

KRUPP KMK-5110

LIFTING CAPACITIES FOR MAIN BOOM
ON RUBBER / OVER REAR ONLY
9,250 LB. COUNTERWEIGHT
LIFTING CAPACITIES IN 1,000 LBS.

LIFTING CAPACITIES IN 1,000 LBS.						
Radius in Feet	FREE-ON RUBBER / OVER REAR ONLY					Radius in Feet
	BOOM LENGTH (FEET)					
		42'		73'		
10		34.2				10
13		27.5				13
15		23.1		24.3		15
20		19.4		20.3		20
23		16.3		17.2		23
25		13.6		14.5		25
30		16.5		12.3		30
33		9.5		10.6		33
35				8.8		35
40				7.5		40
43				6.2		43
45				5.0		45
50				4.2		50
55				3.3		55
PRELIMINARY						
T1		0		0		T1
T2		0		100		T2
T3		0		0		T3



U.K. TRAINING CENTRE

KMK 5090

PROVISIONAL INFORMATION

TRAVELLING ON THE JOBSITE

- (A) With mainboom and 14.8t counterweight =
MAINBOOM TO THE REAR/BOOM ANGLE TO STEEP POSITION = 84^0
BOOM FULLY RETRACTED = 0 TELESCOPE
- (B) With mainboom and 14.8t counterweight =
MAINBOOM TO THE FRONT/BOOM ANGLE TO FLAT POSITION = $0 - 5^0$
BOOM TELESCOPED 8M WITH SECTION 1 = BOOM LENGTH OF 20.65M
- (C) With mainboom and 10.0t counterweight =
MAINBOOM TO THE REAR/BOOM ANGLE TO STEEP POSITION = 84^0
BOOM FULLY RETRACTED = 0 TELESCOPE
- (D) With mainboom and 10.0t counterweight =
MAINBOOM TO THE FRONT/BOOM ANGLE TO FLAT POSITION = $0 - 5^0$
BOOM TELESCOPED 4.725M WITH SECTION 1 = BOOM LENGTH OF 17.4M
- (A) TO (D) Is with 650KG Hook block reeved on the mainboom
- (E) With mainboom/14.8t counterweight and swing away jib mounted
in the working position = fixed on boom head =
MAINBOOM TO THE REAR/BOOM ANGLE TO STEEP POSITION = 84^0
BOOM FULLY RETRACTED = 0 TELESCOPE
- (F) With mainboom/14.8t counterweight and swing away jib mounted
in the working position = fixed on boom head =
MAINBOOM TO THE FRONT/BOOM ANGLE TO FLAT POSITION = $0 - 5^0$
BOOM TELESCOPED 4.725M WITH SECTION 1 = BOOM LENGTH OF 17.4M
PLUS 10/16M SWING AWAY JIB
- (G) With mainboom/10.0t counterweight and swing away jib mounted
in the working position = fixed on boom head =
MAINBOOM TO THE REAR/BOOM ANGLE TO STEEP POSITION = 84^0
BOOM FULLY RETRACTED = 0 TELESCOPE
- (H) With mainboom/10.0t counterweight and swing away jib mounted
in the working position = fixed on boom head =
MAINBOOM TO THE FRONT/BOOM ANGLE TO FLAT POSITION = $0 - 5^0$
BOOM TELESCOPED 2.5M WITH SECTION 1 = BOOM LENGTH OF 15.15M
PLUS 10/16M SWING AWAY JIB
- (E) TO (H) Is with 300KG Hook block reeved on 10/16M jib

(DANGER)

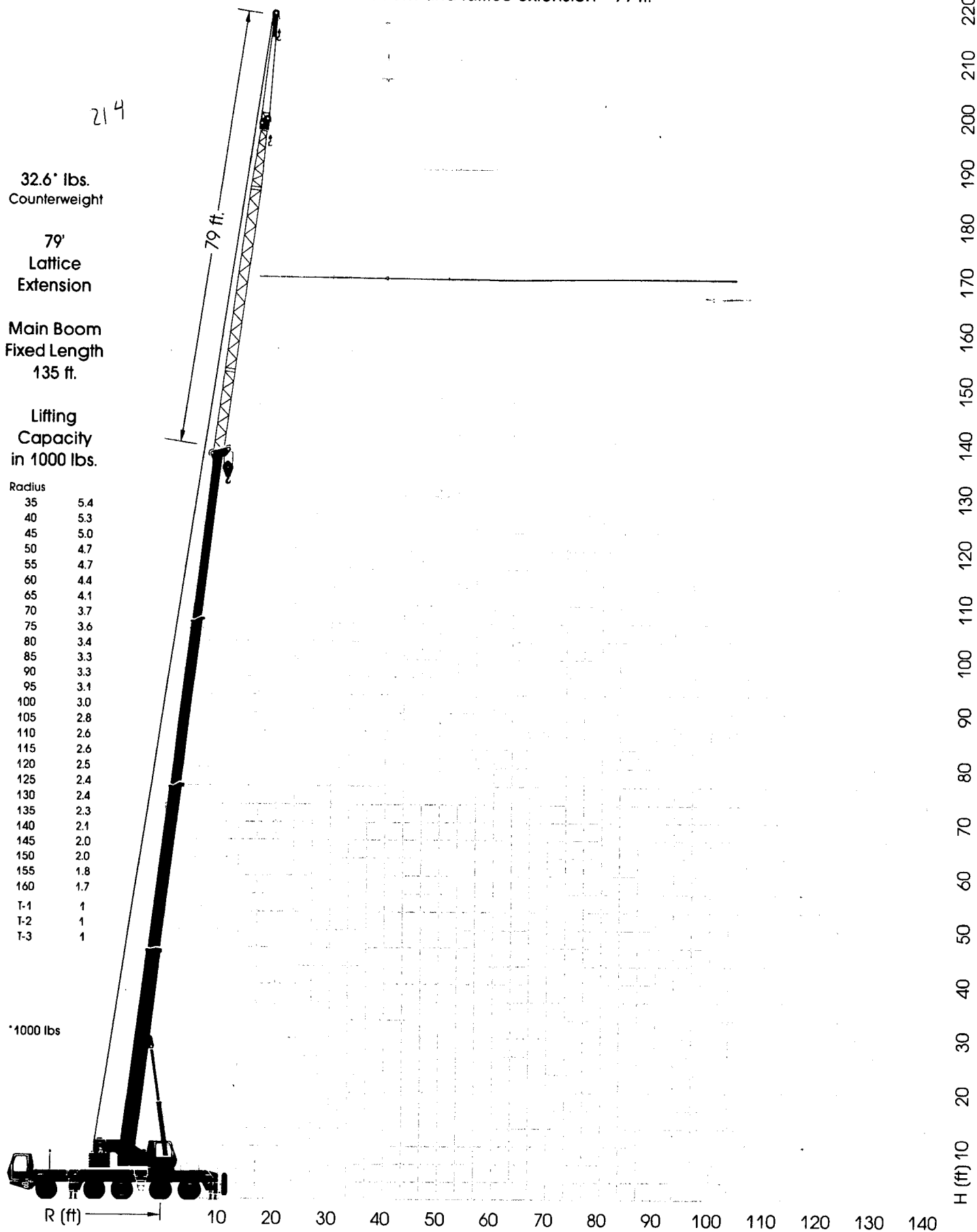
See operating instructions book - read and fully understand
all conditions BEFORE moving the truck crane when it is rigg-
ed.



KRUPP KMK 5110

Hook Elevation Diagram

Main boom and lattice extension - 79 ft.





KRUPP KMK 5110

Main Boom

Reduced Outrigger Base - 17'2" × 26'9"

Lifting capacities in 1000 lbs

42 - 135 ft										Counterweight 32.6* lbs	
Radius	42 ft	57 ft	73 ft	73 ft	73 ft	104 ft	104 ft	135 ft	Radius		
ft									ft		
10'									10'		
10	211.4	146.7							10		
15	160.7	146.7							15		
20	107.4	104.4	87.3	101.5	67.9	63.1	38.8		20		
25	70.9	68.4	70.2	66.9	66.9	59.5	38.8		25		
30	50.7	48.4	50.0	47.1	52.8	49.6	35.7	34.0	30		
35		36.5	37.9	35.3	40.5	37.5	31.2	33.2	35		
40		28.4	29.6	27.3	32.0	29.3	27.7	30.2	40		
45		22.7	23.8	21.6	25.9	23.5	25.2	26.2	45		
50			19.4	17.3	21.5	19.1	23.3	21.6	50		
55			16.0	13.9	18.0	15.6	20.5	18.1	55		
60			13.2	11.2	15.2	12.9	17.6	15.3	60		
65			10.9	9.0	12.8	10.6	15.3	13.0	65		
70						8.7	13.3	11.0	70		
75						7.1	11.6	9.3	75		
80						5.7	10.1	7.9	80		
85						4.5	8.9	6.7	85		
90						3.4	7.8	5.6	90		
95							6.8	4.6	95		
100								3.8	100		
105								3.0	105		
110								2.3	110		
115								1.7	115		
120									120		
T1 T2 T3										T1 T2 T3	
%										%	
T1										T1	
T2										T2	
T3										T3	

