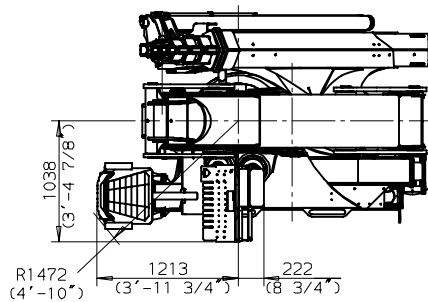
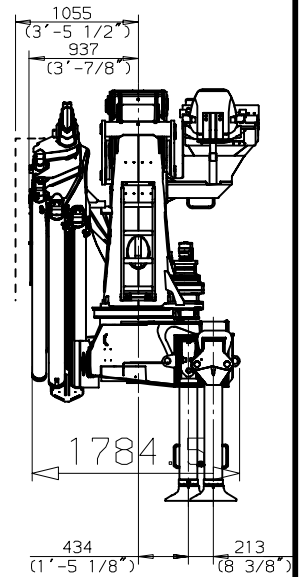
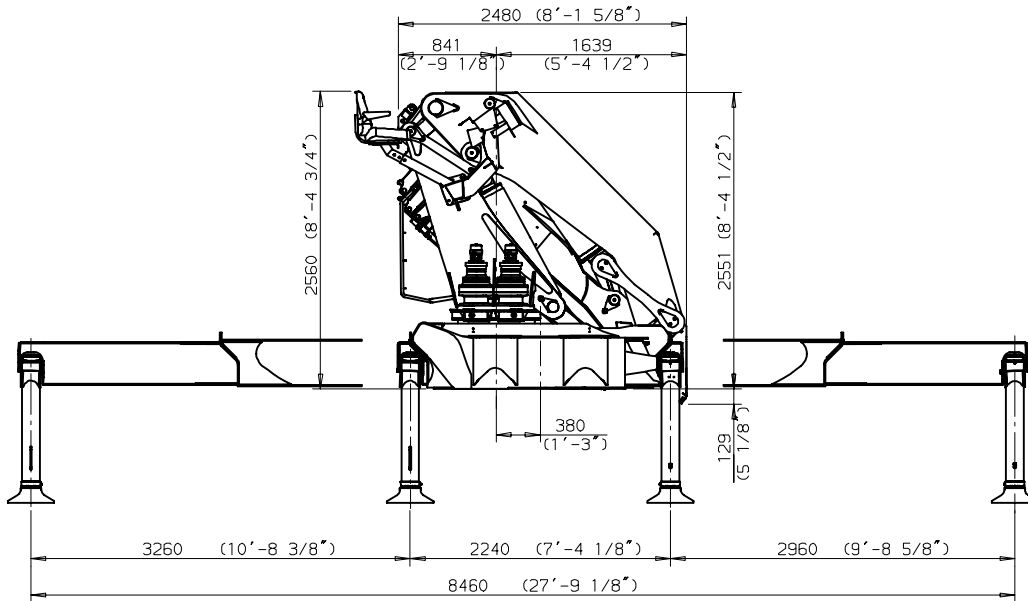


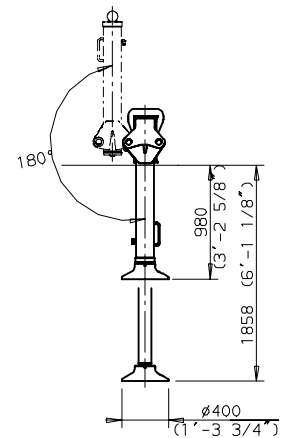
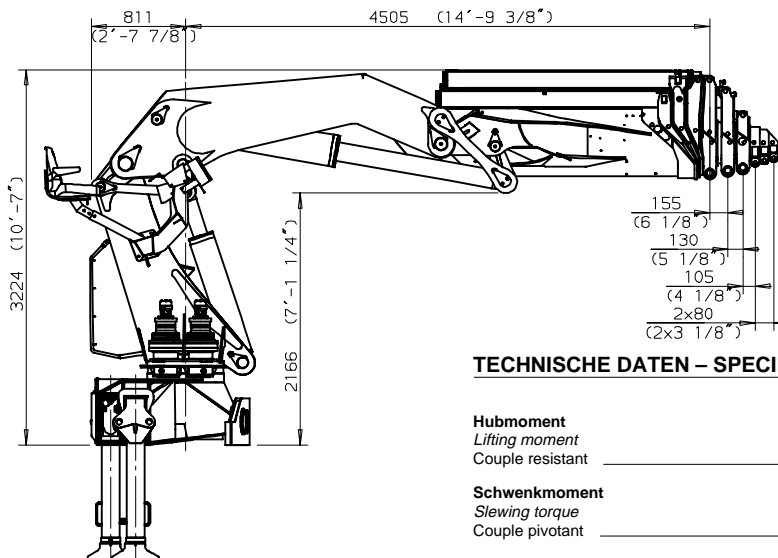


PK75000JI

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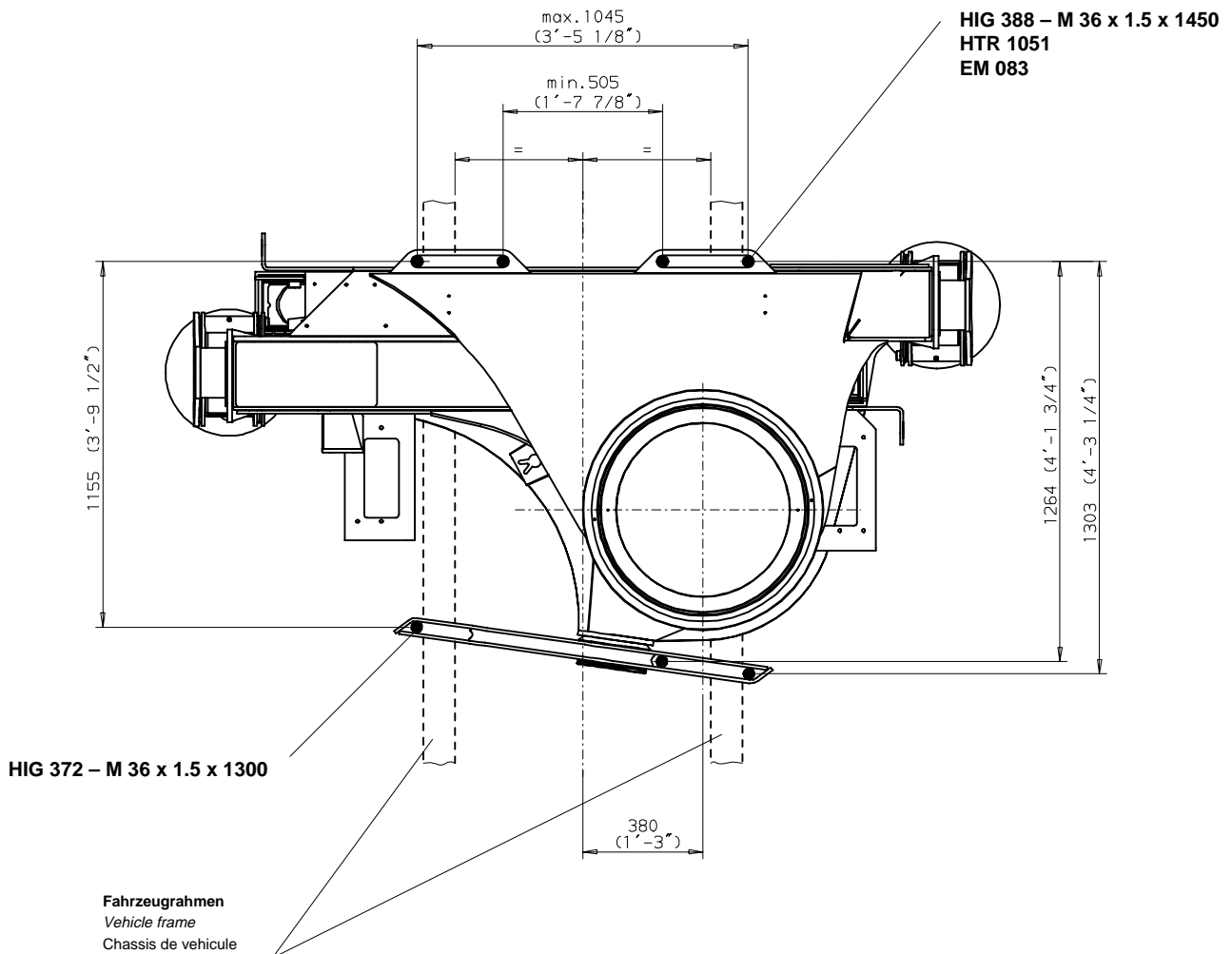
**SCHWENKSTÜTZE
SLEWABLE STABILIZER
SUPPORT PIVOT**



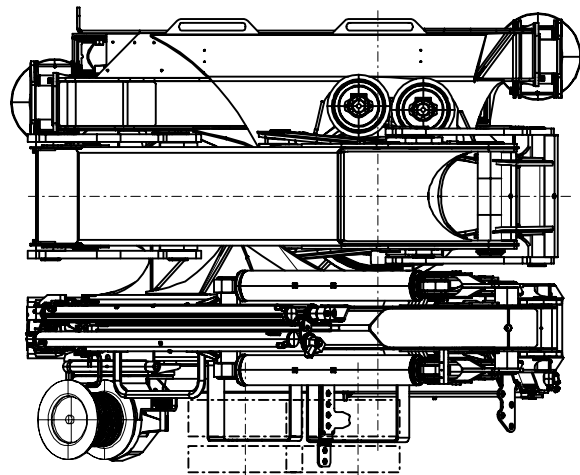
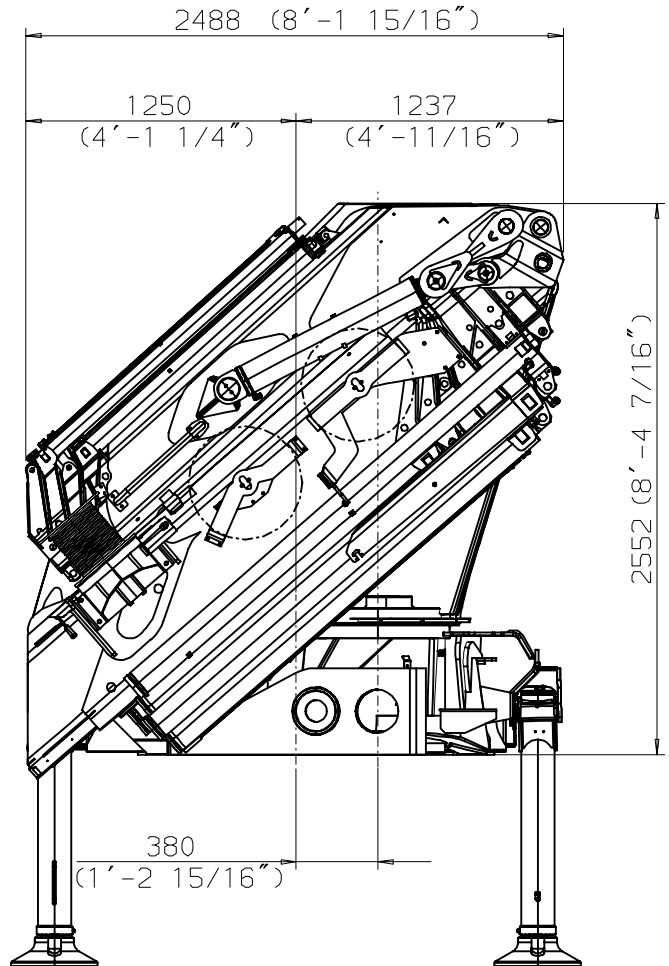
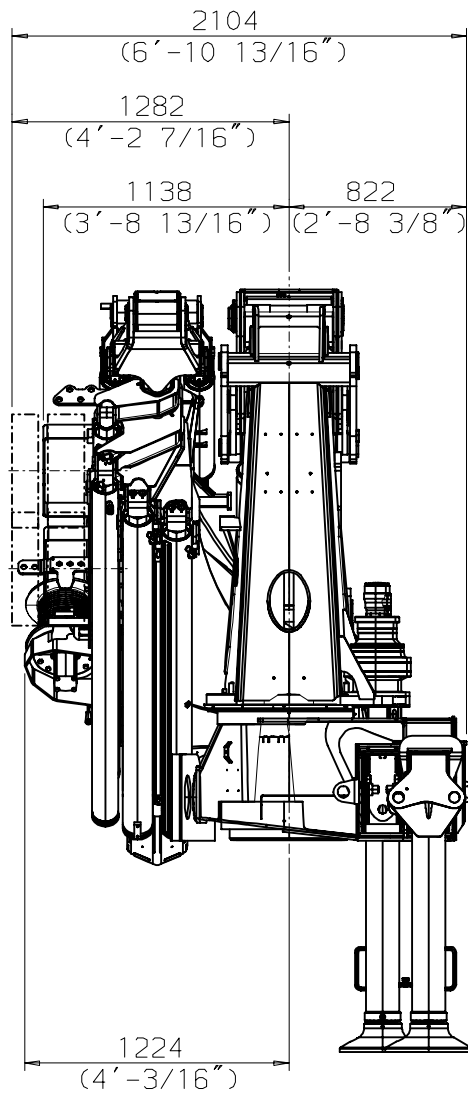
TECHNISCHE DATEN – SPECIFICATIONS – DONNEES TECHNIQUES

