



Technical Information

S1400

HMF Z001138



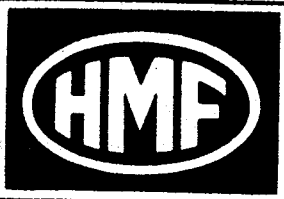
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Cf. section "IN GENERAL"

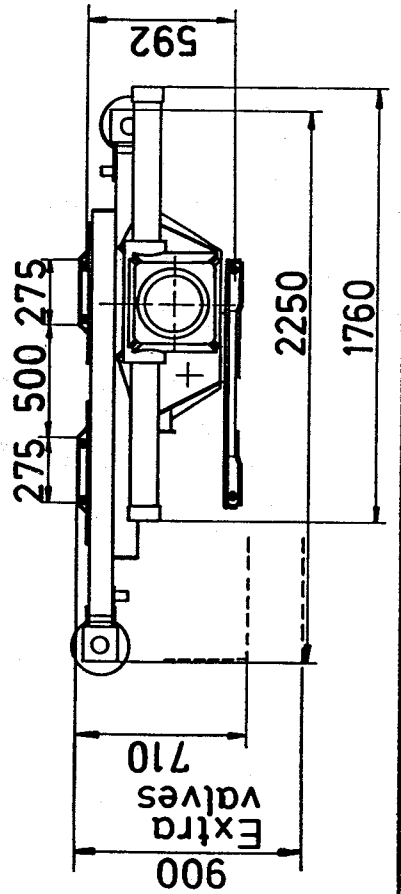
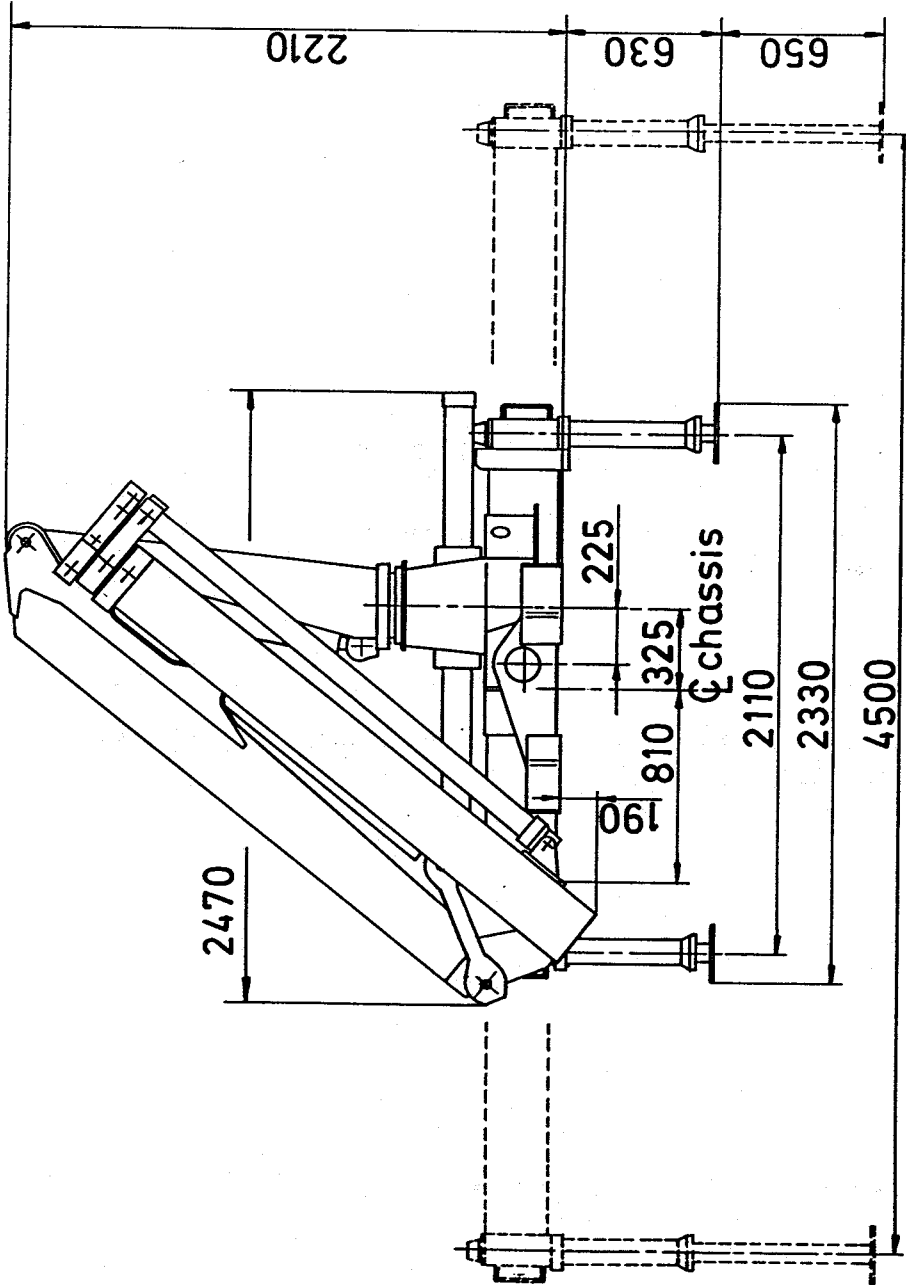
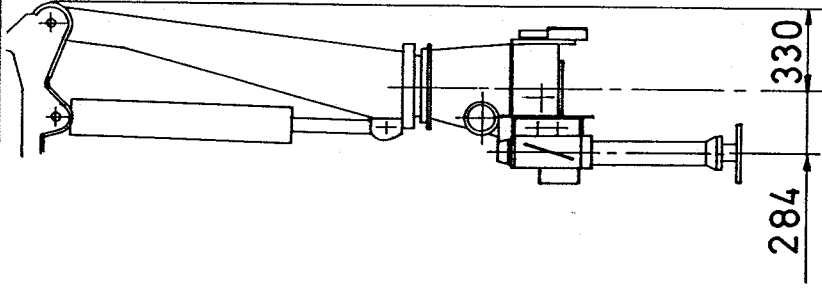
Center of gravity	31 3501
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Målskitse
Dimension Sketch
Massskizze

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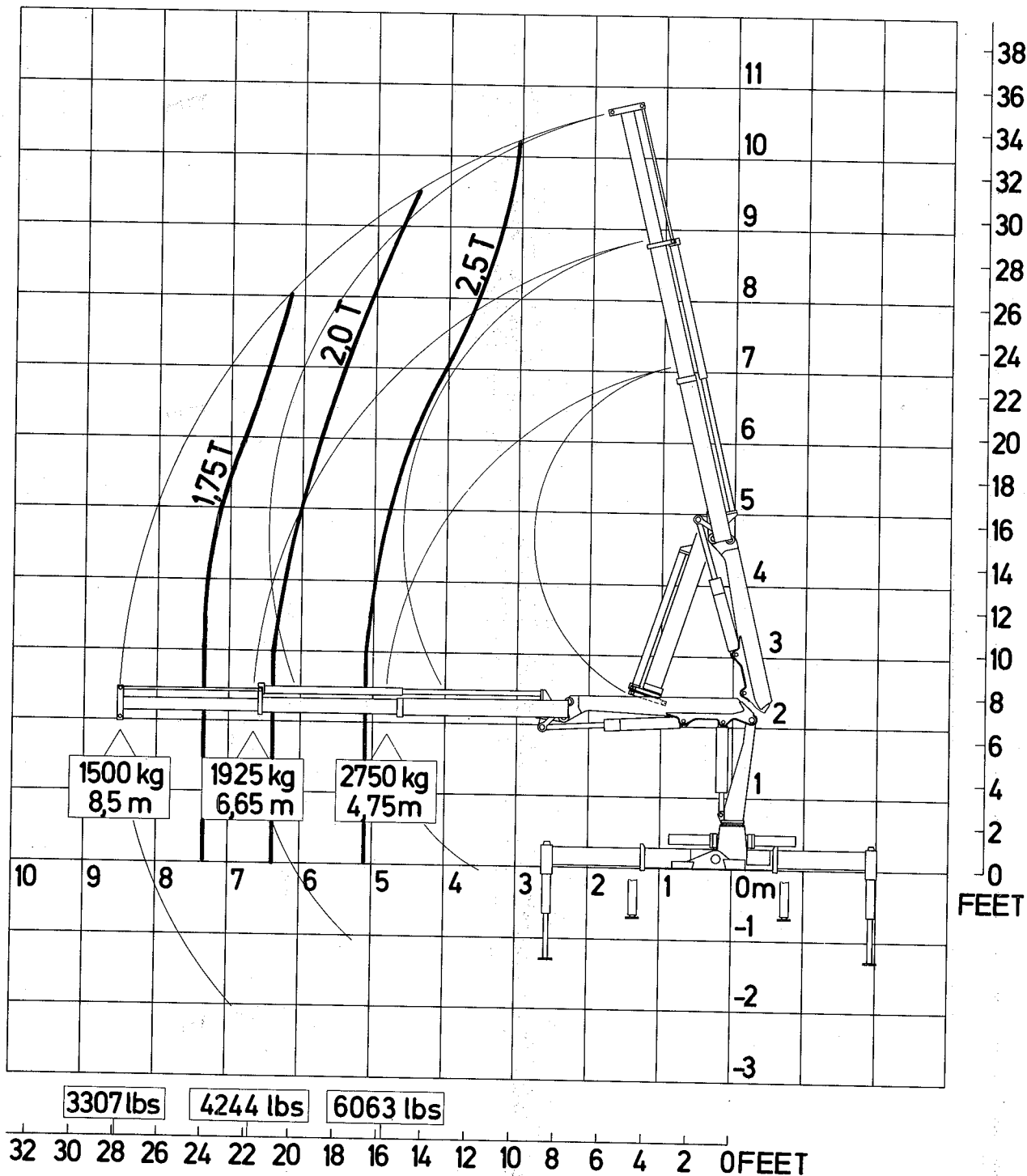




Belastningsdiagram, K2
Lifting Capacity Diagram, K2
Belastungsdiagramm, K2

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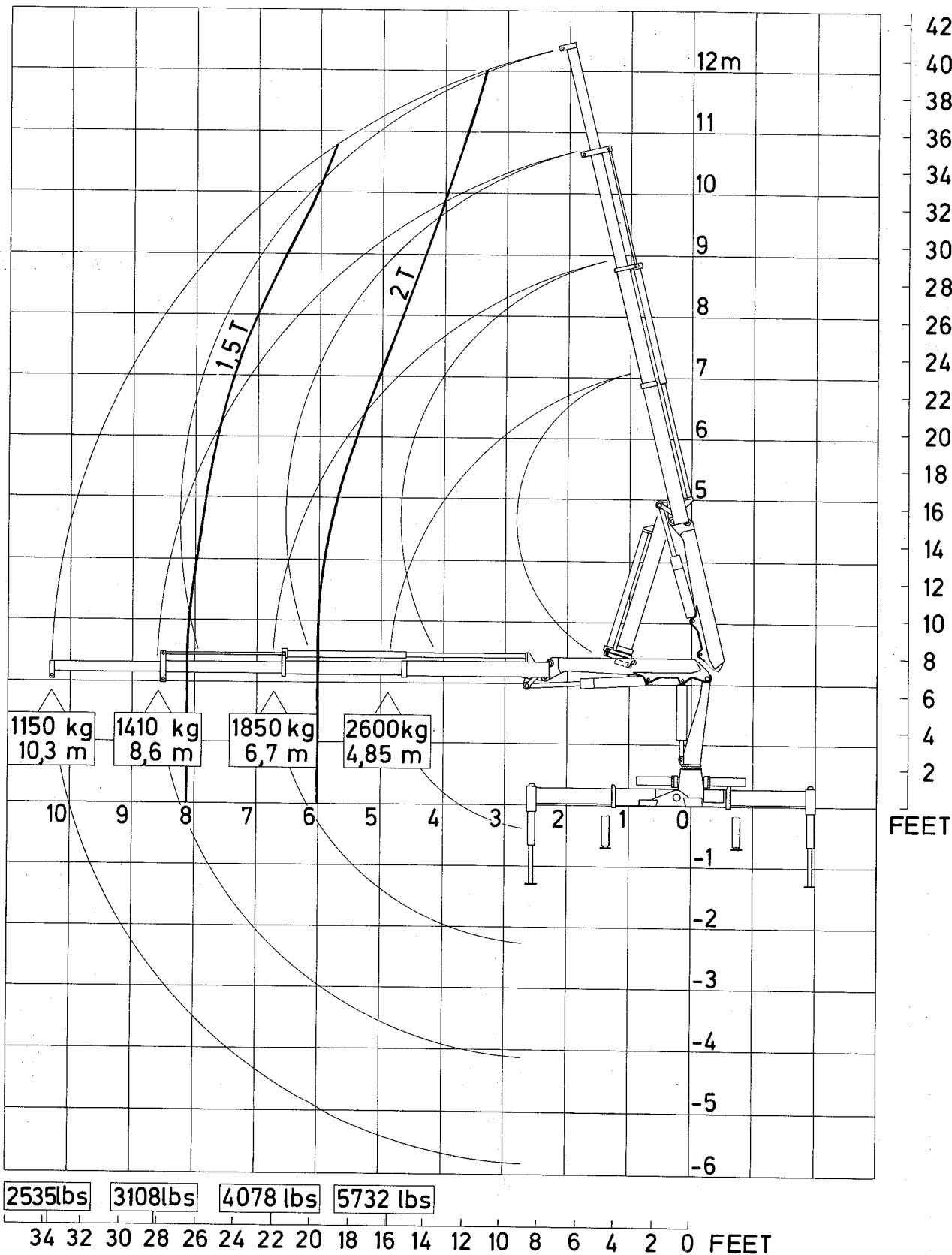




