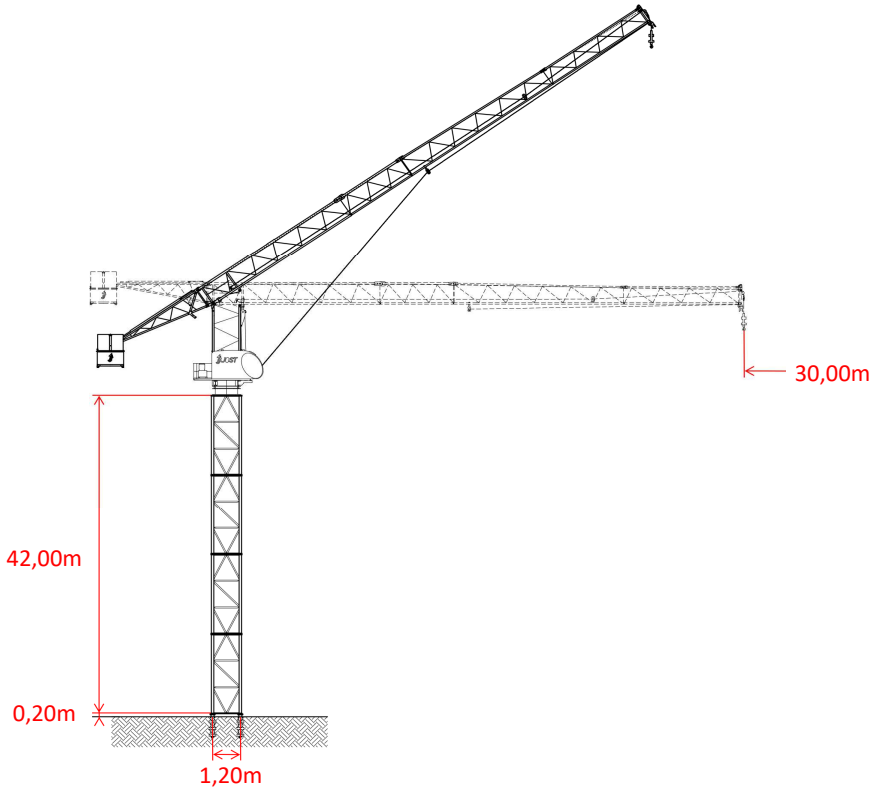
Crane: JTL 108-6

Jib Length:	30,0	m	
Tower Height:	42,2	m	(without FH2.4 - 12 R)
o.o.s. Radius:	10,9	m	

09.04.2026

Tower & Jib Configuration:

Tower Section	Length
	[m]
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2s (12m)	12,00
FH2.4 - 12 R	0,20
Tower height:	42,20 m



Stage 1: Install crane free standing with a tower height of 42m.

Foundation Loadings according to EN 14439 - C 25:

incl. dynamic & second order effect

	in Service	out of Service
Crane moment:	2066 kNm	4459 kNm
Vertical load:	558 kN	498 kN
Horizontal load:	29 kN	126 kN
M_{Torque}:	114 kNm	
Safety Factor for slewing in wind:		3,52 [-]

Crane: JTL 108-6

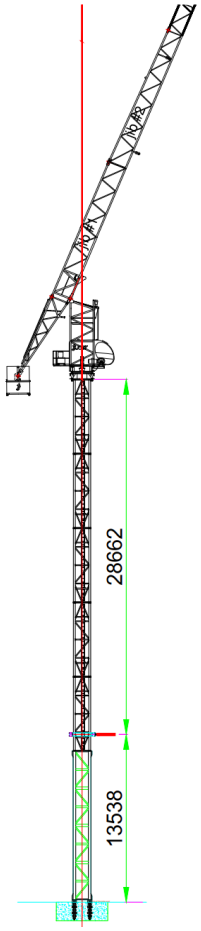
Jib Length:	30,0	m
Tower Height:	42,2	m
o.o.s. Radius:	10,9	m

(without FH2.4 - 12 R)

09.04.2026

Tower & Jib Configuration:

Tower Section	Length
	[m]
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2s (12m)	12,00
FH2.4 - 12 R	0,20
Tower height:	42,20 m



Horizontal Load on Ties:

Tie Frame Height	in Service	out of Service
13,5m	196kN	405kN

Tie Frame Height from crane base to Tie

Stage 2: Install prop at 13,5m.

