

Wall formwork

MANTO®



MANTO is a very robust and easy to handle crane-set formwork system for large-area forming of walls.

A highly versatile and heavy-duty system that is equal to the toughest challenges. The aligning panel clamps ensure flush and force-fit connections and permit the transfer of large-area units by crane.

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Product description	Crane-set large area wall formwork
Panel widths	30 45 55 60 65 70 75 90 105 120 240 cm
Panel heights	120 270 330 cm
Multi-purpose panel	75 x 60 75 x 120 75 x 270 75 x 330 cm
Profile thickness	14 cm steel frame profile (closed)
Form lining	Plywood (min. 280 g/m ² coating) ECOPLY full plastic
Lining thickness (coating)	Plywood = 18 mm ECOPLY S = 19 mm
Average weight	55 to 75 kg/m ² (including connection parts)
Max. concrete pressure	80 kN/m ² (line 6, some line 7)
Corrosion protection	Fully galvanized steel frame and connection elements
Relevant DIN-norms	Complies with DIN 18202 DIN 18218
Standard connection	Aligning clamp (aligned and flush connection)
Special connection	Adjustable aligning clamp Corner clamp
Inner corners	35/35 cm (with 2.5° play for easing)
Hinged corners	From 60° to max. 175° angles
Outer corners	Basic panel with outer corner clamps
Assembly/Stripping times	t = 0.4 – 0.6 h/m ²
Special features	<ul style="list-style-type: none"> ● XXL panels 240 360 480 x 270 cm ● MANTO shaft corner for easier forming of shafts ● High quality form lining on all panels ● Extensive accessory parts program

Product advantages



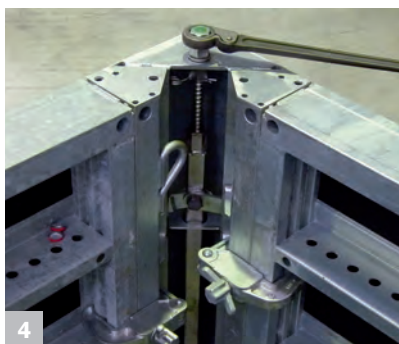
1 Strong connection with the aligning clamp: 40 m² can be moved in a single crane pick



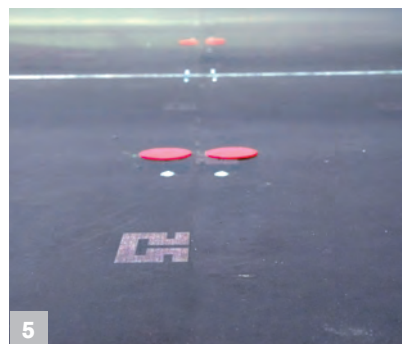
2 High flexural strength due to the 14 cm steel profile, concrete pressure 80 kN/m²



3 Rational forming of larger surface areas without infills and fewer tying points using MANTO XXL panels



4 Easy and quick forming and stripping of shafts due to the MANTO shaft corner



5 Consistently good concrete finish as a result of the fully galvanized steel frame and high-quality form linings

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