

Max. Hubmoment: <i>Lifting moment:</i>	602,3 kNm = 444,233 ft/lbs
Max. Hubkraft: <i>Max. lifting capacity:</i>	48,501.64 lbs = 22.000 kg
Schwenkbereich: <i>Slewing angle:</i>	endlos – 400 Grad endless – 400 degrees
Schwenkmoment: <i>Slewing torque:</i>	1 Getr./1 slew.gear/ <PK65002MC ... 44,1 kNm = 32,526 ft/lbs 2 Getr./2 slew.gears/ >PK65002MC ... 68,7 kNm = 50,670 ft/lbs
Max. Betriebsdruck: <i>Operating pressure:</i>	300 bar = 4351 PSI
Fördermenge der Pumpe <i>Pump capacity</i>	80..100 l/min

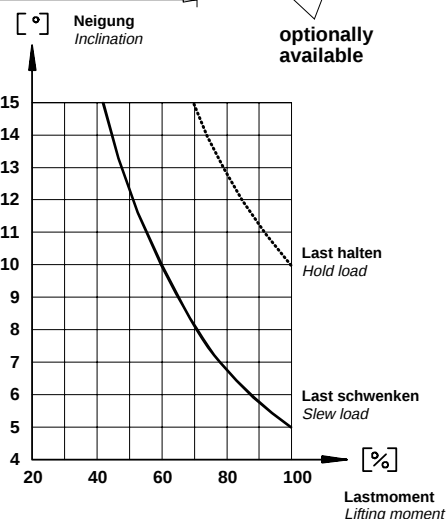