* over rear only

42 - 135 ft										Counterweight 22.0* lbs	
Radius	42 ft	57 ft	73 ft	73 ft	73 ft	104 ft	104 ft	135 ft	Radius		
ft									ft		
10	209.1	146.7							10		
15	153.2	146.7							15		
20	91.1	88.2	87.3	86.5	67.9	63.1	38.8		20		
25	59.5	57.0	58.8	55.6	62.0	58.5	38.8		25		
30	42.0	39.8	41.3	38.5	44.2	41.0	35.7	34.0	30		
35		29.6	30.9	28.5	33.5	30.6	31.2	33.2	35		
40		22.7	23.9	21.6	26.1	23.6	27.7	26.4	40		
45		17.8	18.9	16.8	21.1	18.6	23.8	21.3	45		
50			15.1	13.0	17.2	14.8	19.8	17.4	50		
55			12.2	10.1	14.1	11.8	16.7	14.3	55		
60			9.8	7.8	11.7	9.4	14.2	11.8	60		
65			7.8	5.8	9.7	7.5	12.1	9.8	65		
70						5.8	10.4	8.1	70		
75						4.4	8.9	6.7	75		
80						3.2	7.7	5.4	80		
85						2.2	6.6	4.4	85		
90							5.6	3.4	90		
95							4.8	2.6	95		
100									100		
105									105		
110									110		
115									115		
120									120		
T1 T2 T3										T1 T2 T3	
%										%	
T1										T1	
T2										T2	
T3										T3	

*1000 lbs



KRUPP KMK 5110 **Main Boom + Swing-Away Extension** **30° Offset** Lifting capacities in 1000 lbs



