

IHI CCH1800

180ton standard spec. without mast

Boom length (m)	18		21		24		27		30		33		36		39		42	
Working radius (m)	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle
4.8	180.0	80.0																
5.0	180.0	79.5																
6.0	151.0	76.0	140.0	78.0														
7.0	126.5	73.0	126.2	75.5	125.0	77.0	124.6	78.5										
8.0	109.5	69.5	109.2	72.5	108.9	74.5	108.6	76.5	100.0	78.0	8.9m x95.0	79.0						
9.0	95.5	66.0	95.2	69.5	94.9	72.0	94.6	74.5	94.3	76.0	94.0	77.0	90.0	78.5	90.0	79.0		
10.0	84.0	62.5	83.7	66.5	83.4	69.5	83.1	72.0	82.9	74.0	82.6	75.5	82.3	76.5	82.0	77.5	11.0m x70.0	78.5
12.0	67.6	55.0	67.3	60.5	67.0	64.5	66.7	67.5	66.4	70.0	66.1	72.0	65.8	73.5	65.6	74.5	65.3	76.0
14.0	56.5	46.5	56.2	54.0	55.9	59.0	55.6	63.0	55.3	65.5	55.0	68.0	54.7	70.0	54.5	71.5	54.2	73.0
16.0	48.2	36.5	47.9	46.5	47.6	53.0	47.3	58.0	47.0	61.5	46.7	64.0	46.4	66.5	46.2	68.5	45.9	70.0
18.0	17.1m x44.5	29.0	41.2	38.5	40.9	47.0	40.6	52.5	40.3	57.0	40.0	60.5	39.7	63.0	39.5	65.0	39.2	67.0
20.0			19.7m x36.7	29.0	35.7	40.0	35.4	47.0	35.1	52.0	34.8	56.0	34.5	59.5	34.3	62.0	34.0	64.0
22.0					31.7	31.5	31.4	41.0	31.1	47.0	30.8	52.0	30.5	55.5	30.3	58.5	30.3	61.0
24.0					22.3m x31.2	29.0	28.2	33.5	27.9	41.5	27.6	47.0	27.3	51.5	27.1	55.0	26.9	58.0
26.0							24.9m x27.1	29.5	25.3	35.5	25.0	42.0	24.7	47.5	24.5	51.5	24.3	54.5
28.0									27.5m x23.1	29.5	22.5	36.5	22.2	43.0	22.0	47.5	21.8	51.0
30.0											20.4	30.5	20.1	38.0	19.9	43.0	19.7	47.5
32.0											30.1m x20.1	29.5	18.2	32.0	18.0	38.5	17.8	43.5
34.0													32.7m x17.7	29.5	16.6	33.5	16.4	39.5
36.0															35.3m x15.8	29.5	15.2	35.0
38.0																	37.9m x14.0	29.5
40.0																		

Boom length (m)	45		48		51		54		57		60		63		66	
Working radius (m)	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle	Load	Angle
4.8																
5.0																
6.0																
7.0																
8.0																
9.0																
10.0		79.5														
12.0	65.0	77.0	12.5m x60.0	77.5		78.5		79.0		79.5						
14.0	53.9	74.0	53.6	75.0	50.0	76.0	50.0	77.0	15.7m x45.0	77.5	45.0	78.0	45.0	78.5	42.0	79.5
16.0	45.6	71.5	45.3	72.5	45.0	73.5	44.7	74.5	44.0	75.5	42.0	76.0	41.5	77.0	38.2	77.5
18.0	38.9	68.5	38.6	70.0	38.3	71.5	38.0	72.5	37.7	73.5	36.2	74.0	35.6	75.0	34.9	75.5
20.0	33.7	66.0	33.4	67.5	33.1	69.0	32.8	70.0	32.5	71.5	32.2	72.0	32.0	73.0	31.2	74.0
22.0	30.0	63.0	29.7	65.0	29.4	66.5	29.1	68.0	28.8	69.0	28.5	70.0	28.2	71.0	28.2	72.0
24.0	26.6	60.0	26.3	62.5	26.0	64.0	25.7	65.5	25.4	67.0	25.1	68.0	25.0	69.0	24.9	70.0
26.0	24.1	57.0	23.8	59.5	23.5	61.5	23.2	63.0	22.9	64.5	22.6	66.0	22.4	67.5	22.4	68.5
28.0	21.6	54.5	21.4	56.5	21.1	59.0	20.8	61.0	20.5	62.5	20.3	64.0	20.2	65.5	20.2	66.5
30.0	19.5	51.0	19.3	54.0	19.0	56.0	18.7	58.5	18.5	60.0	18.4	62.0	18.3	63.5	18.3	64.5
32.0	17.6	47.5	17.4	50.5	17.2	53.5	17.0	56.0	16.9	58.5	16.8	59.5	16.7	61.0	16.7	62.5
34.0	16.2	44.0	16.1	47.5	15.9	50.5	15.7	53.0	15.5	55.5	15.4	57.5	15.3	59.5	15.3	60.5
36.0	15.0	40.0	14.8	44.0	14.6	47.5	14.4	50.5	14.2	53.0	14.1	55.0	14.1	57.0	14.0	58.5
38.0	13.8	36.0	13.6	40.5	13.4	44.5	13.2	47.5	13.1	50.5	13.1	52.5	13.0	54.5	12.9	56.5
40.0	12.6	31.0	12.5	36.0	12.3	41.0	12.2	44.5	12.1	47.5	12.1	50.0	12.0	52.5	12.0	54.5
42.0	40.5m x12.4	29.5	11.7	32.5	11.5	37.5	11.4	41.5	11.3	45.0	11.3	47.5	11.1	50.0	11.0	52.5
44.0			43.1m x11.2	29.5	10.7	33.5	10.6	38.0	10.5	42.0	10.5	45.0	10.3	47.5	10.2	50.0
46.0					45.7m x10.1	29.5	9.8	34.5	9.7	39.0	9.7	42.0	9.6	45.0	9.5	47.5
48.0							9.1	30.5	9.0	35.5	9.0	39.5	8.9	42.5	8.8	45.5
50.0							48.3m x9.0	29.5	8.5	31.5	8.4	36.0	8.3	39.5	8.2	43.0
52.0									50.9m x8.4	30.0	7.9	32.5	7.7	37.0	7.5	40.0
54.0											53.5m x7.6	30.0	7.1	33.5	7.0	37.5
56.0													6.6	30.0	6.5	34.5
58.0															6.1	31.0