Belastningsdiagram, K3
Lifting Capacity Diagram, K3
Belastungsdiagramm, K3

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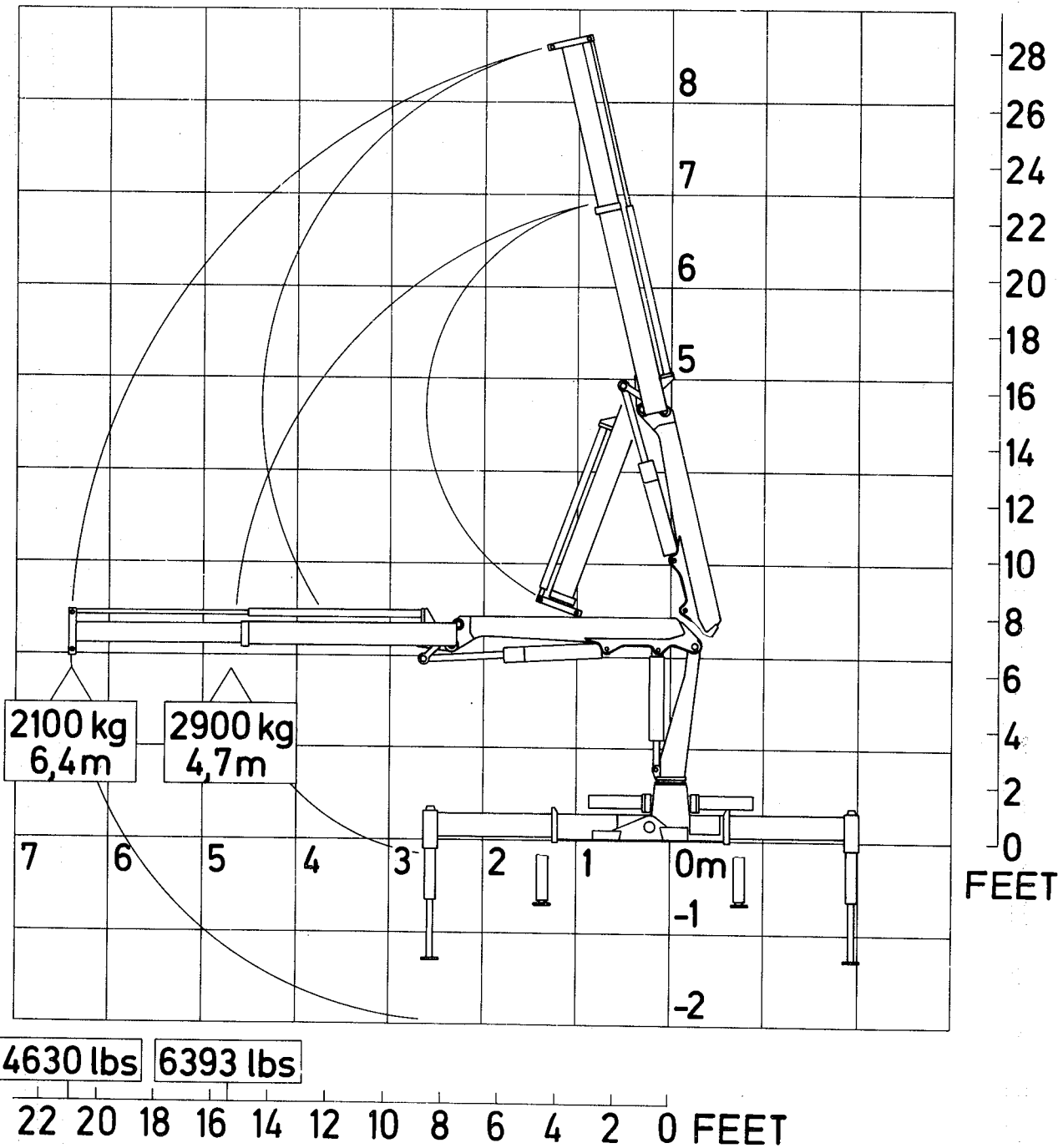




Belastningsdiagram, K1
Lifting Capacity Diagram, K1
Belastungsdiagramm, K1

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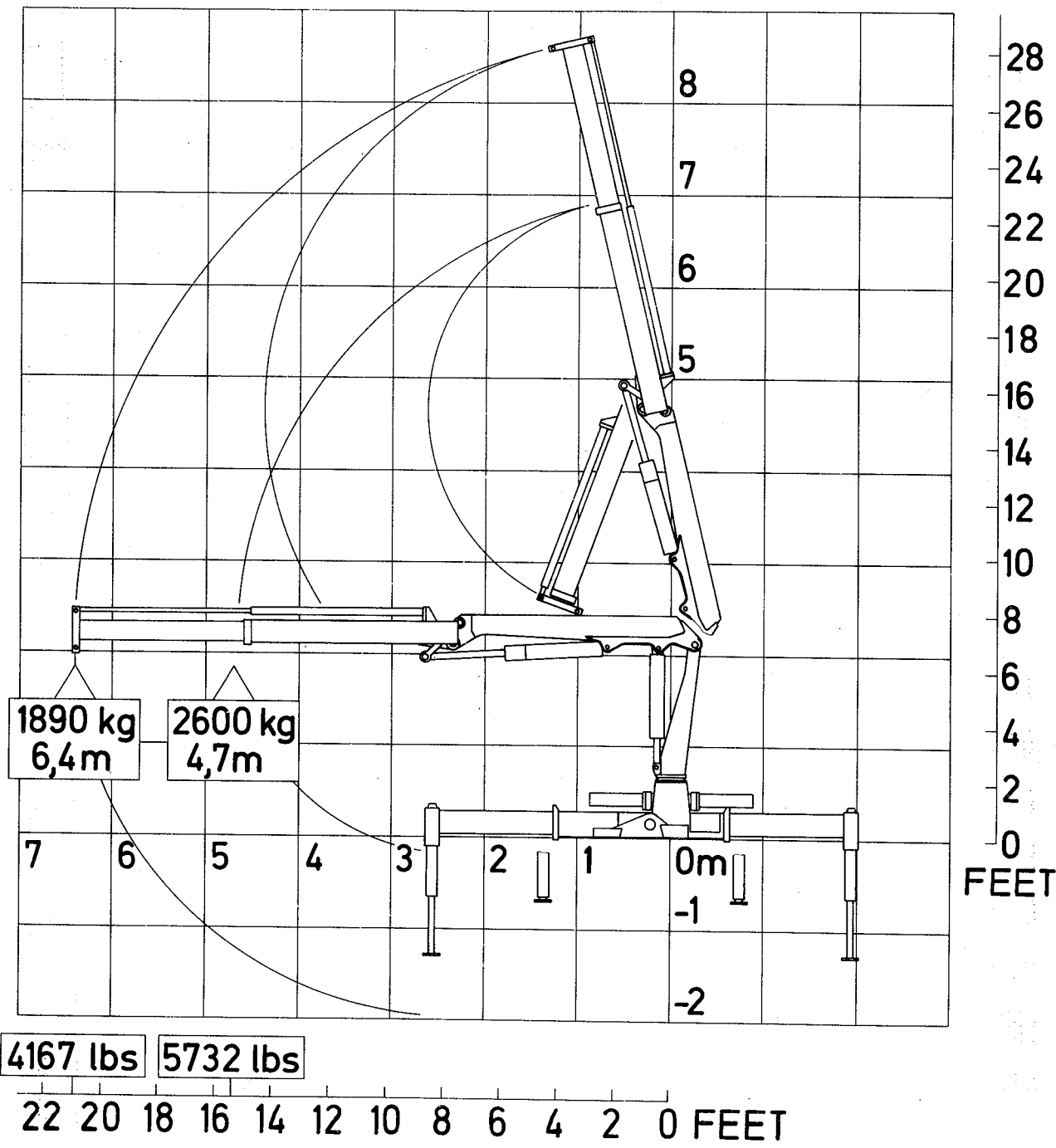




Belastningsdiagram, K1
Lifting Capacity Diagram, K1
Belastungsdiagramm, K1

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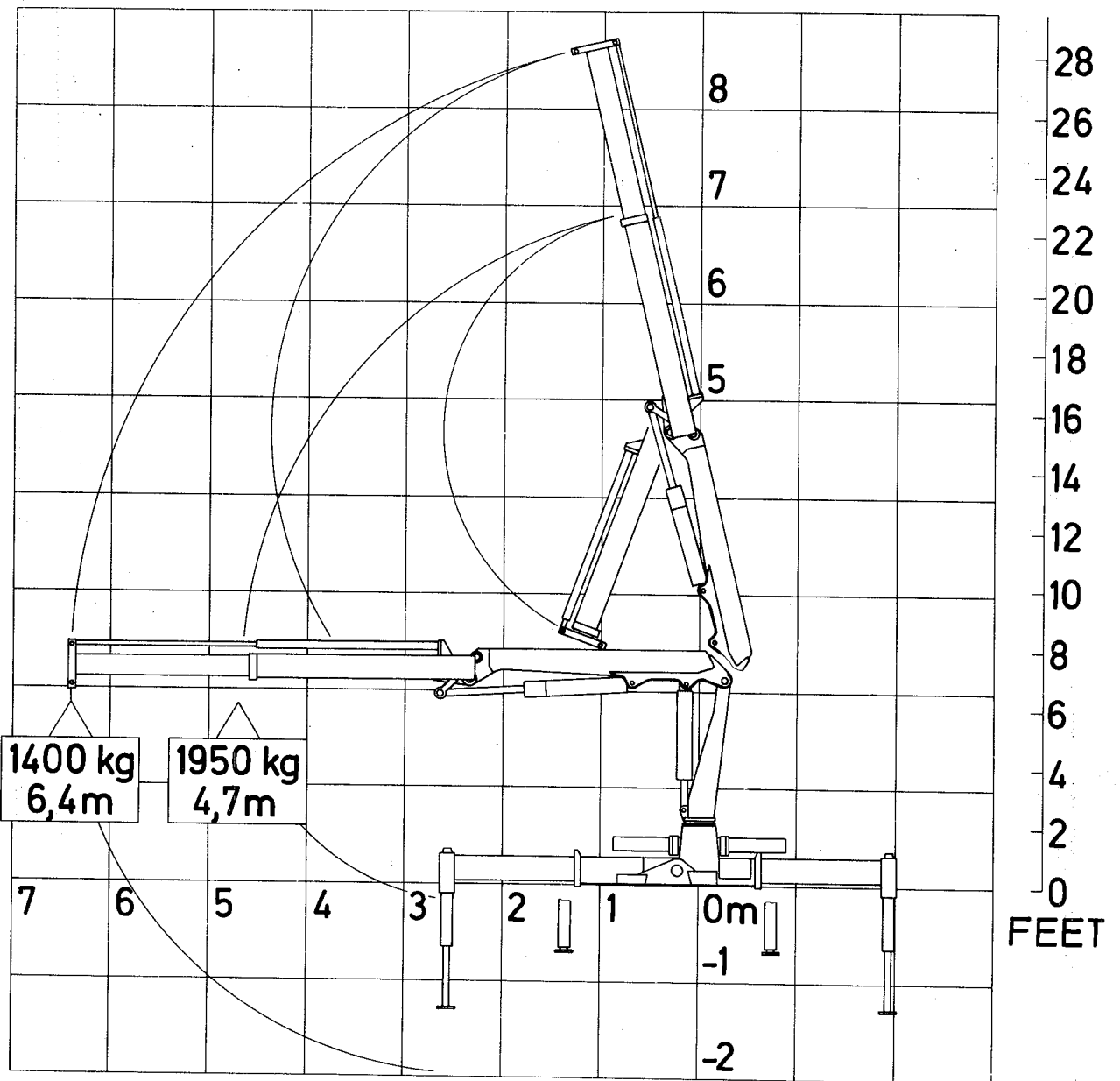