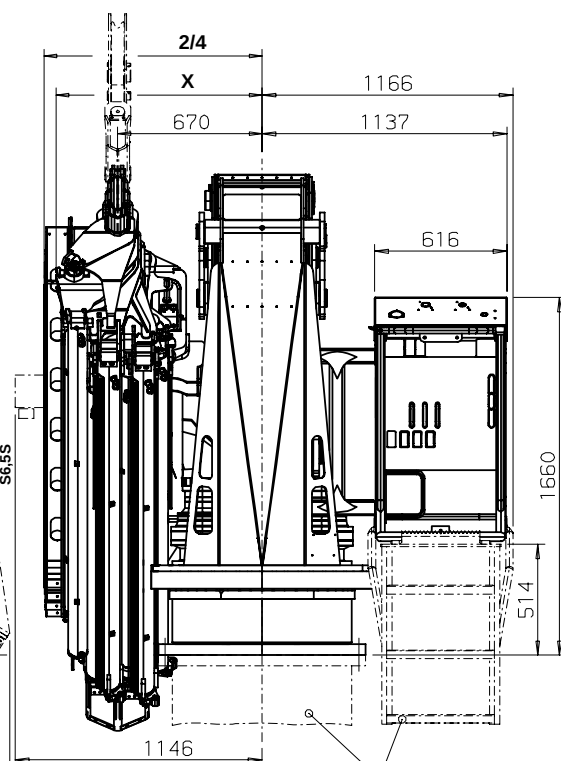
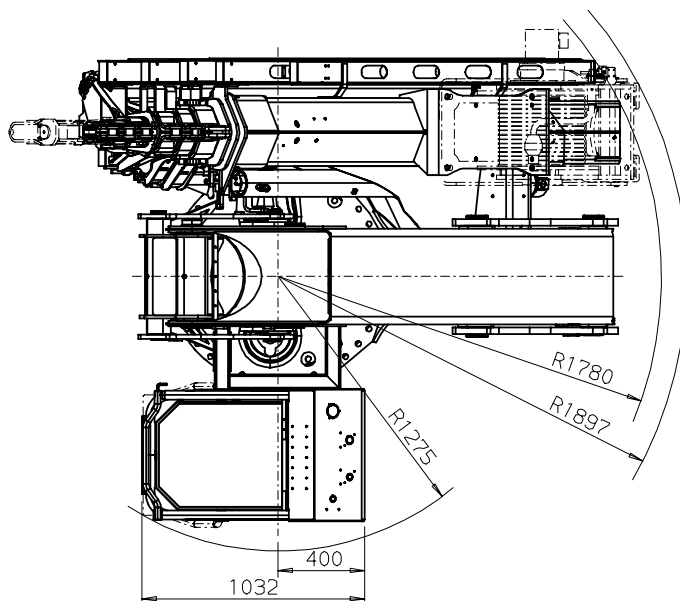
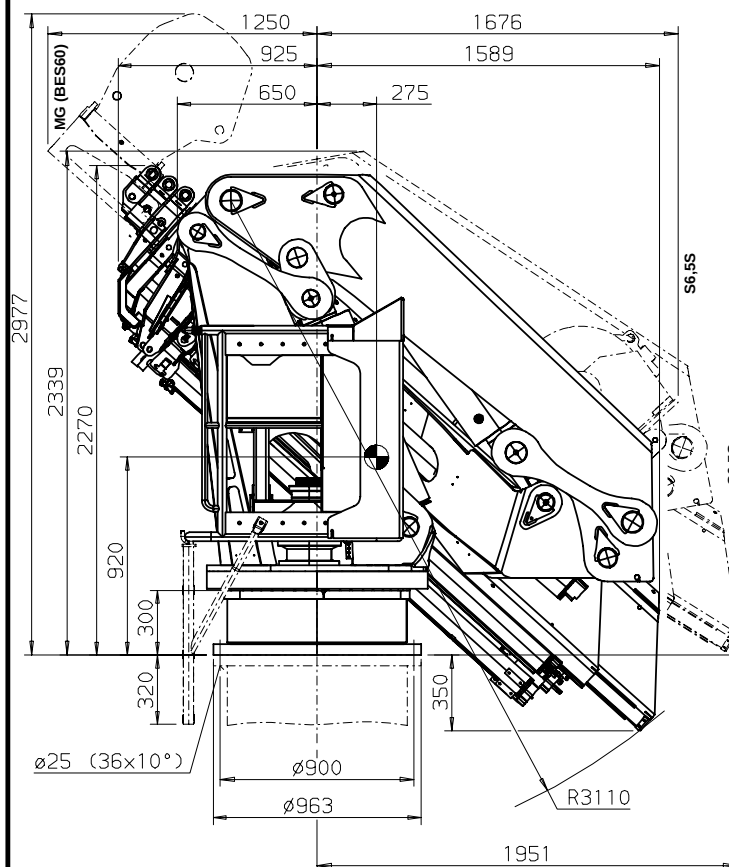
Hydr. Ausschübe: <i>Hydr. boom extensions:</i>	1 ()	2 (A)	3 (B)	4(C)	5 (D)	6 (E)	7 (F)	8 (G)
Max. Reichweite: <i>Max. outreach:</i>		7,7 m 25.26 ft	9,6 m 31.49 ft	11,6 m 38.05 ft	13,8 m 45.27 ft	16,0 m 52.49 ft	18,1 m 59.38 ft	20,5 m 67.25 ft
+V1				13,8 m 45.27 ft	16,0 m 52.49 ft	18,2 m 59.71 ft		22,8 m 74.80 ft
+V2				16,0 m 52.49 ft	18,2 m 59.71 ft	20,5 m 67.25 ft		25,1 m 82.34 ft