Foundation Loadings according to EN 14439 - C25:

incl. dynamic & second order effect

	in Service	out of Service
Crane moment:	730 kNm	1370 kNm
Vertical load:	558 kN	498 kN
Horizontal load:	165 kN	309 kN
M_{Torque}:	114 kNm	

Crane: JTL 108-6

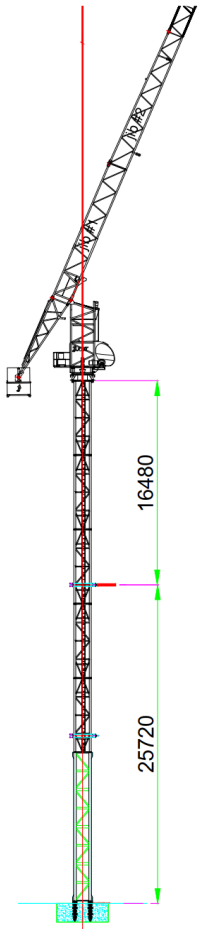
Jib Length:	30,0	m
Tower Height:	42,2	m
o.o.s. Radius:	10,9	m

(without FH2.4 - 12 R)

09.04.2026

Tower & Jib Configuration:

Tower Section	Length
	[m]
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2s (12m)	12,00
FH2.4 - 12 R	0,20
Tower height:	42,20 m



Horizontal Load on Ties:

Tie Frame Height	in Service	out of Service
25,7m		191kN

Tie Frame Height from crane base to Tie

Stage 3: Install prop at 25,7m, remove prop at 13,5m.

Foundation Loadings according to EN 14439 - C25:

incl. dynamic & second order effect

	in Service	out of Service
Crane moment:	579 kNm	917 kNm
Vertical load:	558 kN	498 kN
Horizontal load:	66 kN	101 kN
M_{Torque}:	114 kNm	

Crane: JTL 108-6

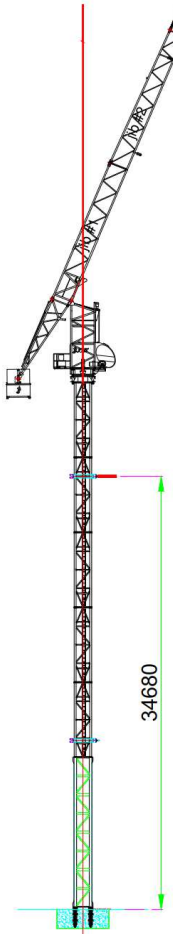
Jib Length:	30,0	m
Tower Height:	42,2	m
o.o.s. Radius:	10,9	m

(without FH2.4 - 12 R)

09.04.2026

Tower & Jib Configuration:

Tower Section	Length
	[m]
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2s (12m)	12,00
FH2.4 - 12 R	0,20
Tower height:	42,20 m



Horizontal Load on Ties:

Tie Frame Height	in Service	out of Service
34,7m	69kN	134kN

Tie Frame Height from crane base to Tie

Stage 4: Install prop at 34,7m.

Foundation Loadings according to EN 14439 - C25:

incl. dynamic & second order effect

	in Service	out of Service
Crane moment:	513 kNm	652 kNm
Vertical load:	558 kN	498 kN
Horizontal load:	39 kN	44 kN
M_{Torque}:	114 kNm	

Crane: JTL 108-6

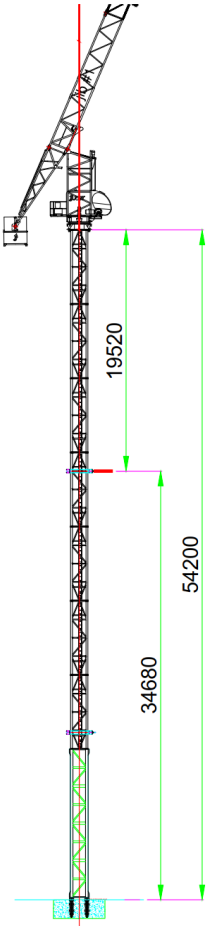
Jib Length:	30,0	m
Tower Height:	54,2	m
o.o.s. Radius:	10,9	m

(without FH2.4 - 12 R)

09.04.2026

Tower & Jib Configuration:

Tower Section	Length
	[m]
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2	6,00
TH 12.2s (12m)	12,00
FH2.4 - 12 R	0,20
Tower height:	54,20 m



Horizontal Load on Ties:

Tie Frame Height	in Service	out of Service
34,7m	85kN	202kN

Tie Frame Height from crane base to Tie

Stage 5: Remove top of crane.
Install 2 TH 12.2 tower section, 6m each.
Reinstall top of crane.

Foundation Loadings according to EN 14439 - C25:

incl. dynamic & second order effect

	in Service	out of Service
Crane moment:	647 kNm	1040 kNm
Vertical load:	602 kN	542 kN
Horizontal load:	50 kN	76 kN
M_{Torque}:	114 kNm	