Belastningsdiagram, K1
Lifting Capacity Diagram, K1
Belastungsdiagramm, K1

Side:
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3086 lbs 4299 lbs

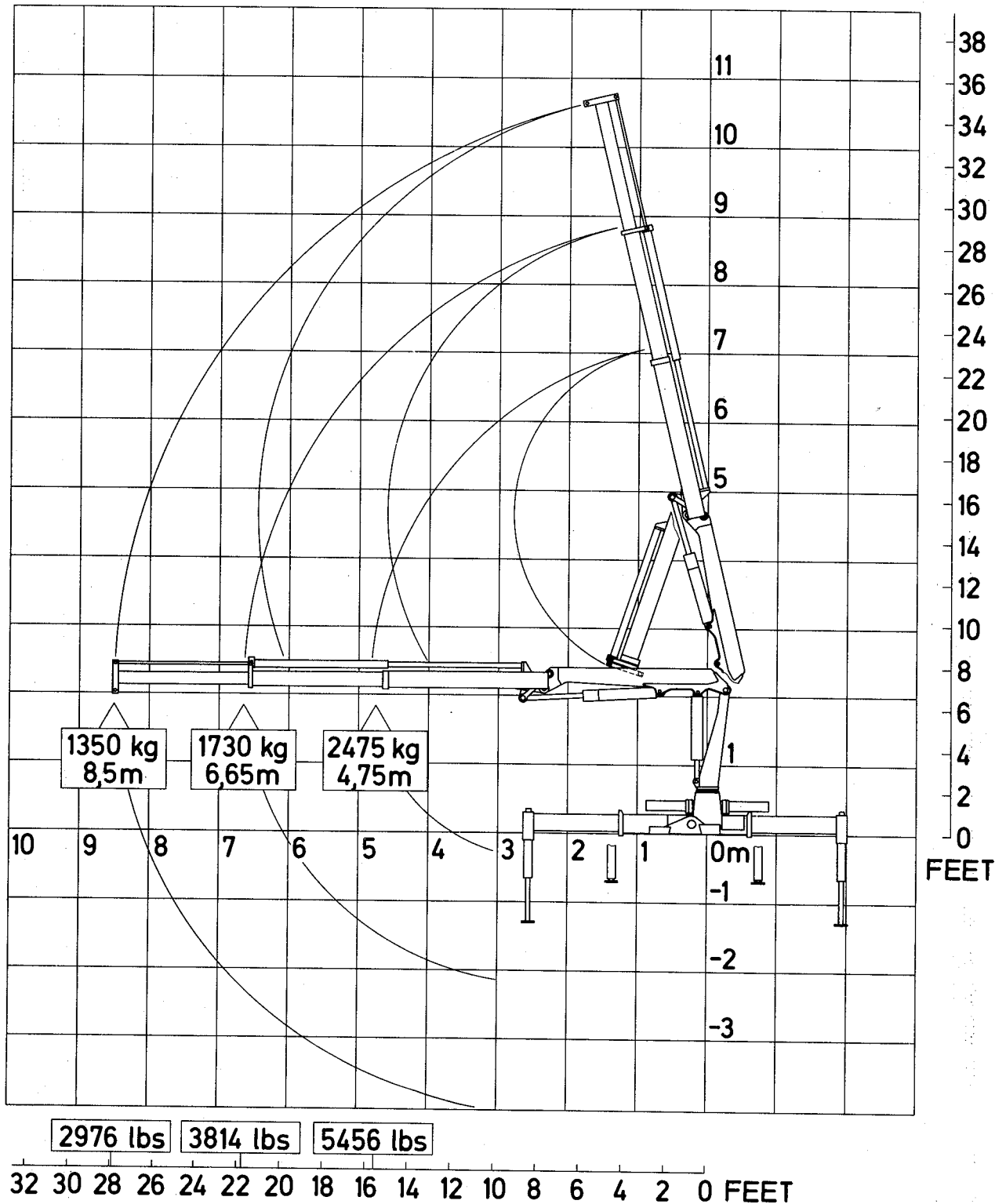
22 20 18 16 14 12 10 8 6 4 2 0 FEET



Belastningsdiagram, K2
Lifting Capacity Diagram, K2
Belastungsdiagramm, K2

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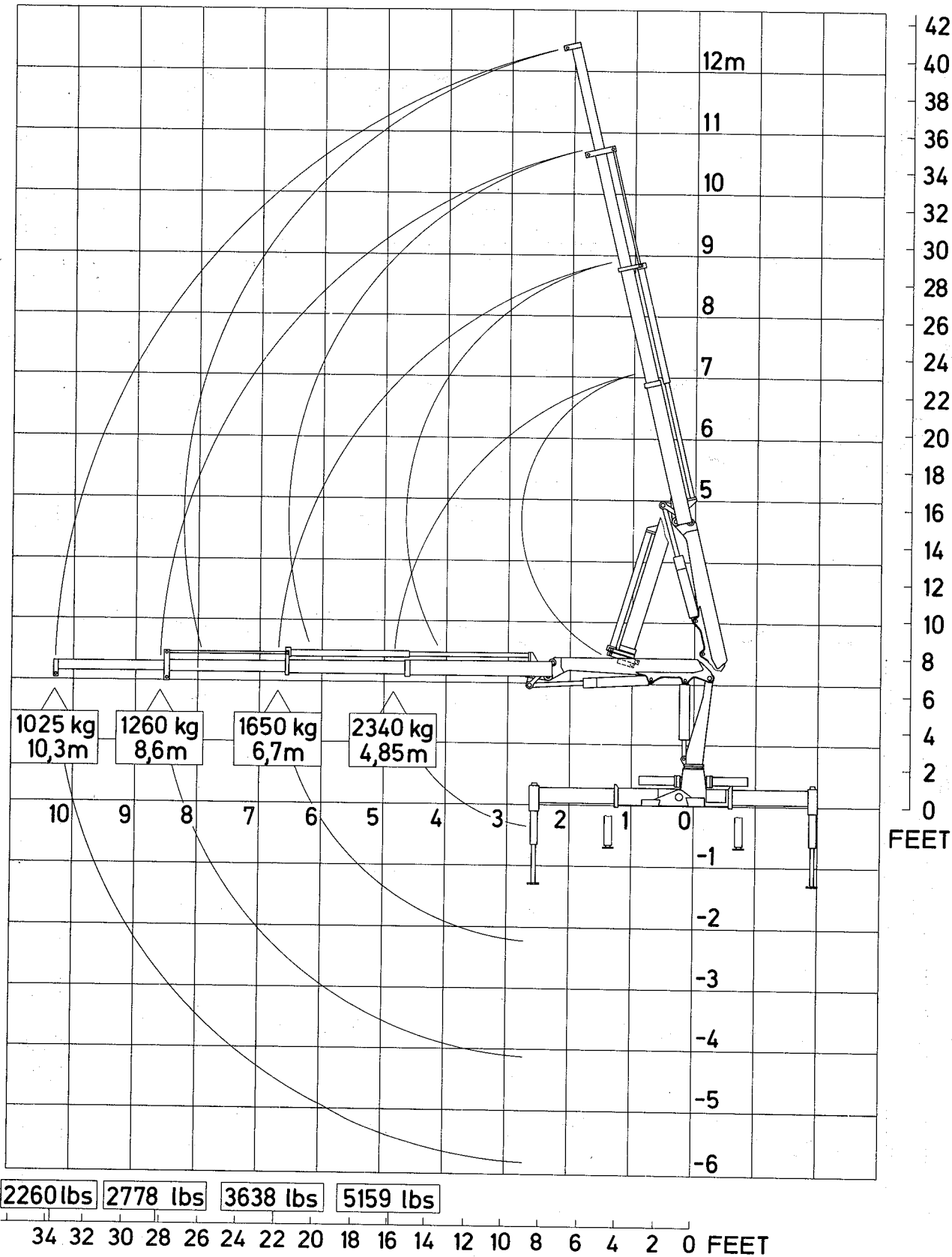


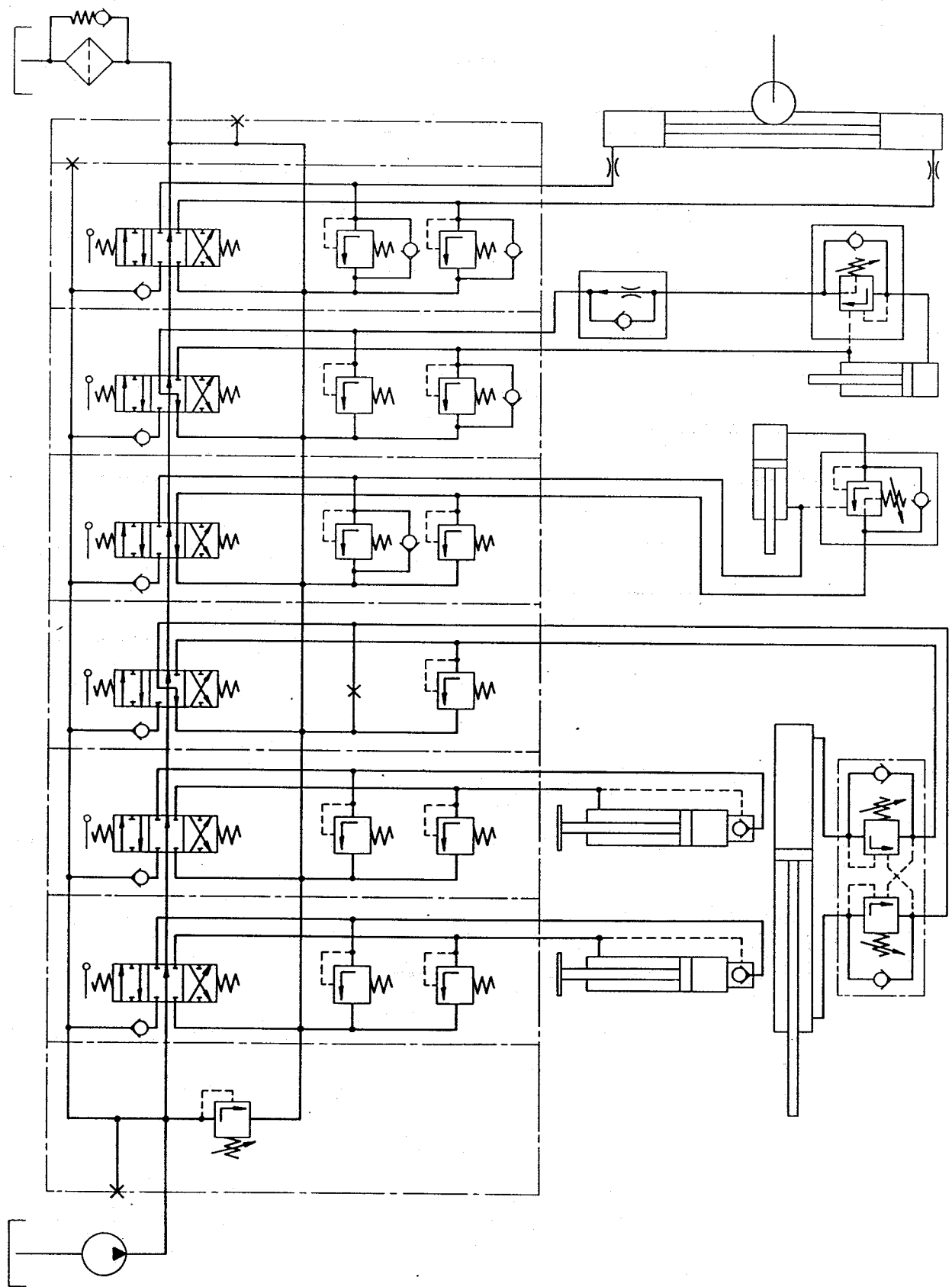


Belastningsdiagram, K3
Lifting Capacity Diagram, K3
Belastungsdiagramm, K3

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SETTING OF WORKING PRESSURE
MAX. PUMP PERFORMANCE

All setting of the working pressure must be done with a pressure gauge, and the values given in the diagram below must be complied with implicitly. For the preset port-relief valves, see service information page 01 009.

Working pressure has to be controlled in connection with the annual inspection and by all major repairs.

Control and setting of load-holding valves are described on service information page 02 005.

We stress the fact that the guarantee and any responsibility on the part of HMF will be invalidated if the conditions in this information are not complied with.

Working pressure on port-relief valves		Loading group			
Function		Unit	02	03	04
Main-relief valve		MPa	24.0	22.0	17.0
Stabilizers	down	-	15.0	15.0	15.0
	up	-	15.0	15.0	15.0
Slewing system		-	15.0	15.0	15.0
Boom cylinder	up	-	25.0	25.0	20.0
	down	-	12.5	12.5	12.5
Jib cylinder	up	-	25.0	25.0	20.0
	down	-	12.5	12.5	12.5
Extension cyl.	out	-	15.0	15.0	15.0
	in	-	P	P	P
Separate stab. valve		-	15.0	15.0	15.0

Opening pressure on load-holding valves

Boom cylinder		-	26.5	24.5	19.5
Jib cylinder		-	25.0	23.0	18.0
Extension cyl.		-	25.0	25.5	25.5

Pressure setting for load-moment limitation

Type LMB 2		-	25.0	23.0	18.0
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Max. Pump performance

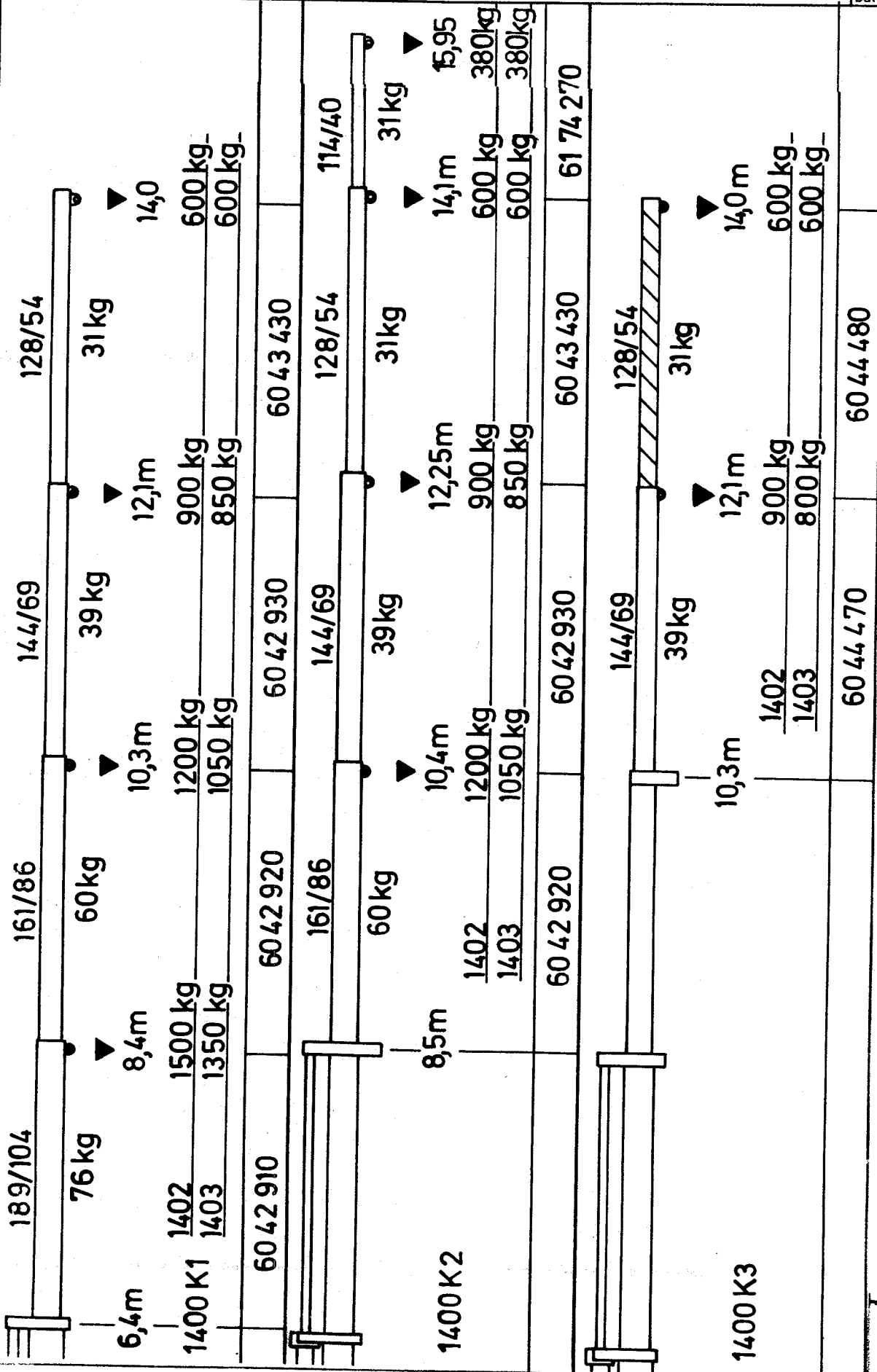
Pump performance		l/min	1 x 45 - 2 x 40		
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1 MPa = 10 bar



Forlængerarme
Jib Extensions
Verlängerungen

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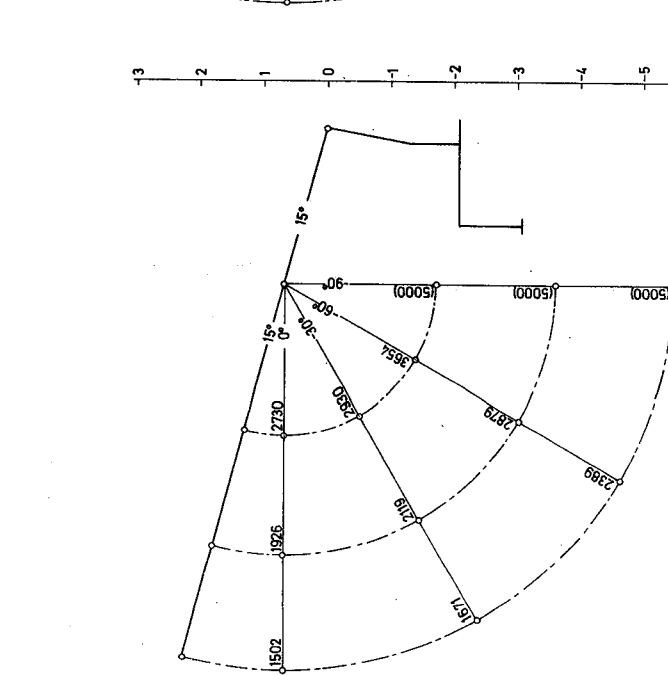
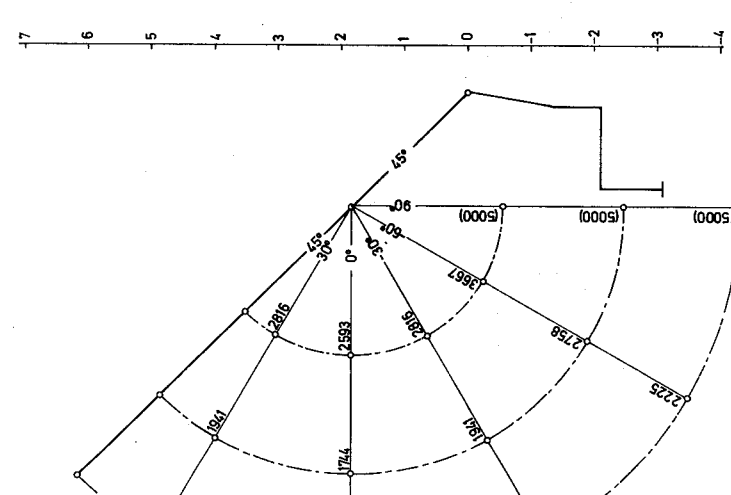
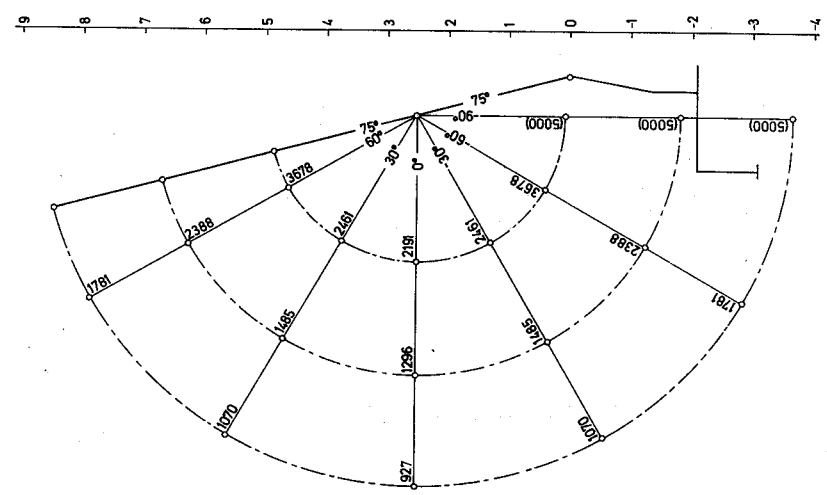
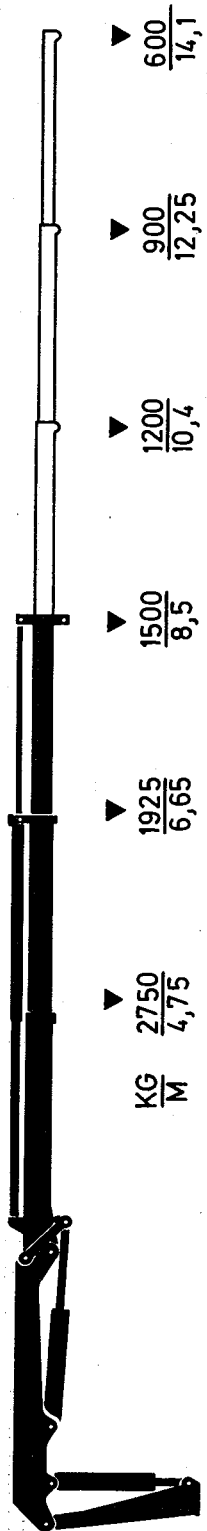
SKAL AFMONTERES / MUST BE DISMOUNTED / MUSSEN ABMONTIERT WERDEN
 DE ANGIVNE BELASTNINGER MÅ IKKE OVERSKRIDES.
 THE STATED LOADS MUST NOT BE EXCEEDED.
 DIE ANGEGBENEN BELASTUNGEN MUSSEN NICHT ÜBERSCHRITTEN WERDEN.



Løfteevne ved varierende armstillinger, K2
 Lifting Capacity in Various Boom Positions, K2
 Tragkraft bei Verschiedenen Armstellungen, K2

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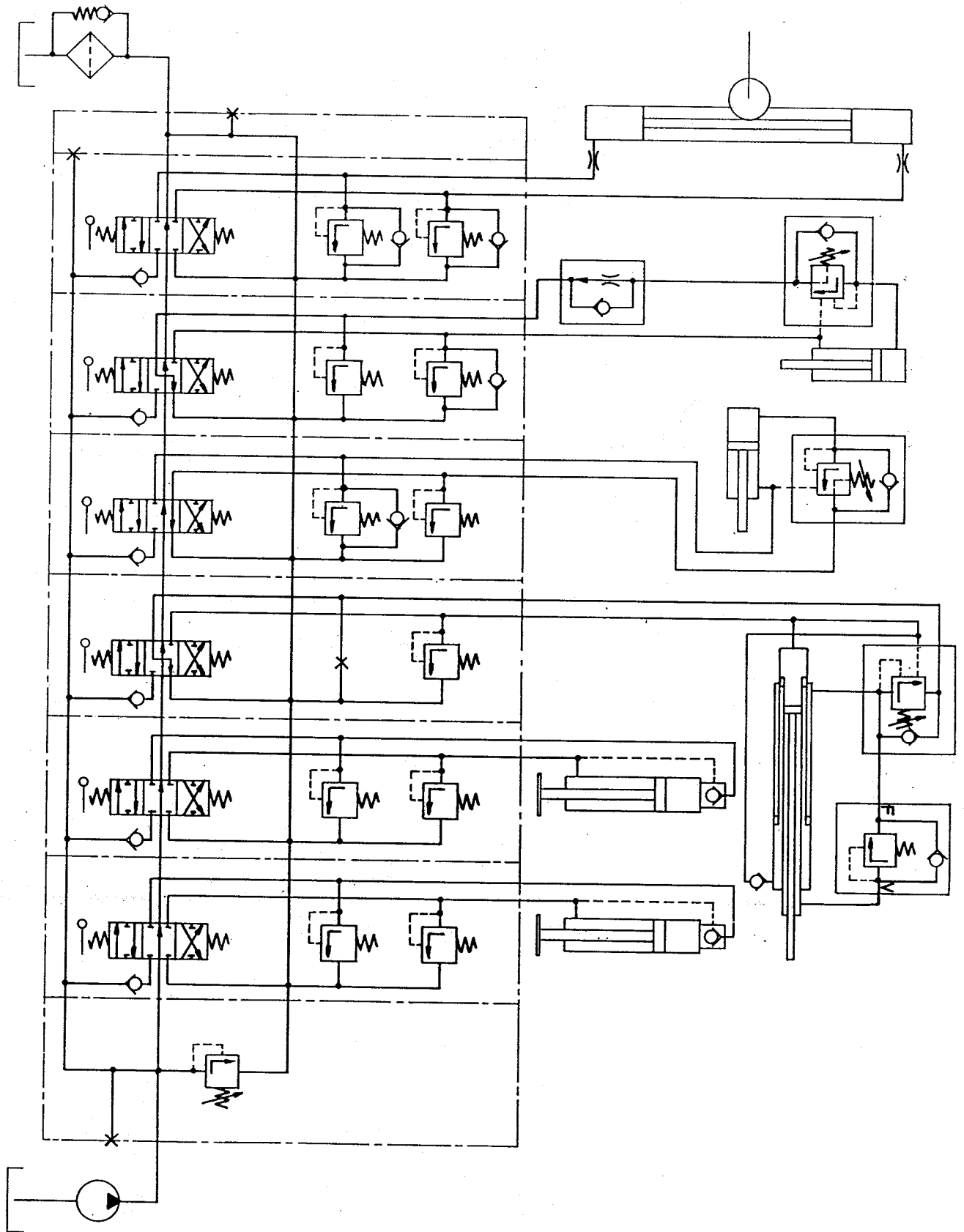


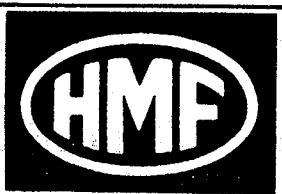


Hydraulisk diagram, K2
Hydraulic Diagram, K2
Hydraulisches Diagramm, K2

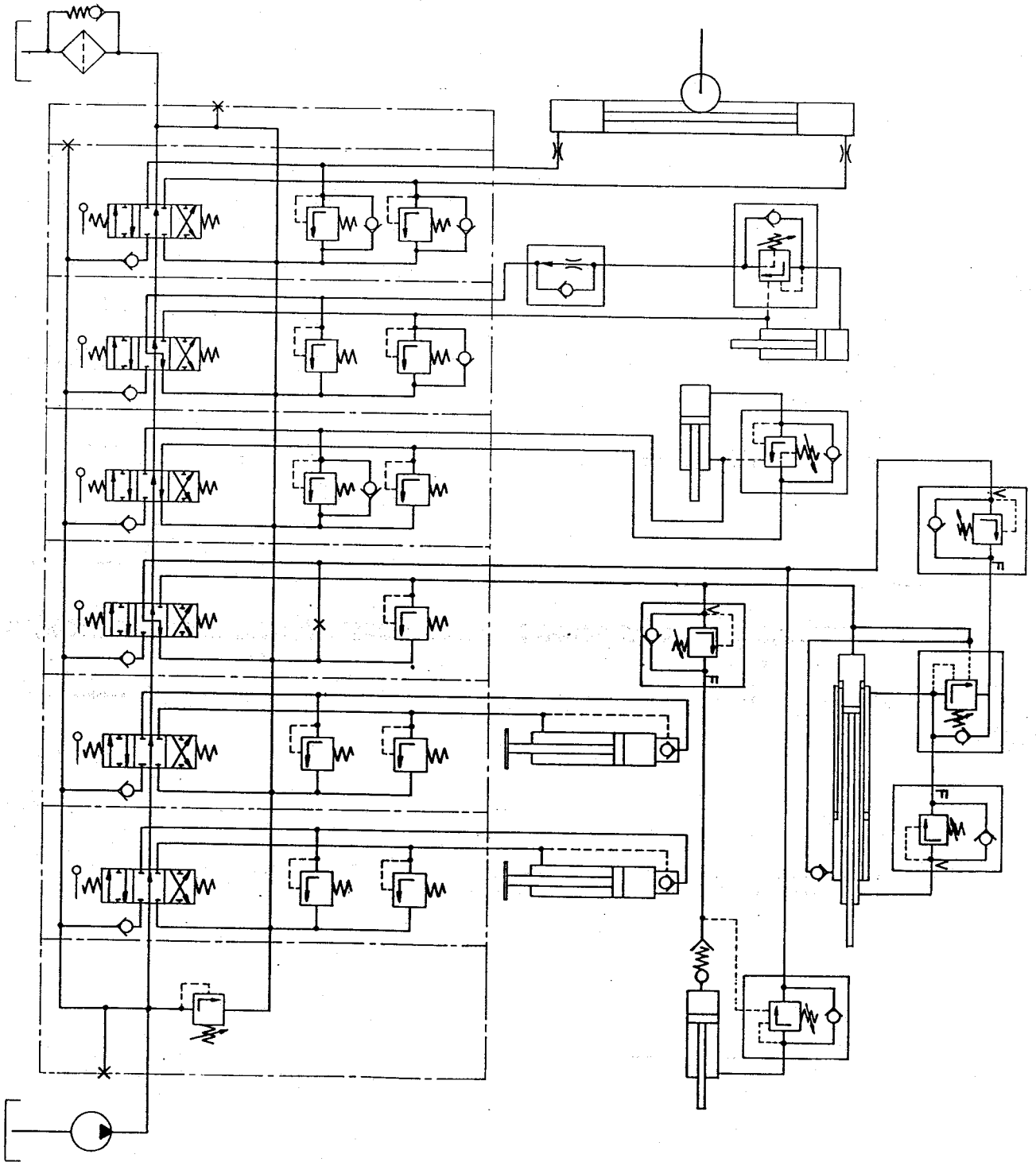
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Hydraulisk diagram, K3
Hydraulic Diagram, K3
Hydraulisches Diagramm, K3

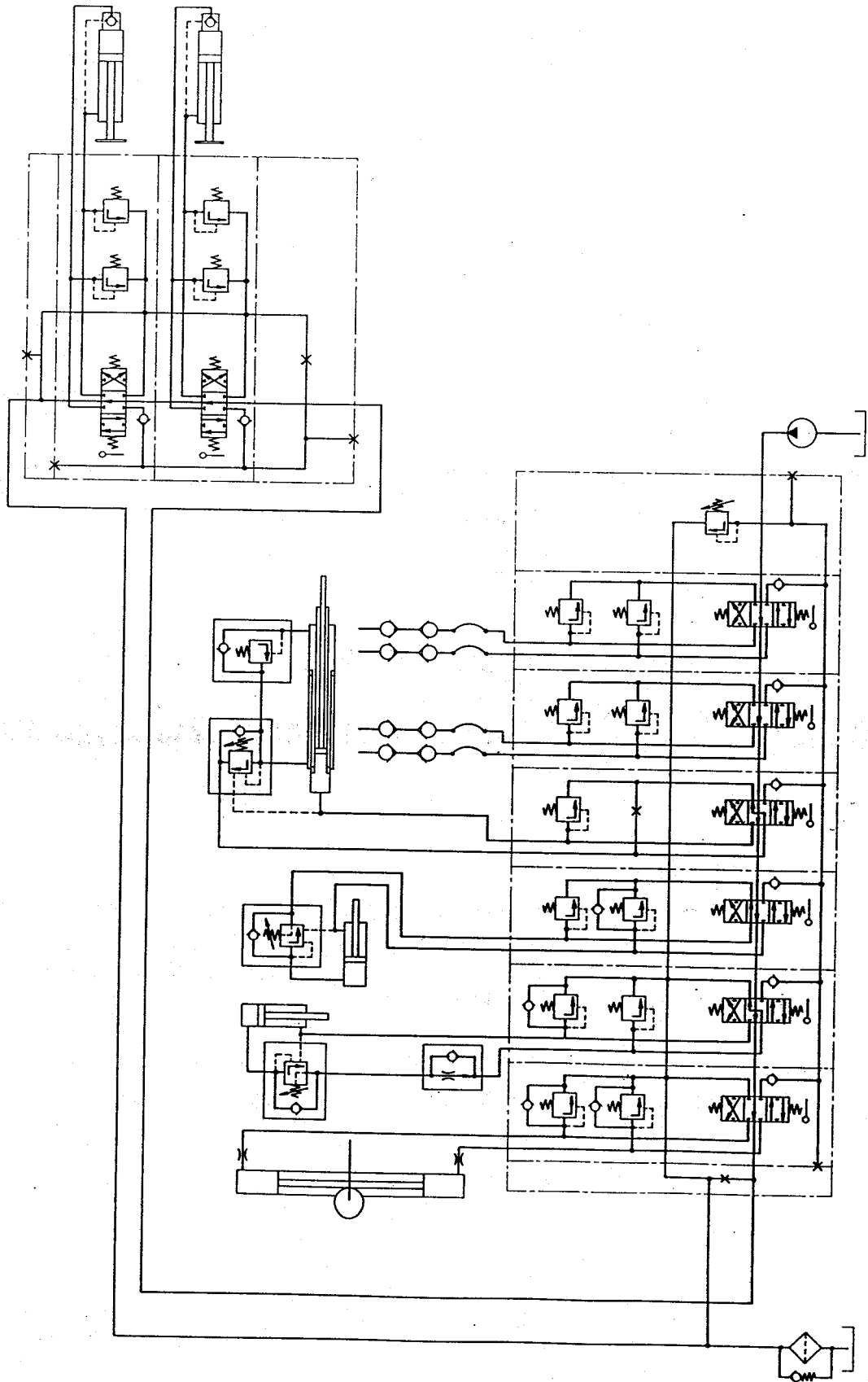


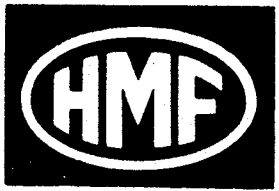


Hydraulisk diagram for 2 ekstra ventiler
Hydraulic Diagram, 2 extra Valves
Hydraulisches Diagramm, 2 Zusatzventile

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Datum: 27-06-90

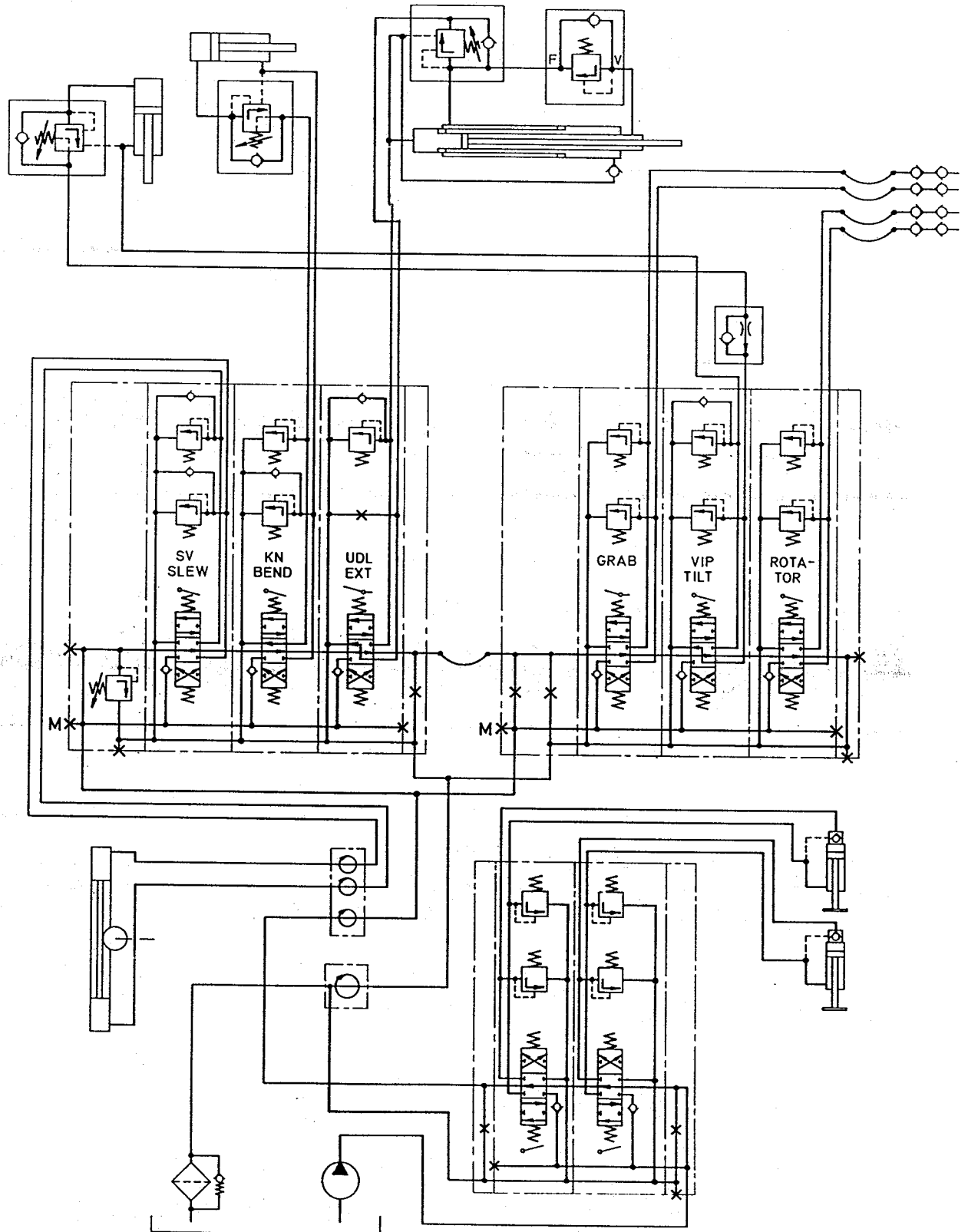




Hydraulisk diagram, 1-kreds
Hydraulic Diagram, Single Circuit
Hydraulisches Diagramm, 1-Kreis

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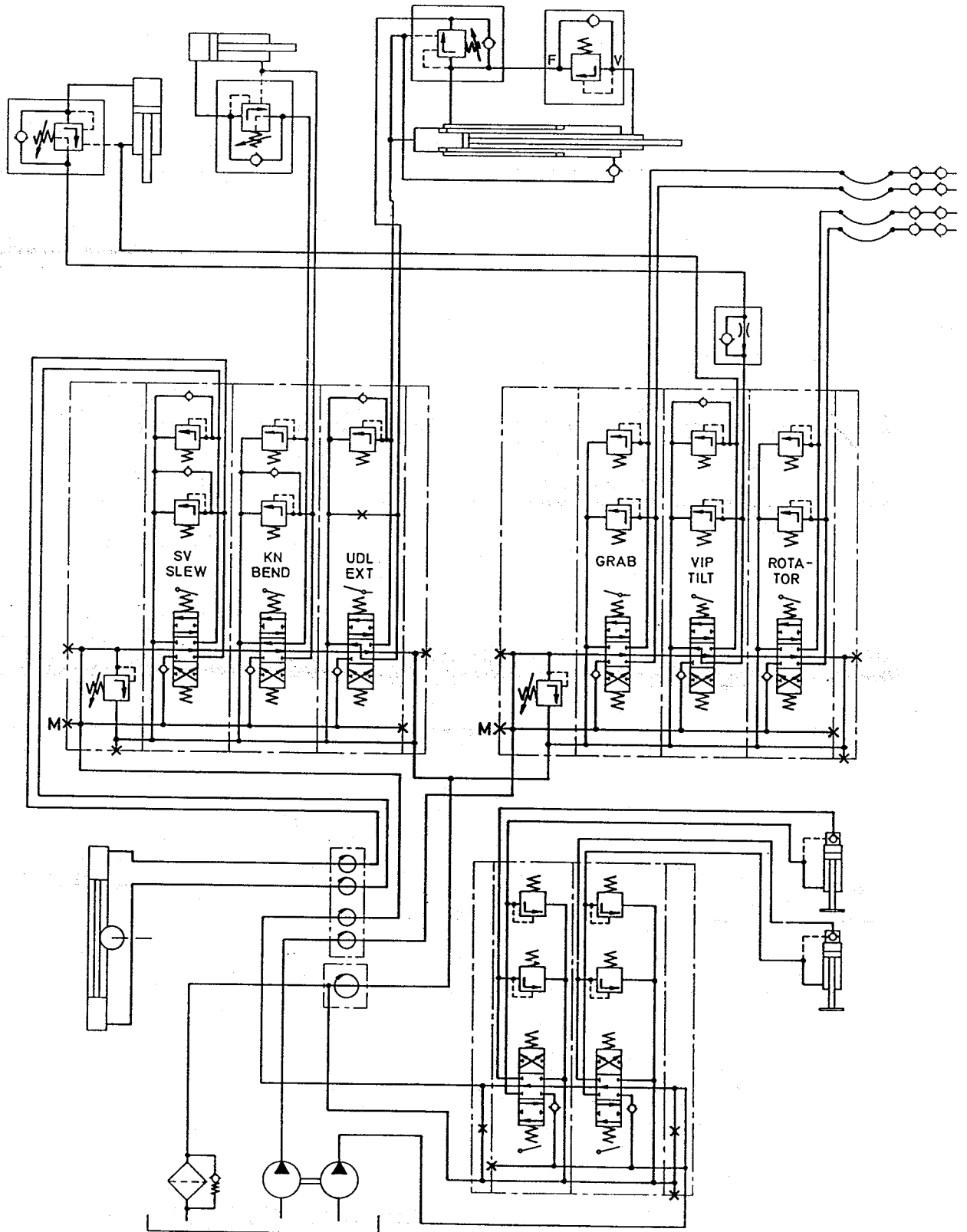


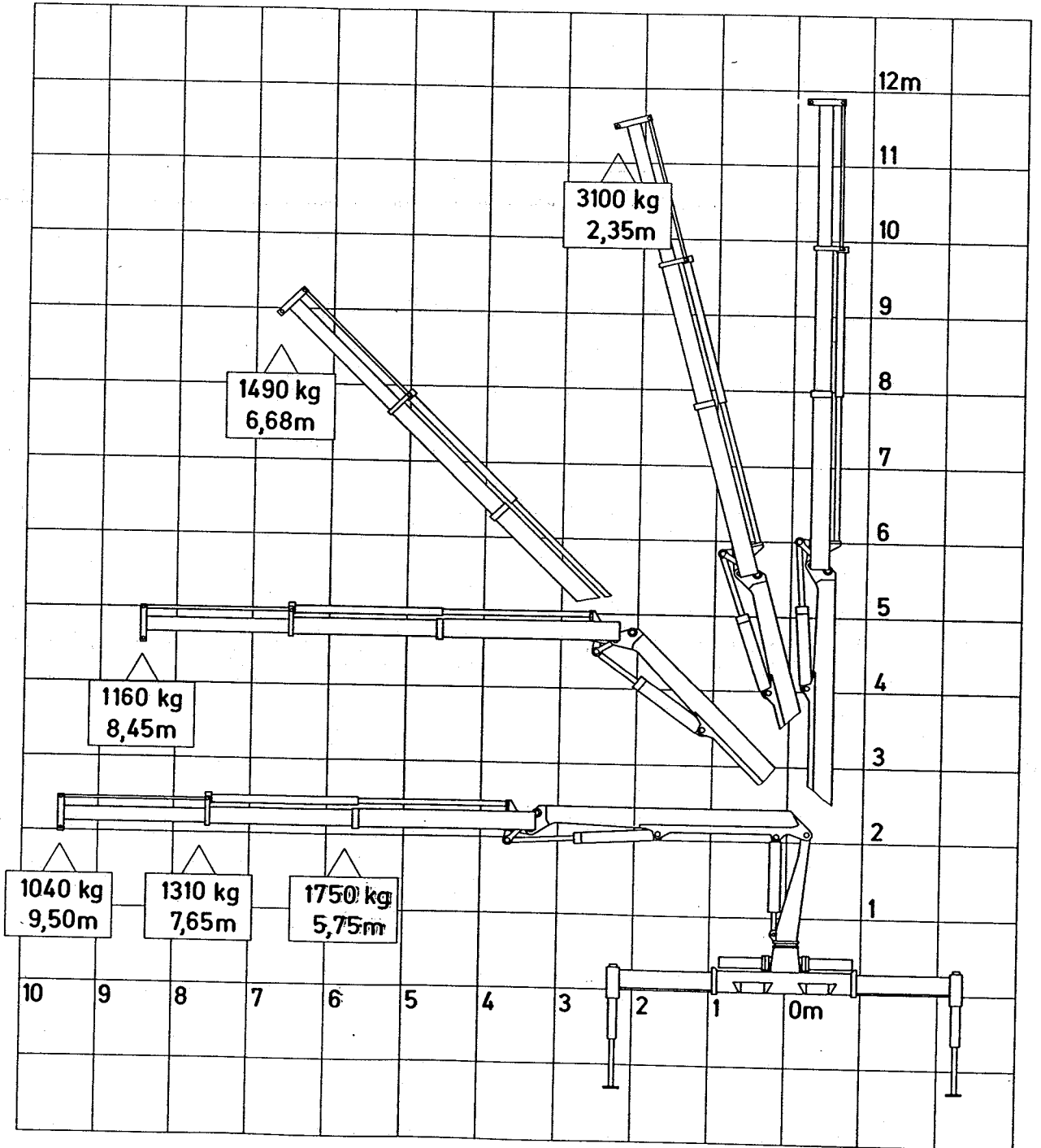
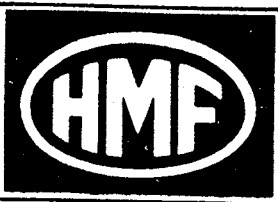


Hydraulisk diagram, 2-kreds
Hydraulic Diagram, Dual Circuit
Hydraulisches Diagramm, 2-Kreis

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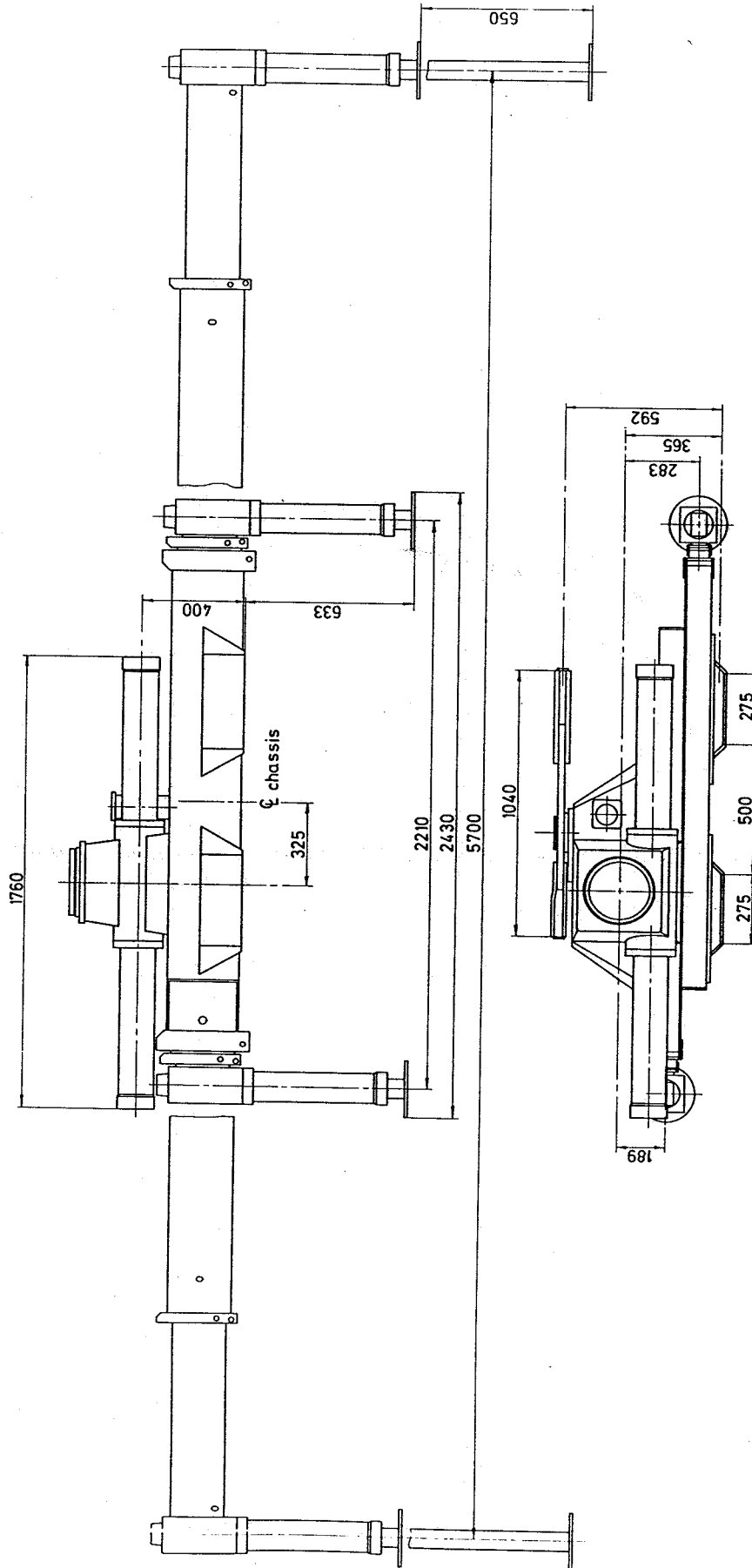




Dobbelt udtræk
Double Extension
Doppelter Auszug

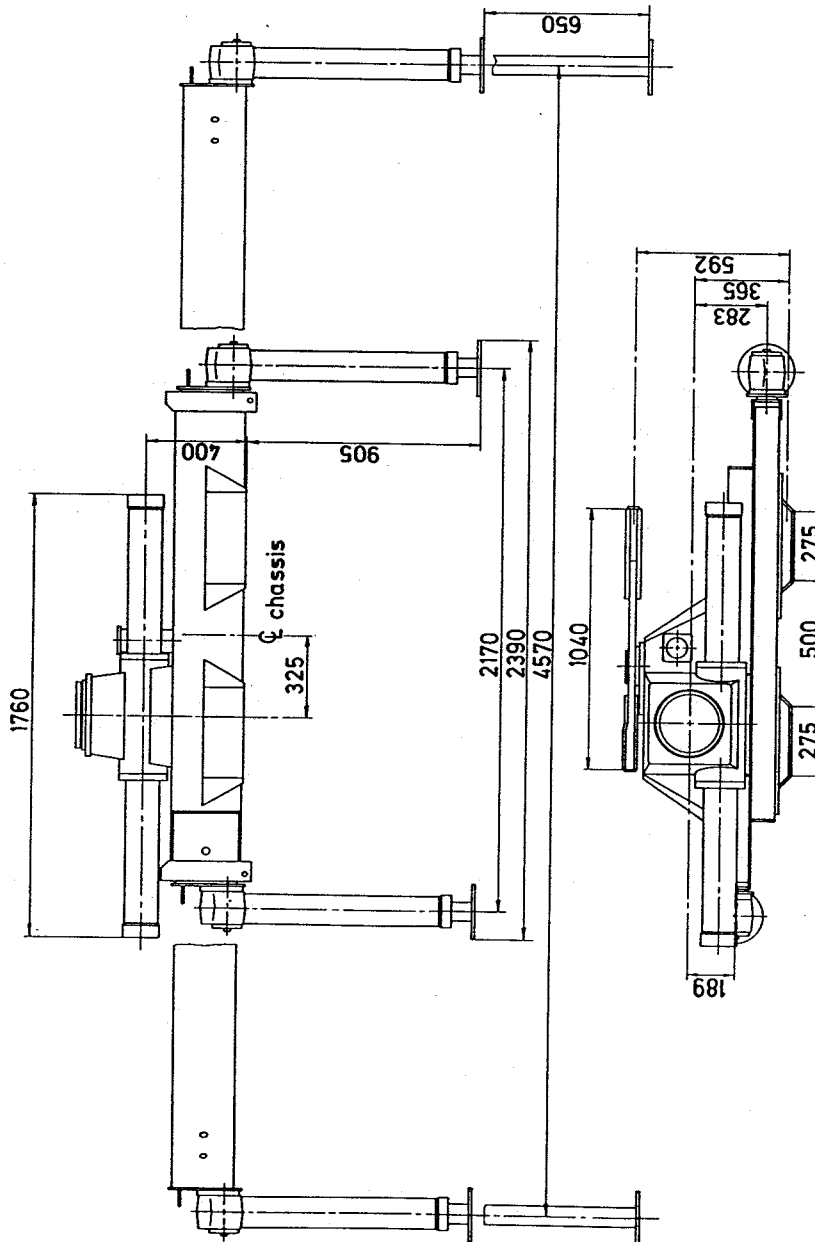
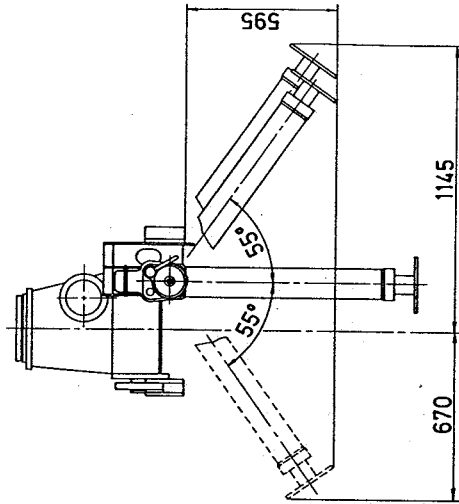
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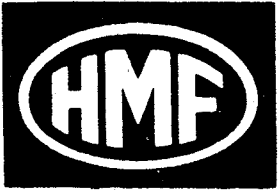
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Opsvingelig støtteben
Swing-up Stabilizer Leg
Aufschwenkbeine

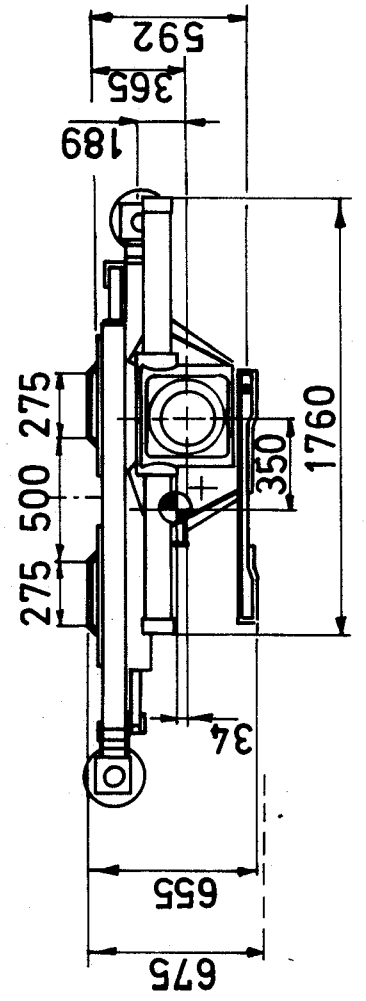
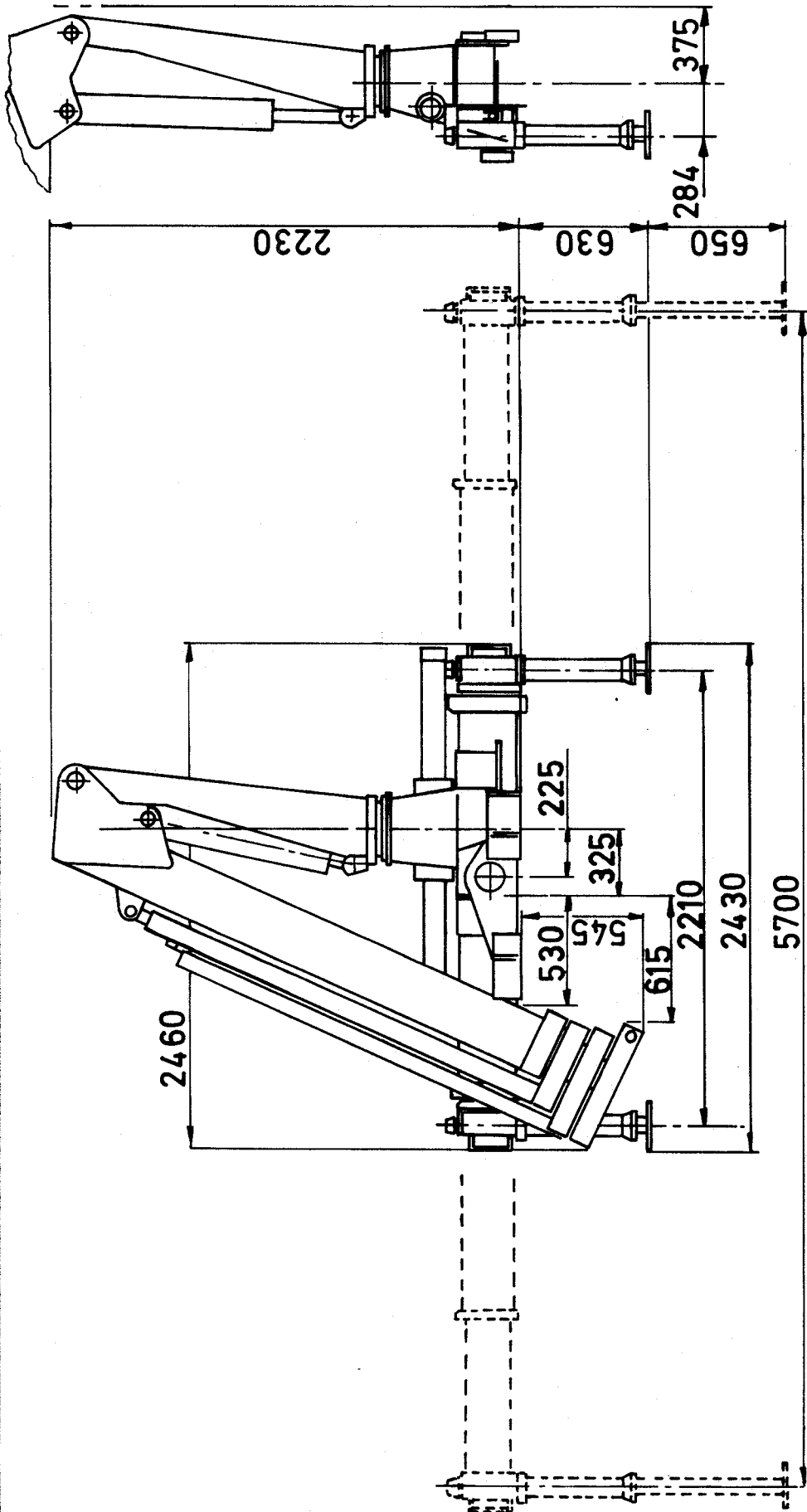




Målskitse
Dimension
Massskizze

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extra valves



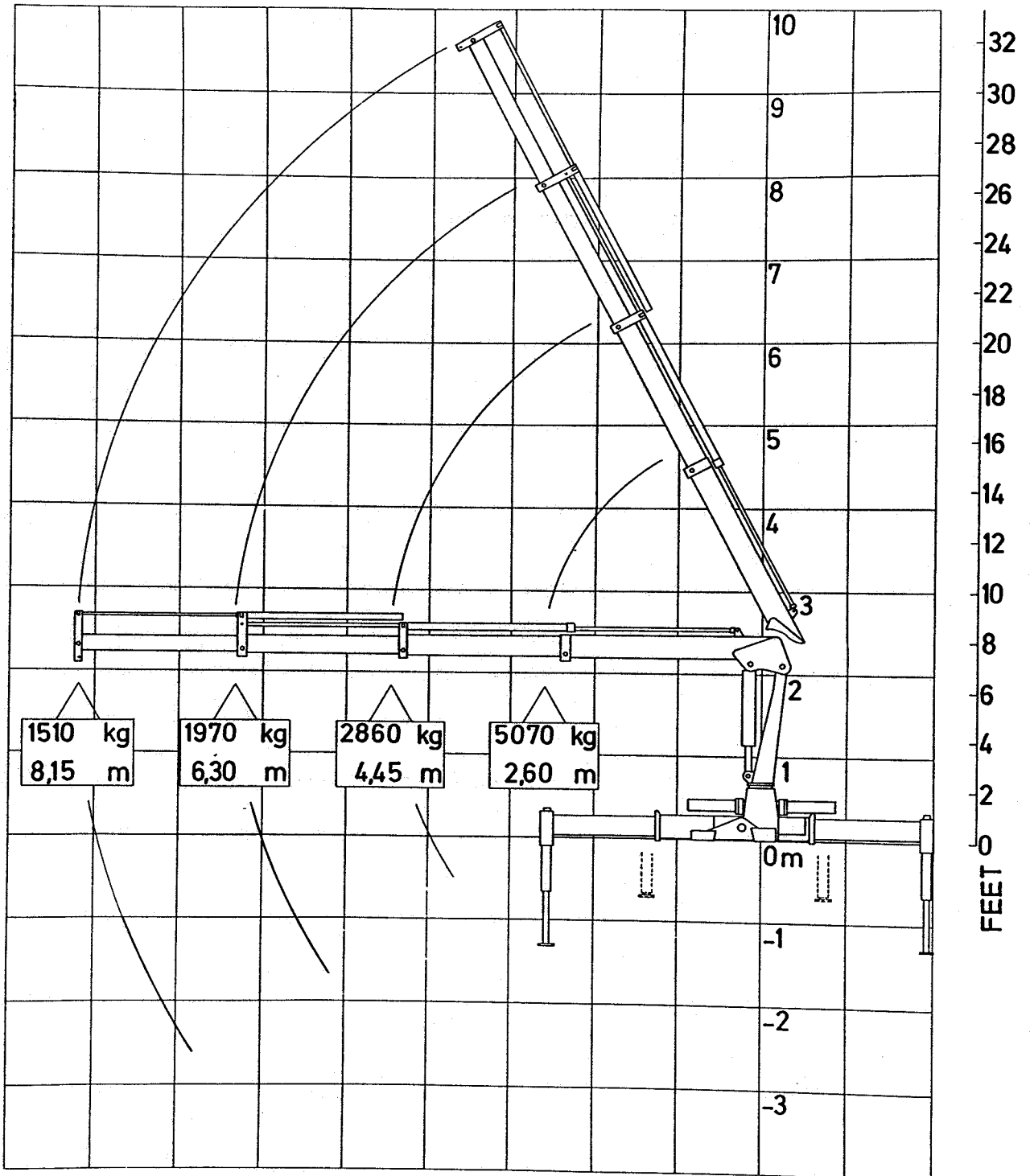
TECHNICAL INFORMATION, type 1402 T3

3 1 4025

Belastningsdiagram, T3
Lifting Capacity Diagram, T3
Belastungsdiagramm, T3

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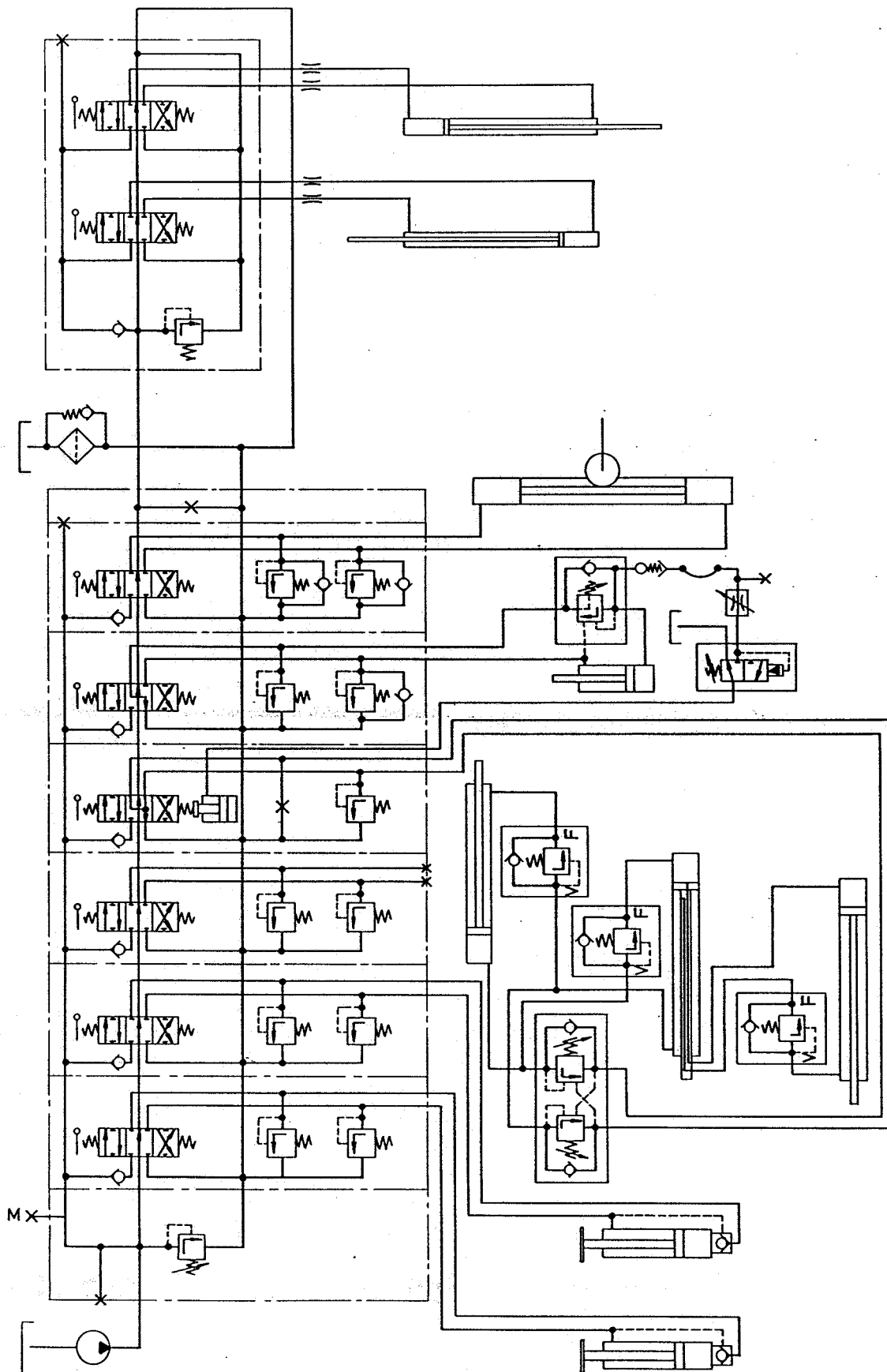
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Rev:



Hydraulisk Diagram, T3
Hydraulic Diagram, T3
Hydraulisches Diagramm, T3

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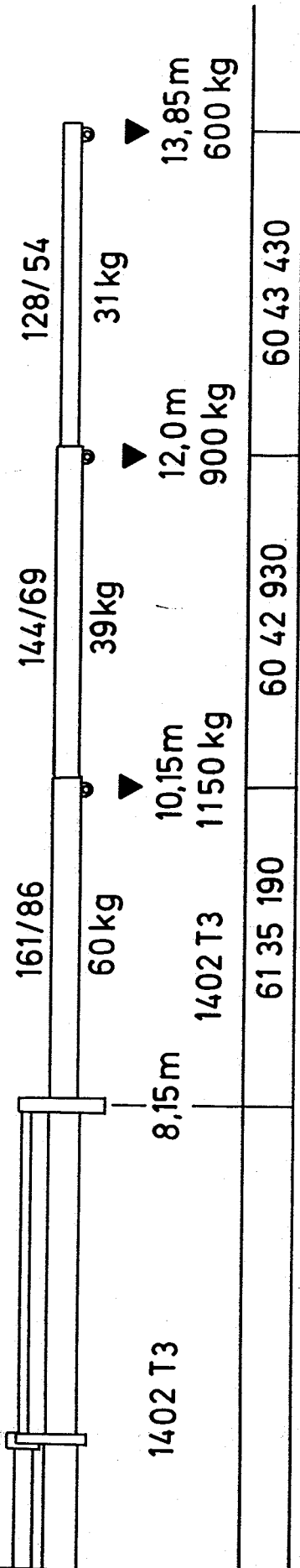




Forlængerarme
Jib Extensions
Verlängerungen

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DE ANGIIVNE BELASTNINGER MÅ IKKE OVERSKRIDES.
 THE STATED LOADS MUST NOT BE EXCEEDED.
 DIE ANGEGBENEN BELASTUNGEN MÜSSEN NICHT ÜBERSCHRITTEN WERDEN.



SETTING OF WORKING PRESSURE

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MAX. PUMP CAPACITY

Date: 06-01-92
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All setting of the working pressure must be done with a pressure gauge, and the values given in the diagram below must be complied with implicitly. For the preset port-relief valves, see service information 01 009.

Working pressure has to be controlled in connection with the yearly inspection and by all major repairs.

Control and setting of load-holding valves are described in service information 02 005.

We stress the fact that the guarantee and any responsibility on the part of HMF will be invalidated if the conditions in this information are not complied with.

WORKING PRESSURE ON PORT-RELIEF VALVES

FUNCTION	UNIT	1402-T
MAIN-RELIEF VALVE	MPa	24,0
STABILIZERS, UP-DOWN OUT-IN		12,5 7,0
SLEWING SYSTEM		15,0
TILTING RAM, UP DOWN		25,0 12,5
EXTENSION RAM, OUT IN		17,5 P

OPENING PRESSURE ON LOAD-HOLDING VALVES

FUNCTION	UNIT	1402-T
TILTING RAM	MPa	25,0
EXTENSION RAM, OUT IN		18,0 28,0

PRESSURE SETTING FOR LMB

LMB	MPa	24,0
MAX. PUMP CAPACITY	L/MIN.	1 X 45

1 MPa = 10 bar



Målskitse STS
Dimension Sketch STS
Massskizze STS

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