

## Lifting rules / Crane ganging

Each transport unit requires two M crane hooks with a load capacity of 15 kN (1.5 tons) attached symmetrically to the centre of gravity! The total weight of the transport unit must be complied, depending on the load capacity of the crane hooks (Fig. 1.1 bis 1.3).

To prevent the crane hooks from slipping, they must be attached the following way:

- above the vertical beam, if possible, in the case of vertical panels
- at the panel joint in the case of several panels
- above cross stiffeners in the case of horizontal panels.

In order to provide the necessary flexural rigidity when lifting and laying down gangs, alignment rails must be mounted to the panels with flange screws 18 (Table 1.4). For formwork heights above 10.50 m, please contact our technical department.

### Examples

Fig. 1.1 Panel unit  
 3.50 x 5.00 m = 17.50 m<sup>2</sup>  
 Weight:  
 → Mammut XT: 1103 kg  
 → Mammut 350: 1191 kg

Fig. 1.2 Panel unit  
 7.00 m x 2.50 m = 17.50 m<sup>2</sup>  
 with two cross beams 300  
 Weight:  
 → Mammut XT: 1228 kg  
 → Mammut 350: 1316 kg

Fig. 1.3 Panel unit  
 4.75 m x 2.50 m = 11.88 m<sup>2</sup>  
 with two M alignment rails 180  
 Weight:  
 → Mammut XT: 834 kg  
 → Mammut 350: 849 kg

Fig. 1.1 to 1.3 show the wall formwork system Mammut XT.

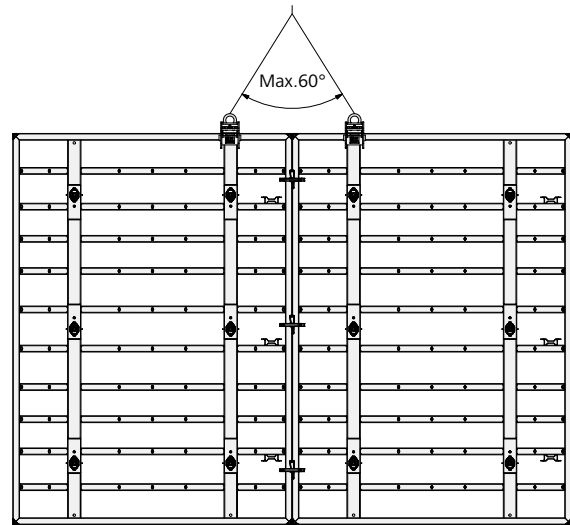


Fig. 1.1

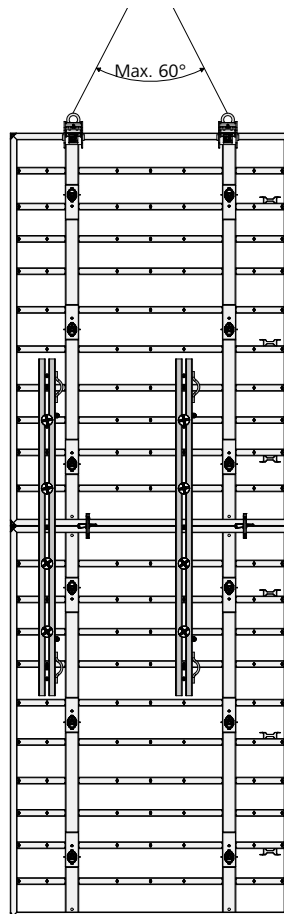


Fig. 1.2

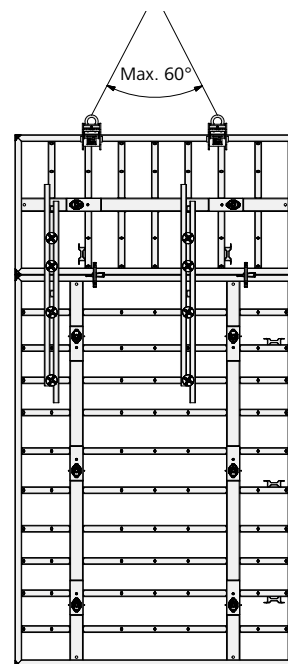


Fig. 1.3

Formwork height	Alignment rails per horizontal joint for a width of 1.25 m	
	Alignment rail	No.
up to 5.50 m	M 180	1
up to 6.00 m	M 250	1
up to 10.50 m	QT 300	1