Alle Gewichtsangaben ohne Aufbauzubehör, Zusatzgeräte und Öl.
All weights given without assembly accessory, additional devices and oil.

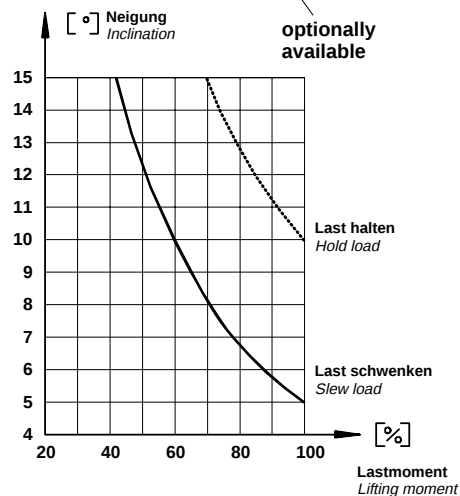
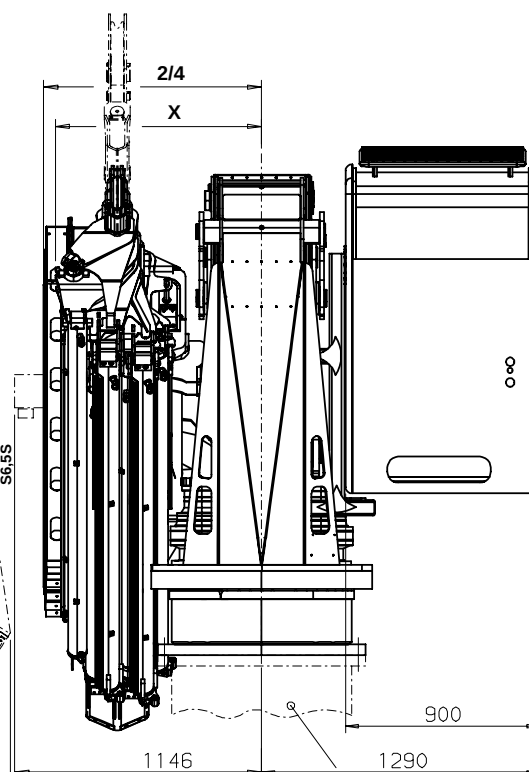
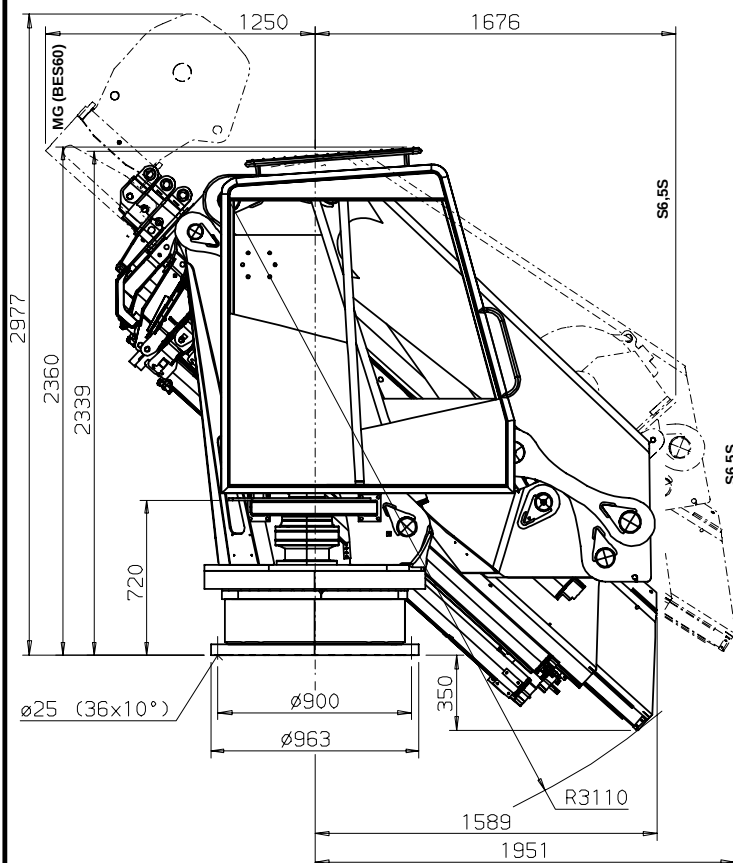
Krangewicht: <i>Crane weight:</i>		4.815 kg 10,615.25 lbs	5.050 kg 11,133.33 lbs	5.393 kg 11,889.52 lbs	5.723 kg 12,617.04 lbs	6.003 kg 13,234.33 lbs	6.243 kg 13,763.44 lbs	6.456 kg 14,233.03 lbs
+ 2/4		4.855 kg 10,703.43 lbs	5.100 kg 11,243.56 lbs	5.453 kg 12,021.79 lbs	5.803 kg 12,793.41 lbs	6.103 kg 13,454.8 lbs		6.576 kg 14,497.58 lbs
+V1				5.593 kg 12,330.44 lbs	5.893 kg 12,991.83 lbs	6.153 kg 13,565.03 lbs		6.546 kg 14,431.44 lbs
+V2				5.763 kg 12,705.23 lbs	6.043 kg 13,322.52 lbs	6.283 kg 13,851.63 lbs		6.606 kg 14,563.72 lbs