Hubmoment Lifting moment Couple resistant	_____	max. 735.8 kNm (75 mt, 542299 ft.lbs.)
Schwenkmoment Slewing torque Couple pivotant	_____	78.5 kNm (8 mt, 57845 ft.lbs.)
Schwenkbereich Slewing range Angle pivotant	_____	endlos endless sans finite
Betriebsdruck Operating pressure Pression de service	_____	32 MPa (320 bar, 4640 psi)
Empfohlene Fördermenge der Pumpe Recomm. pump capacity Refouilm. conseilie pour la pompe	_____	90-100 l/min. (19,8-22,0 gall/min.)
Eigengewicht (PK 7500 C) Dead weight (PK 7500 C) Poids mort (PK 7500 C)	_____	74,6 kN (7600 kg, 16760 lbs.)

Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.
Subject to change, production tolerances have to be taken into account.
Les tolerances relatives a la technique de production doivent etre prises en cons consideration.

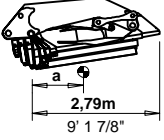
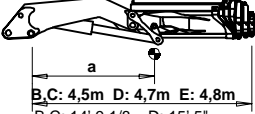
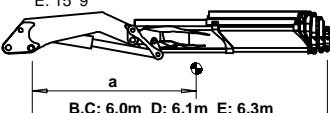
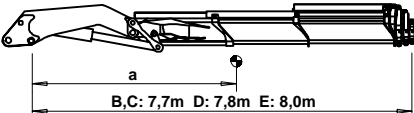
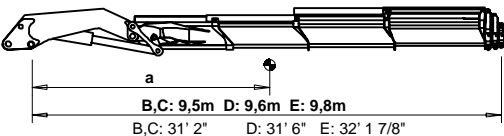
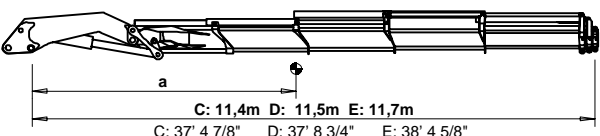
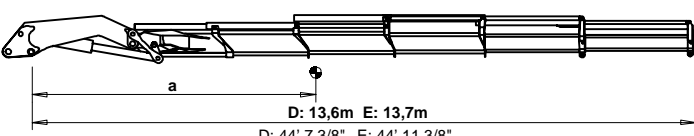
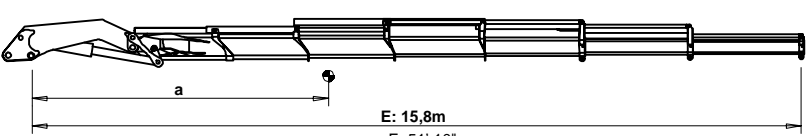
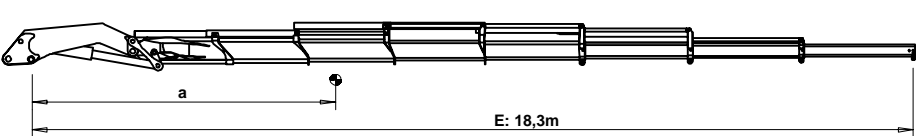
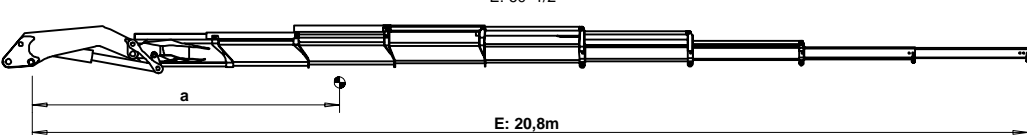
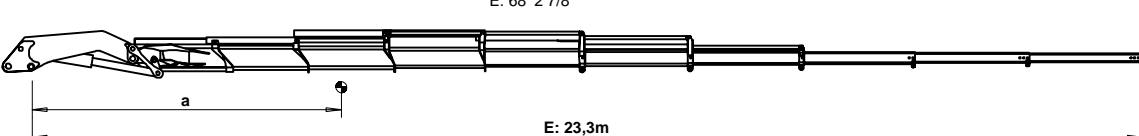
ANORDNUNG DER BRIDENSCHRAUBEN – LOCATION OF MOUNTING BOLTS – ARRANGEMENT DE BRIDES**MONTAGE AUF FAHRZEUG**
MOUNTING ON VEHICLE
MONTAGE A VEHICULEMontage mit 7 Bridenschrauben
Mounting with 7 bolts
Montage avec 7 brides

Stationärmontage ist nicht zulässig.
Stationary mounting is not permissible.
Montage stationaire n'est pas admissible.



Schwerpunkte und Gewichte der Lastarme
Centers of gravity and weights of boom systems
Centre de gravite et poids de bras de charge

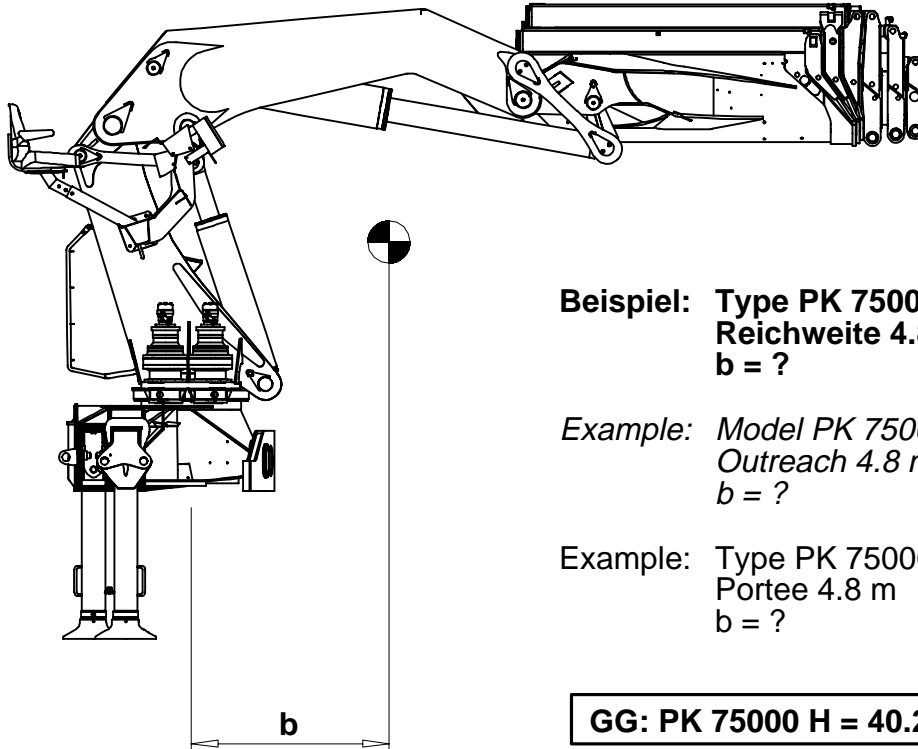
PK 75000

	B	C	D	E	V19.2	V21.7	V24.2
GL kN	30.46	34.34	37.52	40.32	41.57	42.53	43.19
kp	3105	3500	3825	4110	4238	4335	4403
a cm	113	113	114	113	113	112	112
	3' 8 5/8"	3' 8 1/2"	3' 8 3/4"	3' 8 1/2"	3' 8 3/8"	3' 8"	3' 8"
							
	2,79m 9' 1 7/8"						
							
	B,C: 4,5m D: 4,7m E: 4,8m B,C: 14' 9 1/8" D: 15' 5" E: 15' 9"						
							
	B,C: 6,0m D: 6,1m E: 6,3m B,C: 19' 8 1/4" D: 20' 1/8" E: 20' 8"						
							
	B,C: 7,7m D: 7,8m E: 8,0m B,C: 25' 3 1/8" D: 25' 7 1/8" E: 26' 3"						
							
	B,C: 9,5m D: 9,6m E: 9,8m B,C: 31' 2" D: 31' 6" E: 32' 1 7/8"						
							
	C: 11,4m D: 11,5m E: 11,7m C: 37' 4 7/8" D: 37' 8 3/4" E: 38' 4 5/8"						
							
	D: 13,6m E: 13,7m D: 44' 7 3/8" E: 44' 11 3/8"						
							
	E: 15,8m E: 51' 10"						
							
	E: 18,3m E: 60' 1/2"						
							
	E: 20,8m E: 68' 2 7/8"						
							
	E: 23,3m E: 76' 5 3/8"						

Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.
Subject to change, production tolerances have to be taken into account.
Les tolerances relatives a la technique de production doivent etre prises en cons consideration.

Gesamtschwerpunkt und Gesamtgewicht des Kranes*Total center of gravity and total weight of crane*

Centre de gravite total et poids de la grue total



Beispiel: Type PK 75000 E – H
Reichweite 4.8 m
b = ?

Example: Model PK 75000 E – H
Outreach 4.8 m
b = ?

Example: Type PK 75000 E – H
Portee 4.8 m
b = ?

GG: PK 75000 H = 40.2 kN (4100 kp)

$$b = \frac{GL \times a}{GL + GG} = \frac{40.32 \text{ kN} \times 261 \text{ cm}}{40.32 \text{ kN} + 40.2 \text{ kN}} = \underline{131 \text{ cm}}$$

- a =** Schwerpunktabstand der Lastarme von der Kransäulenmitte (cm)
b = Abstand des Gesamtschwerpunktes von der Kransäulenmitte (cm)
GL = Gewicht der Lastarme (kN)
GG = Gewicht von Abstützung, Grundgestell, Kransäule und Hubzylinder
 (ohne Befestigungsteile und Pumpe)

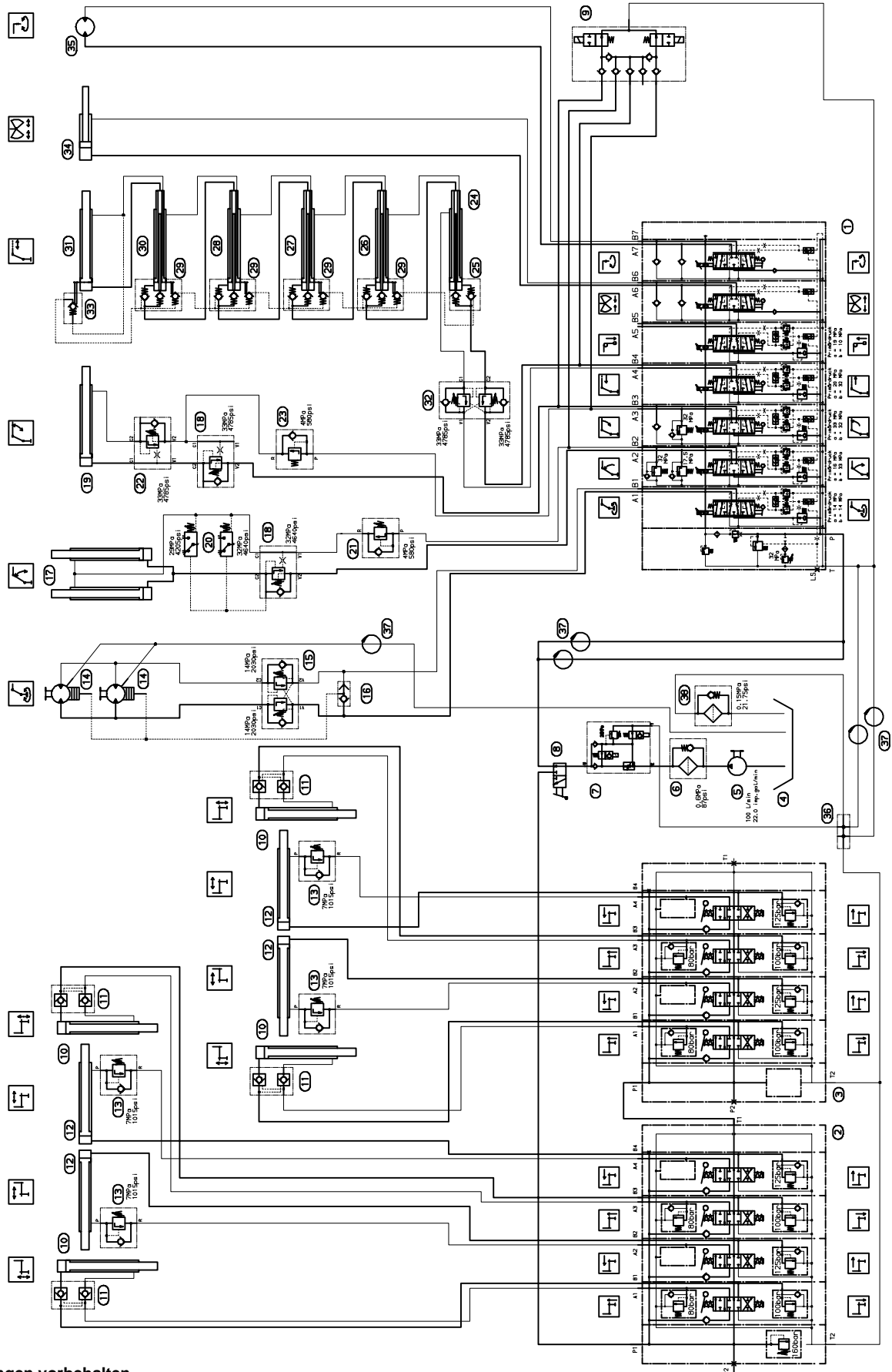
- a = Distance of center of gravity of boom system from column center (cm)*
b = Distance of total center of gravity from center of mast of derrick (cm)
GL = Weight of leverage of load (kN)
GG = Weight of base, column and lifting cylinder
(without mounting parts and pump)

- a = Distance entre le centre de gravite de bras de charge et le centre du poteau torillon de grue (cm)*
b = Distance entre le centre de gravite total et le centre du poteau torillon de grue (cm)
GL = Poids de bras de charge (kN)
GG = Poids du support, du chassis de base, du poteau torillon de grue et du cylindre de levage (sans elements de fixation et pompe)

Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.