Table 1.4

Description	Ref. No.
M alignment rail 180 .....	29-400-92
M alignment rail 250 .....	29-402-50
Cross beam 300.....	29-403-05
Flange screw 18.....	29-401-10

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### Examples

Fig. 2.1 Panel unit  
 3.75 m x 3.50 m = 13.13 m<sup>2</sup>  
 with three M alignment rails 180  
 Weight:  
 → Mammut XT: 947 kg  
 → Mammut 350: 956 kg

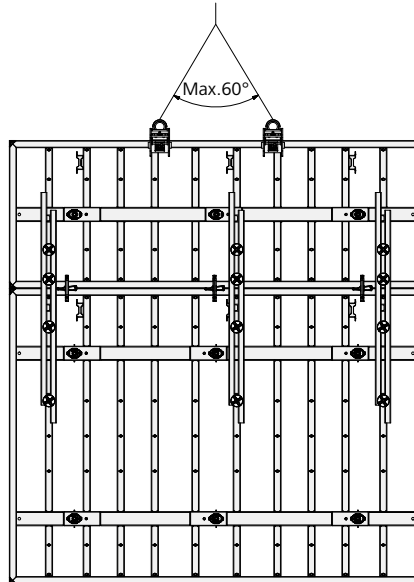


Fig. 2.1

Fig. 2.2 Panel unit  
 7.00 m x 5.00 m = 35.00 m<sup>2</sup>  
 with four cross beams 300 and  
 two M cross stiffener 44  
 Weight:  
 → Mammut XT: 2459 kg  
 → Mammut 350: 2648 kg

For type and number of alignment rails in standard use, please refer to Table M-1.4. For formwork heights above 10.50 m, please contact our technical department.

Fig. 2.1 to 2.2 show the wall formwork system Mammut XT.

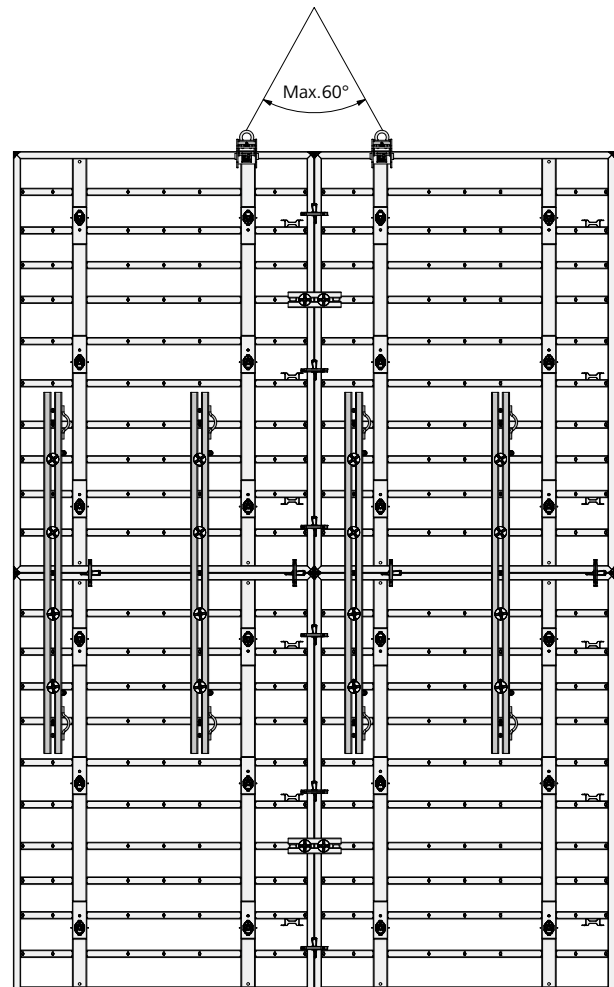


Fig. 2.2

Description	Ref. No.
M alignment rail 180 .....	29-400-92
M alignment rail 250 .....	29-402-50
Cross beam 300 .....	29-403-05
Flange screw 18 .....	29-401-10