Gewicht +V ohne 2/4
Weight +V without 2/4

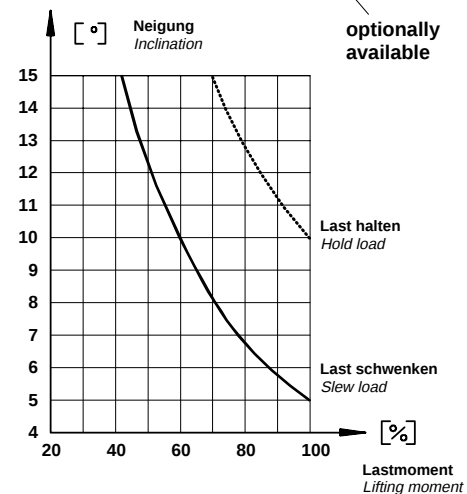
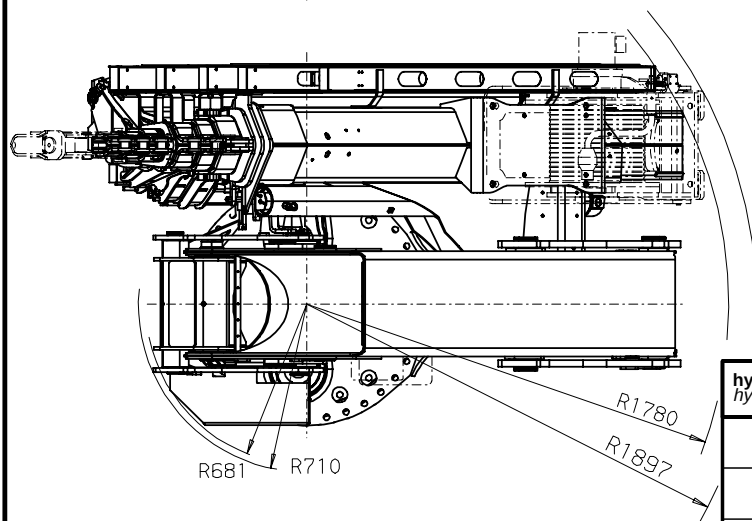
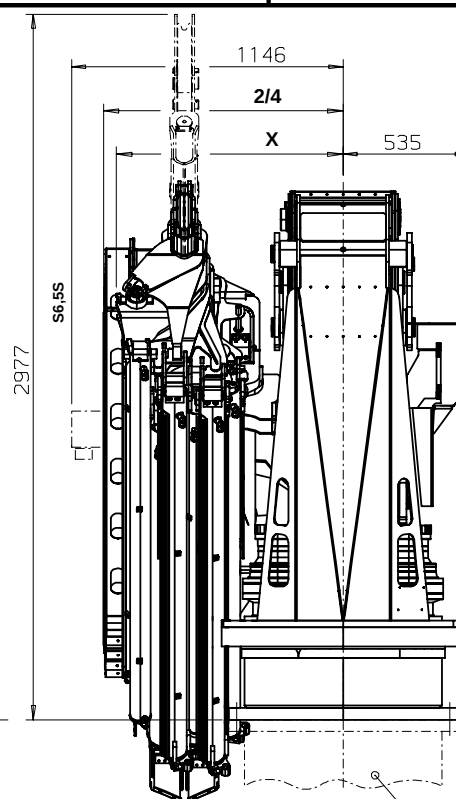
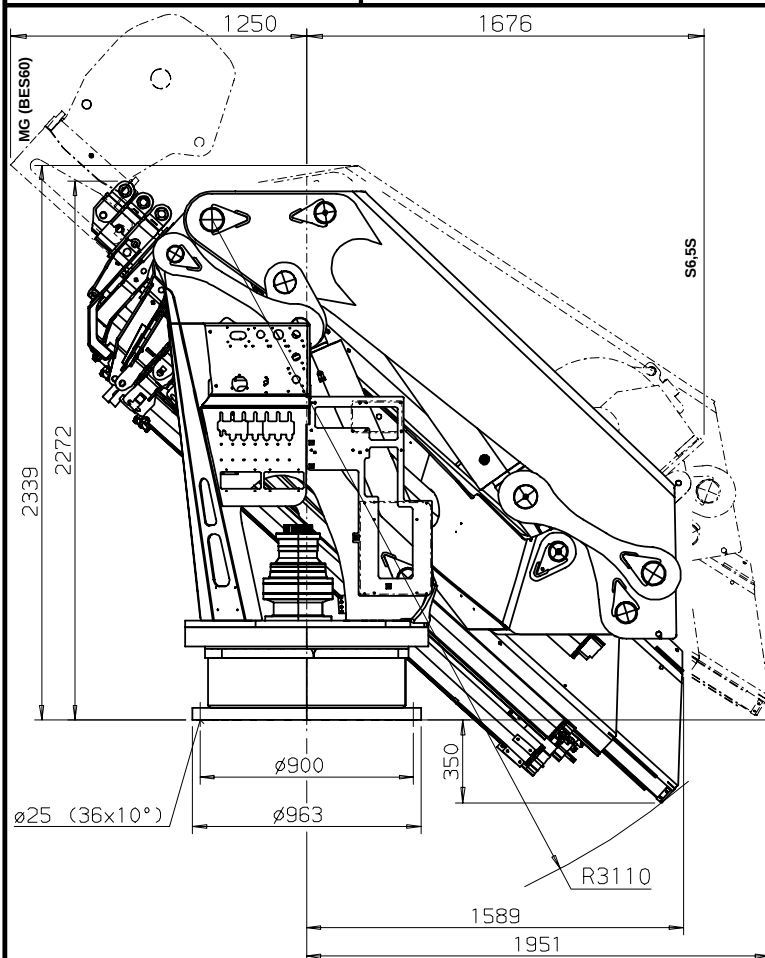
	Hochstand (I) <i>Standing platform (I)</i>	Kabine (J) <i>Cabin (J)</i>	Notsteuerung (NI) <i>Emergency control (NI)</i>
Gewicht <i>Weight</i>	260 kg 573 lbs	350 kg 772 lbs	150 kg 330 lbs