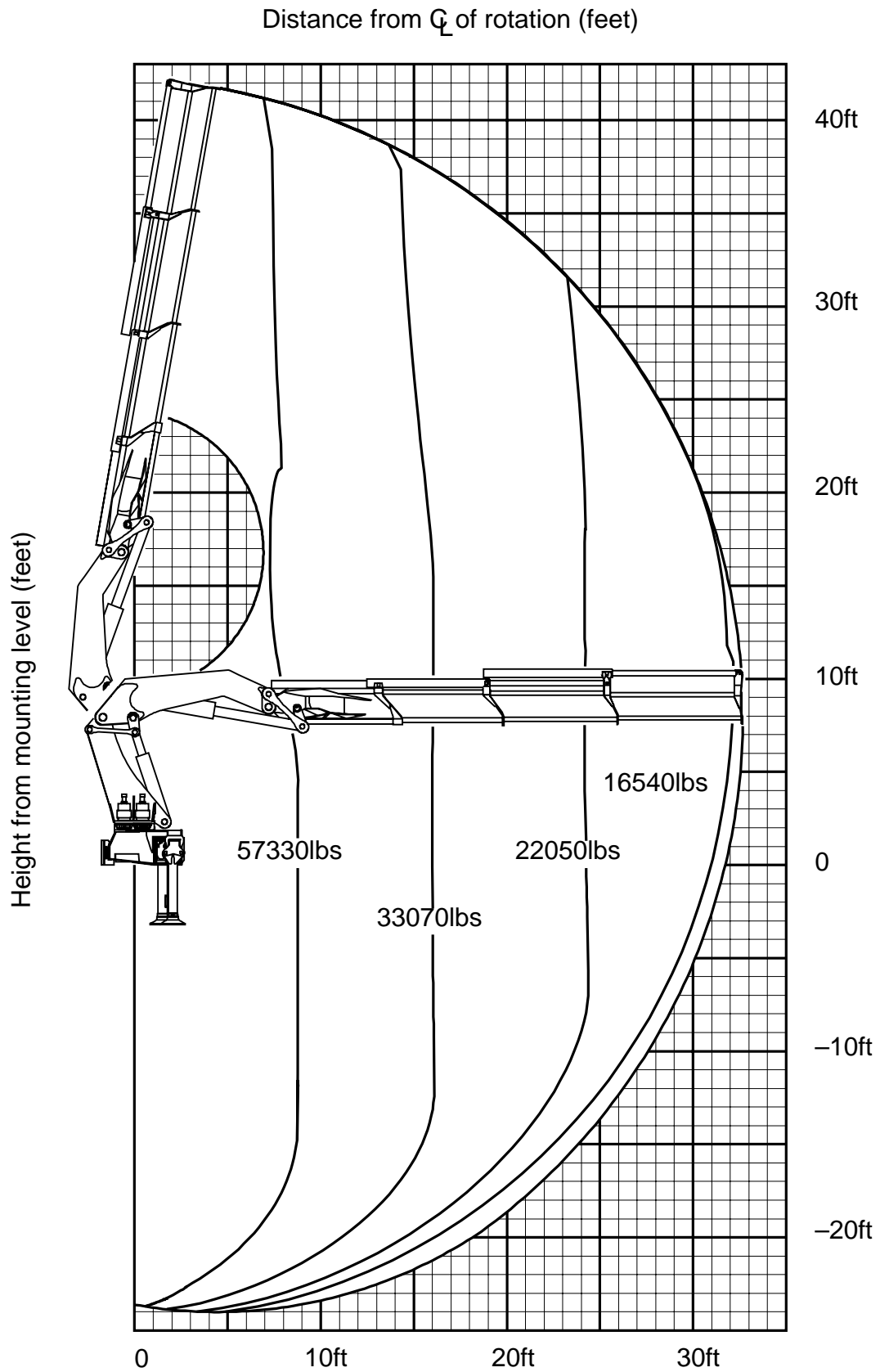
Subject to change, production tolerances have to be taken into account.

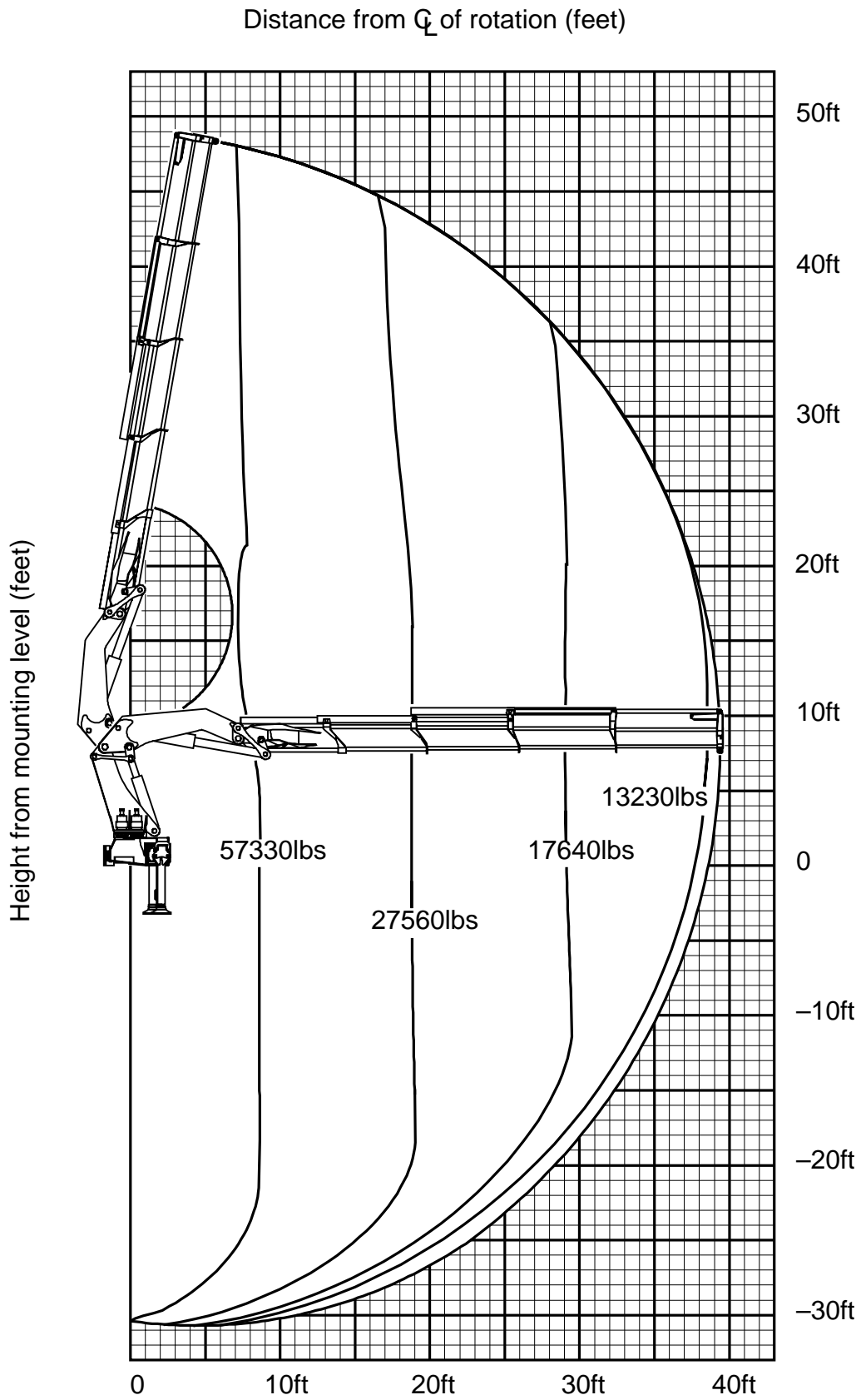
Les tolerances relatives a la technique de production doivent etre prises en cons consideration.

