



PV-E CRANE

MODEL:

EC300 / CC300

300 T



FULL ELECTRIC



CLEAN DIESEL ENGINE



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EC300 / CC300

Max.lift.cap		300
	Main,aux.hoisting rated force (t)	15t
Single line pull	Boom derricking max.force (t)	16x2 (double reducers)
	Luffing jib derricking max.force (t)	17
	Main,aux.hoisting rope diameter (mm)	28
	Boom derricking rope diameter (mm)	26
Speed	Luffing jib derricking rope diameter (mm)	22
	Main,aux.hoisting winch speed (m/min)	128
	Boom derricking winch speed (m/min)	31x2 (double reducers)
	Luffing jib derricking winch speed (m/min)	42
	Swing radius (r/min)	1,5
	Travel (km/h)	1,3
Electric engine	Max power	450KW
Diesel engine	Type	DANA TM4
	Type	Cummins X12
	Power	336KW
Main boom		CARB Tier 4(f), EU Stage V,
		US EPA Tier 4(f)
		2722.xx max. 92m
	Fixed jib	
Luffing jib	Max combi	76 (2722) + 36 (1210)
		2418.xx max. 72m
Transport	Max combi	59 (2722) + 72 (2418)
	Weight of machine with basic boom (t)	296
	Ground bearing pressure (kg/cm²)	1,5
	Track shoe width (mm)	1200
	Rear counterweight (t)	129
	Carbody counterweight (t)	40
	Transport weight of basic machine (t)	45
	Transport dimension LxWxH (mm)	13674x3000x3300

LIFT CHART FOR MAIN BOOM No. 2823.01

129 t counterweight and 40 t carbody counterweight

Capacity in metric ton

Radius (m)	Boom Length in (m)																												
	18	21	24	27	29,6	32,6	35,6	38,6	41,2	44,2	47,2	50,2	52,8	55,8	58,8	61,8	64,4	67,4	70,4	73,4	76	79	82	85	87,6	90,6			
5	300.0																												
5.5	285.0	264.0																											
6	265.5	258.5	252.0																										
7	229.5	225.1	223.3	221.5	217.0	213.6																							
8	196.3	196.1	194.6	192.3	189.7	185.0	180.8	176.7	173.8																				
9	167.0	1672	167.5	167.6	167.7	167.5	164.5	160.8	158.1	154.9	152.2	149.0																	
10	152.7	1512	149.7	148.2	146.7	145.2	143.7	142.2	140.7	139.2	136.6	133.7	132.0	129.3	116.6														
12	132.7	132.5	132.3	130.1	127.9	125.7	123.5	121.3	119.1	116.9	114.7	112.5	110.3	108.1	105.9	103.7	101.5	99.3	97.1	94.9									
14	109.9	110.1	110.2	110.2	109.1	108.0	106.9	105.8	104.7	103.6	102.5	101.4	100.3	98.1	96.2	93.9	90.7	88.4	86.1	83.8	83.0	80.7	75.9	71.6	67.9	64.3			
16	90.9	91.6	91.7	91.6	90.7	89.8	88.9	87.8	86.9	86.0	85.1	84.2	83.1	82.2	81.3	80.4	79.5	78.6	76.2	73.8	72.9	70.9	69.3	65.5	61.6	58.4			
18		78.1	78.2	78.1	78.3	78.1	77.9	77.7	77.7	77.5	77.4	77.1	77.1	76.8	76.7	76.4	76.2	76.1	75.8	73.2	71.2	66.3	62.5	59.0	55.4	52.3			
20		71.2	71.3	71.2	71.3	71.1	71.0	70.8	70.7	70.5	70.4	70.0	69.5	68.7	68.5	67.5	65.4	64.5	63.6	58.6	61.3	57.3	55.8	54.3	52.6	49.7			
22			59.8	59.7	59.8	59.6	59.5	59.2	59.2	59.0	58.8	58.5	58.2	58.1	57.7	57.5	57.4	57.1	56.8	56.6	55.0	51.7	48.5	45.5	42.9				
24				55.2	53.3	53.1	52.9	52.7	52.6	52.4	52.3	51.9	51.9	51.6	51.4	51.1	50.9	50.8	50.5	50.2	50.0	49.9	47.5	44.5	41.7	39.1			
26					47.9	47.7	47.5	47.2	47.2	47.0	46.8	46.5	46.4	46.1	46.0	45.6	45.4	45.3	45.0	44.7	44.5	44.4	43.8	41.0	38.3	35.9			
28						43.2	43.0	42.7	42.7	42.5	42.3	41.9	41.9	41.6	41.4	41.1	40.9	40.7	40.4	40.1	39.9	39.8	39.5	38.0	35.4	33.1			
30						39.3	39.1	38.9	38.8	38.6	38.4	38.1	38.0	37.7	37.5	37.2	37.0	36.8	36.5	36.2	36.0	35.9	35.6	35.2	32.9	30.6			
32							35.9	35.6	35.5	35.3	35.1	34.7	34.7	34.3	34.2	33.8	33.6	33.5	33.2	32.8	32.6	32.5	32.2	31.9	30.6	28.4			
34									32.7	32.6	32.4	32.2	31.8	31.8	31.4	31.3	30.9	30.7	30.6	30.3	29.9	29.7	29.6	29.3	28.9	28.6	26.5		
36										30.1	29.9	29.7	29.3	29.2	28.9	28.7	28.4	28.2	28.0	27.7	27.3	27.1	27.0	26.7	26.3	26.4	24.7		
38											27.6	27.4	27.0	27.0	26.6	26.5	26.1	25.9	25.7	25.4	25.1	24.8	24.7	24.4	24.0	24.0	23.1		
40												25.6	25.4	25.1	25.0	24.6	24.5	24.1	23.9	23.7	23.4	23.0	22.8	22.7	22.4	22.0	21.6		
42												23.6	23.2	23.2	22.8	22.6	22.3	22.1	21.9	21.6	21.2	21.0	20.8	20.5	20.2	20.2	19.8		
44													21.7	21.6	21.2	21.0	20.7	20.5	20.2	19.9	19.6	19.4	19.2	18.9	18.5	18.5	18.2		
46														20.1	19.7	19.5	19.2	19.0	18.7	18.4	18.1	17.9	17.7	17.4	17.0	17.0	16.7		
48															18.5	18.2	17.9	17.7	17.4	17.1	16.8	16.6	16.4	16.1	15.7	15.7	15.4		
50																17.2	17.0	16.6	16.4	16.2	15.9	15.5	15.3	15.1	14.8	14.4	14.1		
52																	15.9	15.5	15.3	15.1	14.7	14.4	14.2	14.0	13.7	13.3	12.9		
54																		14.5	14.3	14.0	13.7	13.4	13.1	12.9	12.6	12.3	11.9		
56																			13.3	13.1	12.8	12.4	12.2	12.0	11.7	11.3	11.3	10.9	
58																				12.2	11.9	11.5	11.3	11.1	10.8	10.4	10.0		
60																					11.4	11.1	10.7	10.5	10.2	9.9	9.6	9.2	
62																						10.3	9.9	9.7	9.5	9.2	8.8	8.8	8.4
64																							9.3	9.0	8.8	8.5	8.1	8.1	7.7
66																								8.3	8.1	7.8	7.4	7.0	
68																									7.4	7.4	7.2	6.8	