E 	F REBAR

specification of single bars

- length	min.	m	max.	m
- width	min.	mm	max.	mm
- height	min.	mm	max.	mm
- diameter	min.	mm	max.	mm
- wall thickness	min.	mm	max.	mm
transport of bundles	yes		no	
- temperature	max. °C			
- bundle diameter	min.	mm	max.	mm
- no. of bundles	pcs. with max. Ø			
- no. of bundles	pcs. with min. Ø			
- bundle weight	min.	t	max.	t
- no. of bindings	 x short bundles		 x long bundles	

(please specify details under remarks)

mode of storing
(please insert sketch)

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Remarks:
