



PV-E CRANE

100 T

FULL ELECTRIC
or
CLEAN DIESEL ENGINE





		EC100 / CC100
Max.lift cap.		100
Single line pull	Main,aux.hoisting rated force(t)	10t
	Boom derricking max.force(t)	11,8
	Luffing jib derricking max.force (t)	12
	Main,aux.hoisting rope diameter (mm)	26
Speed	Boom derricking rope diameter (mm)	18
	Luffing jib derricking rope diameter (mm)	20
	Main,aux.hoisting winch speed (m/min)	122
	Boom derricking winch speed (m/min)	59
Electric Engine	Luffing jib derricking winch speed (m/min)	58
	Swing radius (r/min)	3,2
Diesel engine	Travel (km/h)	1,8
	max power	350KW
Main boom	Type	DANA TM4
	Type	Cummins L9
	Power	261KW
	Emission	CARB Tier 4(f), EU Stage V, JMLIT T4f, KMOE Tier 4, US EPA Tier 4(f)
Fixed jib		1515.xx max.61m
Luffing jib		0605.xx max.18m
Max.combi	Max combi	52(1515)+18(0605)
		1212.xx max.42m
		42.2(1515)+42(1212)
	Weight of machine with basic boom (t)	100
	Ground bearing pressure (kg/cm ²)	1,06
	Track shoe width (mm)	860
	Rear counterweight (t)	32,5
	Carbody counterweight (t)	15
Transport	Transport weight of basic machine (t)	30,8
	Transport demension L×W×H (mm)	11670×3321×3078

LIFT CHART FOR MAIN BOOM (No. 1616.01)

32.5 t counterweight and 15 t carbody counterweight

EC100



PV-E CRANE

Capacity in metric ton

Boom length(m)		13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58	61
Working radius(m)	3.5	100.0																
	4	95.0	84.8/4.4															
	4.5	84.6	84.3	76/4.9														
	5	76.1	75.8	75.6	71.2/5.4													
	5.5	71.7	71.3	71.0	70.6													
	6	65.8	65.6	65.0	64.5	58.3	52.6/6.5											
	7	52.5	52.5	52.5	52.4	52.4	52.4	49.6										
	8	43.2	43.2	43.1	43.1	43.1	43.0	43.0	42.3	42.2								
	9	36.7	36.6	36.6	36.6	36.5	36.5	36.4	36.3	36.3	34.5	31.3/9.1	31.2/9.8					
	10	31.7	31.7	31.6	31.6	31.4	31.4	31.3	31.3	31.2	31.2	31.1	31.1	24.3/10.1	24.2/10.7	23.1/11.2	20.5/11.7	
	12	24.9	24.8	24.8	24.8	24.7	24.6	24.6	24.5	24.3	24.3	24.2	24.2	24.1	23.9	22.9	20.3	15.8/12.2
	14	23.3/12.6	20.3	20.2	20.2	20.1	20.0	19.9	19.9	19.8	19.7	19.6	19.6	19.4	19.3	19.2	19.1	15.8
	16		18.3/15.2	17.1	17.0	16.9	16.8	16.7	16.6	16.5	16.5	16.3	16.3	16.2	16.1	15.9	15.8	15.7
	18			14.9/17.8	14.6	14.4	14.4	14.3	14.2	14.1	14.0	13.9	13.9	13.8	13.6	13.5	13.3	13.2
	20				12.7	12.6	12.5	12.4	12.3	12.2	12.0	12.0	12.0	11.9	11.7	11.6	11.4	11.3
	22				12.4/20.4	11.1	11.0	10.9	10.8	10.7	10.6	10.5	10.4	10.3	10.2	10.1	9.9	9.8
	24					10.4/23	9.8	9.7	9.6	9.5	9.4	9.2	9.2	9.1	8.9	8.8	8.7	8.5
	26						9/25.6	8.7	8.6	8.4	8.2	8.2	8.0	7.9	7.8	7.6	7.5	
	28							7.9	7.7	7.5	7.4	7.3	7.2	7.0	6.9	6.8	6.6	
	30							7.7/28.2	7.0	6.9	6.8	6.6	6.5	6.3	6.1	6.0	5.9	
	32								6/30.8	6.3	6.2	6.0	5.9	5.8	5.7	5.5	5.3	5.3
	34									6/33.4	5.6	5.5	5.4	5.3	5.1	5.0	4.8	4.7
	36										5.1	5.0	4.9	4.8	4.6	4.5	4.3	4.2
	38											4.5	4.5	4.3	4.2	4.0	3.9	3.7
	40												4.4/38.6	4.1	3.9	3.8	3.5	3.3
	42													3.8/41.2	3.6	3.4	3.3	3.0
	44														3.3/43.8	3.1	3.0	2.7
	46															2.9	2.7	2.4
	48															2.7/46.4	2.4	2.3
	50																2.2/49	2.1
	52																	1.9/51.6
	54																	1.4