hydraulische Ausschübe hydraulic extensions	X	2/4
1 ()		
2 (A)	886 mm	1011 mm
3 (B)	886 mm	1011 mm
4 (C)	886 mm	1011 mm
5 (D)	886 mm	1011 mm
6 (E)	886 mm	1011 mm
7 (F)		
8 (G)	956 mm	1011 mm



hydraulische Ausschübe hydraulic extensions	X	2/4
1 ()		
2 (A)	886 mm	1011 mm
3 (B)	886 mm	1011 mm
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5 (D)	886 mm	1011 mm
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7 (F)		
8 (G)	956 mm	1011 mm

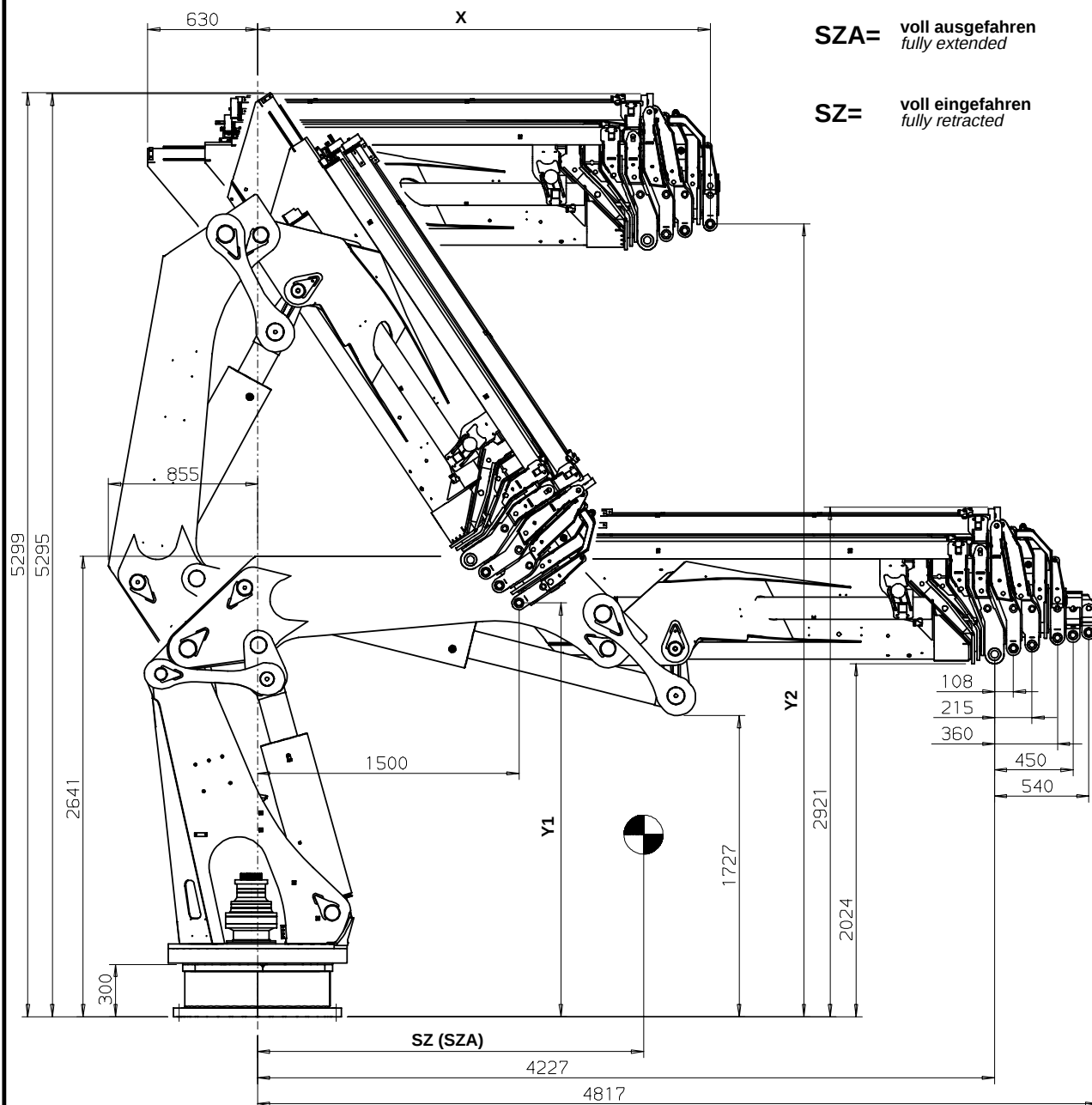


Ausführung mit Notsteuerung nur in Verbindung mit Fernsteuerung.

Crane executed with emergency control only available with remote control system.

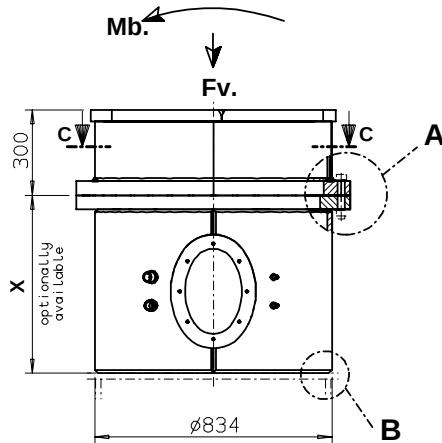
Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.
Subject to change, production tolerances have to be taken into account.

hydraulische Ausschübe hydraulic extensions	X	2/4
1 ()		
2 (A)	886 mm	1011 mm
3 (B)	886 mm	1011 mm
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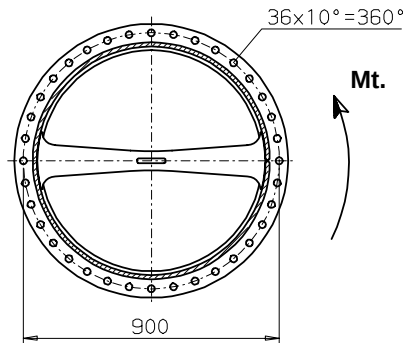