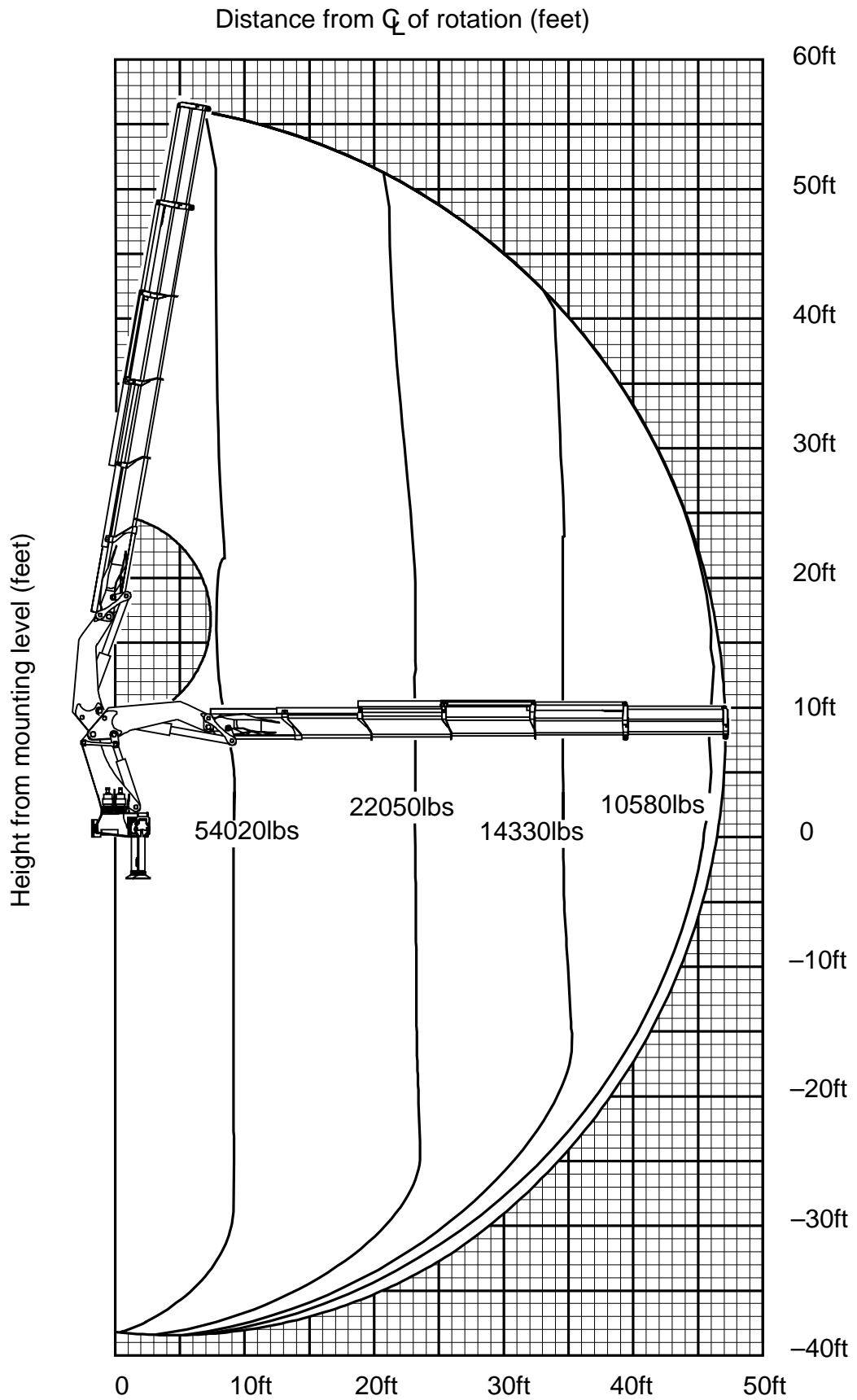


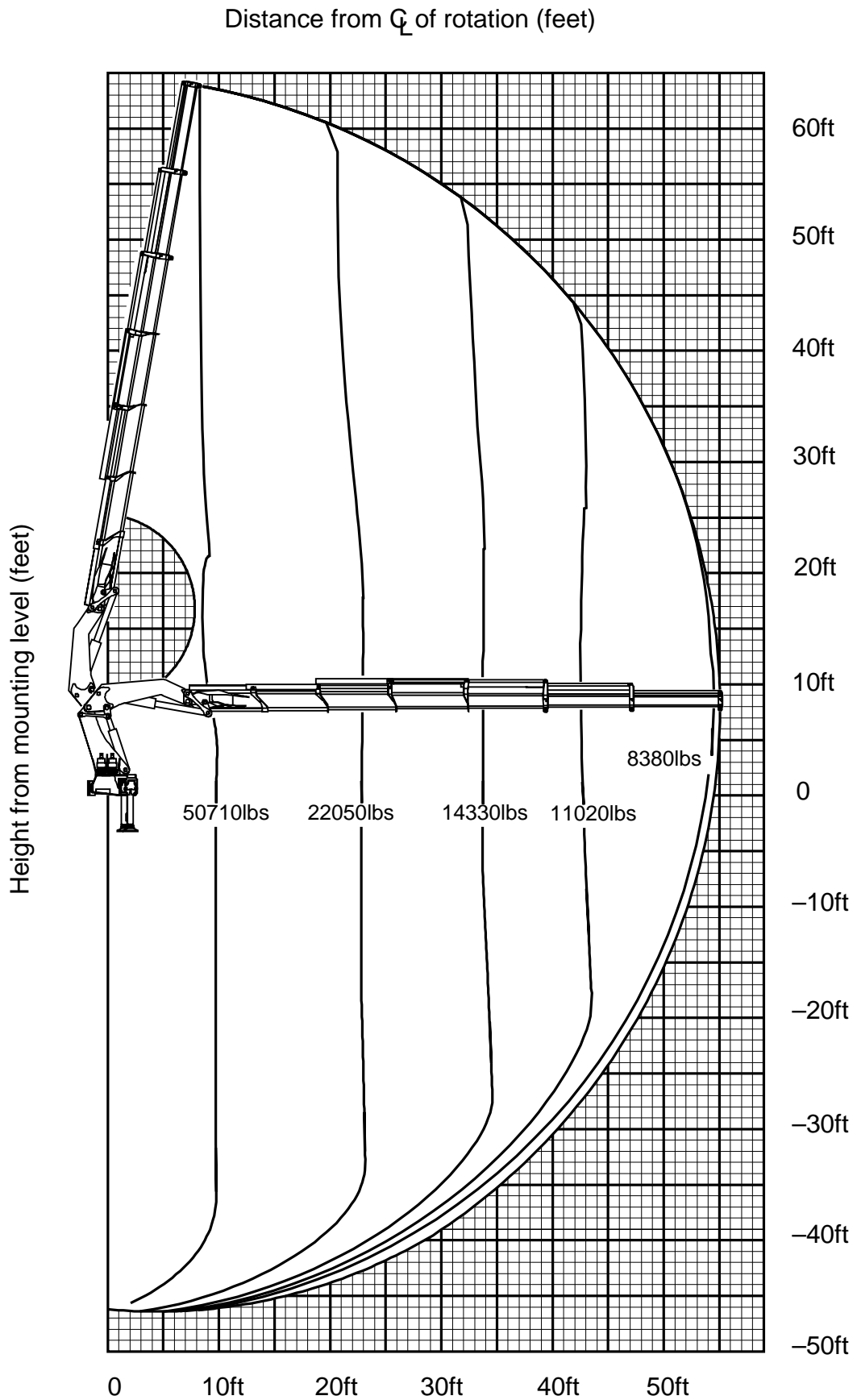
Änderungen vorbehalten
 Subject to change
 Sous réserve de modifications