33 - 52 ft



360°

Counterweight

32.6*

lbs

Radius

Main boom fixed length in ft

Radius

Lattice extension length 33 ft

Lattice extension length 52 ft

ft

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150

155

160

119 ft

30°

135 ft

30°

119 ft

30°

135 ft

30°

ft

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150

155

160

T1

1

1

1

1

T1



T2

1

1

1

1

T2

T3

0.5

1

0.5

1

T3



33 - 52 ft



360°

Counterweight

22.0*

lbs

Radius

Main boom fixed length in ft

Radius

Lattice extension length 33 ft

Lattice extension length 52 ft

ft

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150

155

160

119 ft

30°

135 ft

30°

119 ft

30°

135 ft

30°

ft

30

35

40

45

50

55

60

65

70

75

80

85

90

95

100

105

110

115

120

125

130

135

140

145

150

155

160

T1

1

1

1

1

T1



T2

1

1

1

1

T2

T3

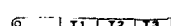
0.5

1

0.5

1

T3

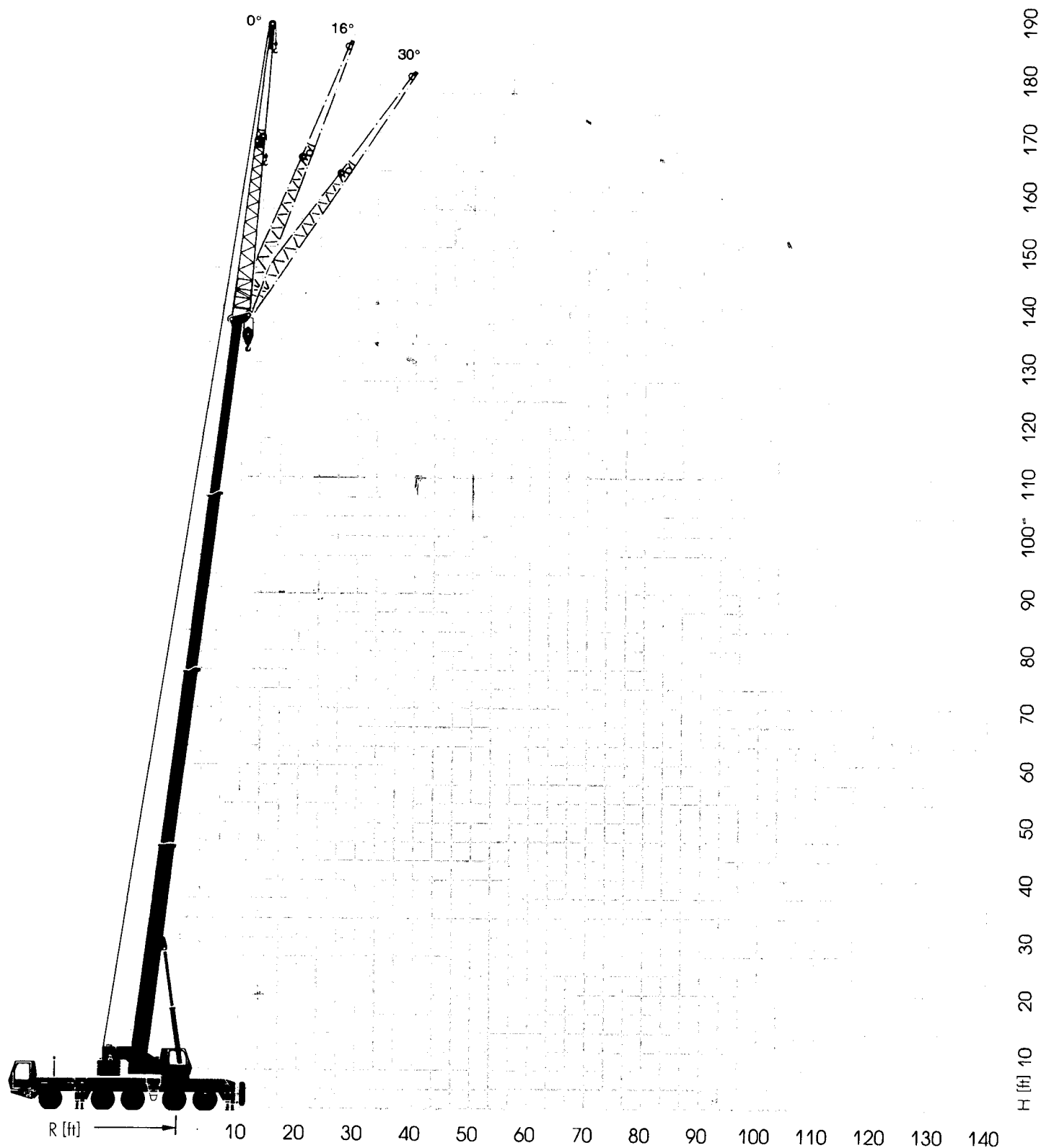




KRUPP KMK 5110

Hook Elevation Diagram

Main boom and lattice extension
0-16-30° Offsets





KMK 3045 - 4070 - 5090

INSTALLATION OF 30° OFFSET JIB

1. Install swing away on the head in the normal manner.
2. Support the weight of the jib by means of an auxiliary crane or by putting the tip of the jib on the ground or similar surface.
3. Remove pins #1, #2 - Fig. "A".
4. Boom up to 18° to 20° leaving the tip of the jib on the ground. Install side brackets left and right with pins #1 and #3 as shown in Fig. "B".
5. Boom up until the tip of the jib comes off the ground or auxiliary crane. Install pin #2 as shown in Fig. "C". From the ground the jib should look like Fig. "D".

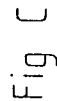
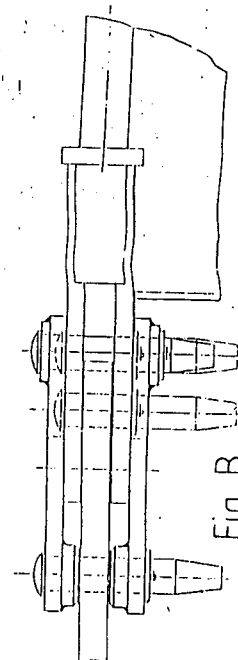
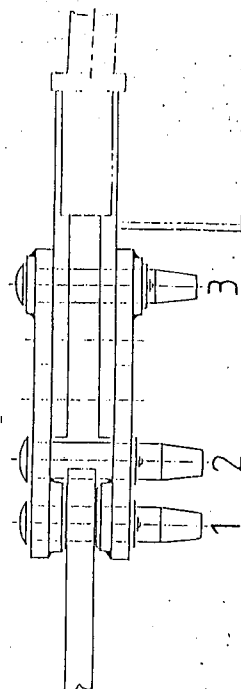
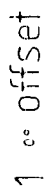
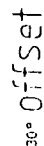
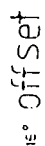
Note: Put information into S.L.I. for 30° offset operation.

If you wish to operate the jib at 16° after 30° operation it is not necessary to remove the links.

1. Boom down until the tip of the jib is just off the ground and remove pin #2.
2. Boom down until the jib is at 16°. Install pin #2 as in Fig. "B". Jib is now in 16° working position.

To return jib to 0° position.

1. Boom down until the tip of the jib is supported on the ground or with auxiliary crane.
2. Remove all 3 pins and side brackets (both sides of jib).
3. Boom down until jib is at 0° and install pins #1 and #2 as per Fig. "A".



KMK 5090-4070

	706313	S.	28	Arbou 30° om - 19-16 m 1922	706312	KPU.	5.
--	--------	----	----	-----------------------------------	--------	------	----