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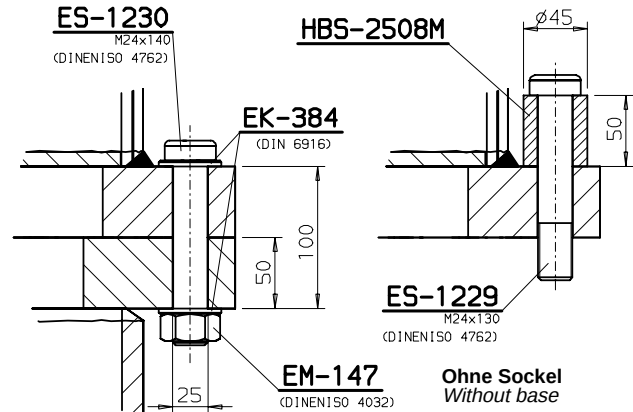
hydraulische Ausschübe hydraulic extensions								
	1 (J)	2 (A)	3 (B)	4 (C)	5 (D)	6 (E)	7 (F)	8 (G)
X				2235 mm	2343 mm	2450 mm	2480 mm	2596 mm
Y1				2836 mm	2693 mm	2556 mm	2450 mm	2373 mm
Y2				4452 mm	4486 mm	4508 mm	4520 mm	4546 mm
SZ				1405 mm	1511 mm	1594 mm	1650 mm	1716 mm
SZA				2566 mm	3176 mm	3747 mm	4153 mm	4800 mm



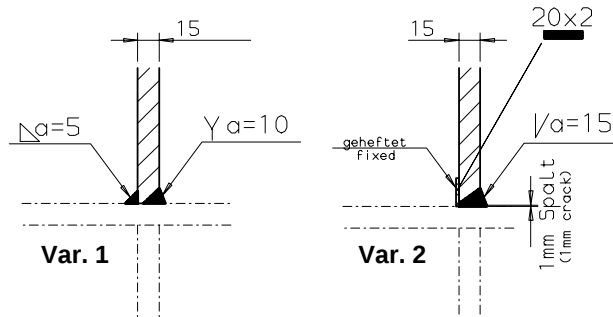
Schnitt C-C
Section C-C



Detail "A"



Detail "B"



KRÄFTE – MOMENTE – GEWICHTE (PK65002MG)
FORCES – MOMENTS – WEIGHTS

Mb. max. Kranmoment – statisch
Mb. max. crane moment – static **678,5 kNm**

Mb. max. Kranmoment mit Beiwerten – dynamisch
Mb. max. crane moment – dynamic **807,5 kNm**

Fv. max. Kraft vertikal – statisch
Fv. max. force vertically – static **84,6 kN**

Fv. max. Kraft mit Beiwerten – dynamisch
Fv. max. force – dynamic **95,7 kN**

Fv max. = Kraneigengewicht + max. Traglast
Fv max. = Weight of crane + max. lifting capacity

Mt. max. Torsionsmoment – statisch
Mt. max. torsional torque – static **81,6 kNm**

Mt. max. Torsionsmoment mit Beiwerten – dynamisch
Mt. max. torsional torque – dynamic **98 kNm**

BEFESTIGUNG:

36 Schrauben M 24 korrosionsgeschützt. Werkstoff 10.9; Zugfestigkeit 1000 N/mm²; Streckgrenze 900 N/mm²
Anziehmoment = 875 Nm (nicht gefettet); Schraubenoberfläche DACROMET 500A

SCHWEISSNAHTANSCHLUSS:

Rohrsockel – Stahlrohr 834x15 STE 460 DIN 17102 (S460); Schweißverfahren MAG, Zusatzwerkstoff SG 2 DIN 8559
Schweißverfahren E, Zusatzwerkstoff E 51 54 B 10 DIN 1913