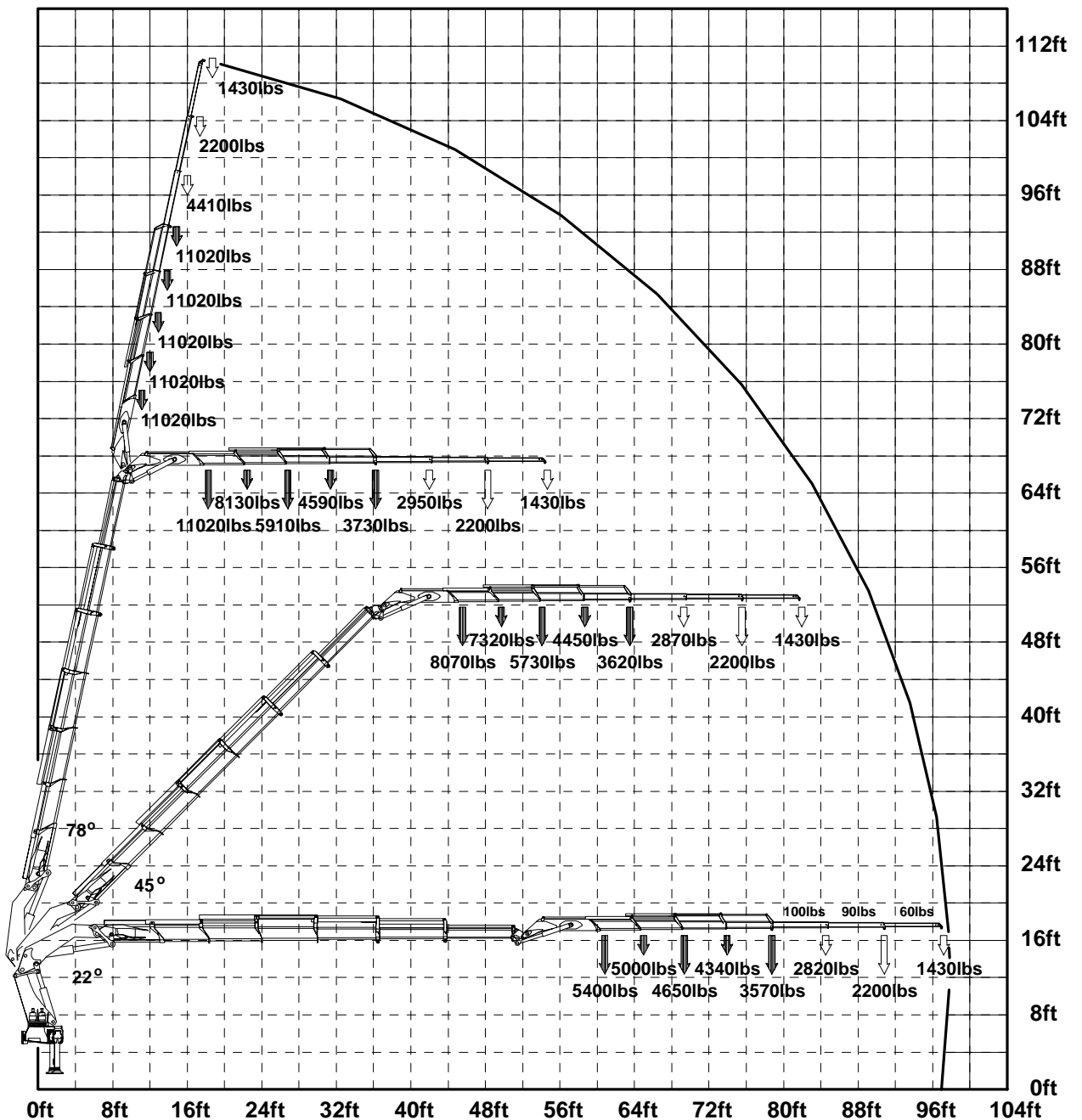
1 MPa = 10 bar = 145 psi











The reaches, heights, angles and loads are theoretical values. (i.e. without correction values)
Deviations resulting from the flecion must be determined with the PAC-Programme.