



Hangar Roof Lifting - Frankfurt Airport, Germany



Description

At the airport in Frankfurt (Germany) a new hangar was built for the maintenance of wide-bodied aircrafts.

The main structure with its two 180 meters long trussed girders was first assembled on ground level and then lifted with strandjacks to an elevation of 25 meters.

The bracing for the MegaSteel towers with a height of 50 meters as well as the bracing for the hangar roof during the lifting was carried out by 40 tons and 70 tons strandjacks.

For the lifting of the structure four strand jacks H-600 and four strand jacks H-400 were used. The entire lifting was realized within two days.

Facts

Weight:	2'900	t
Roof length:	180	m
Roof Width:	95	m
Lifting height:	25	m

Handling equipment

Strand jack H-600:	4	pcs
Strand jack H-400:	4	pcs
Strand jack H-70:	32	pcs
Strand jack H-40:	44	pcs
Megasteel tower h=500m	12	pcs
Totally MegaSteel	350	t