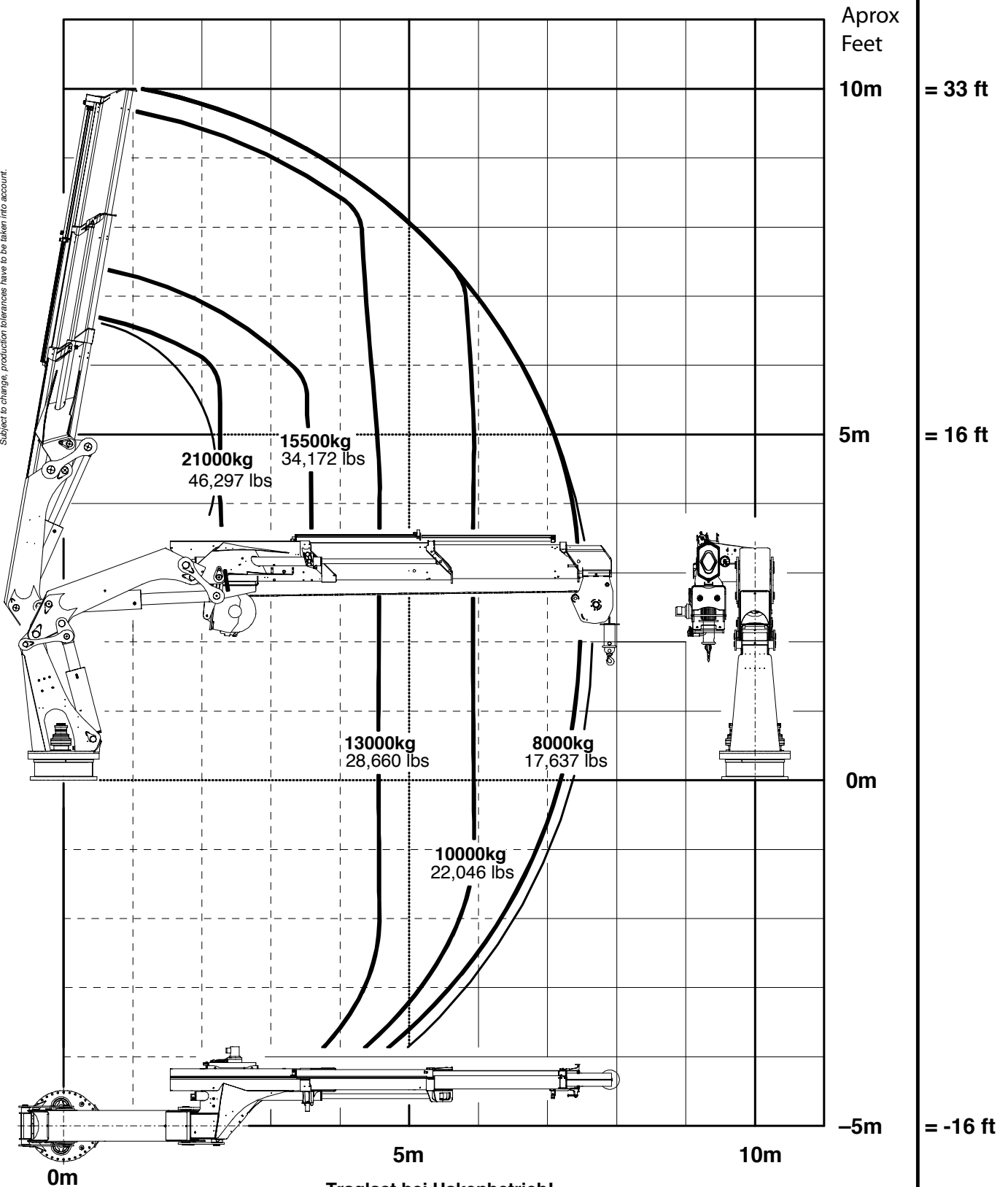
MOUNTING:

36 bolts M 24 protected against corrosion. Material 10.9; tensile strength 1000 N/mm²; yield point 900 N/mm²
Tightening moment = 875 Nm (not oiled); surface of screw DACROMET 500A

WELDING:

Mounting base – pipe 834x15 STE 460 DIN 17102 (S460); welding procedure MAG, filler metal SG 2 DIN 8559
welding procedure E, filler metal E 51 54 B 10 DIN 1913

Konstruktionsänderungen vorbehalten, fertigungstechn. Toleranzen müssen berücksichtigt werden.
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Traglast bei Hakenbetrieb!

Bei Windenbetrieb müssen die Gewichte der Windenbauteile abgezogen werden.

Load by operation in hook-modus!

When operating in winch-modus the lifting loads must be reduced by the weight of the winch application.