

LS Unit Model	C456D-305-144	Y-series		
			ECB, lbs.	ECB, lbs.
Qty of Cwts	Cwt position * on crank arm	@144" stroke, at position	@123" stroke, at position	@102" stroke, at position
<b>Counterweight No.:</b>	<b>2 (3 bolts)</b>	<b>Weight/each:</b>	<b>4,211 lbs</b>	
cranks only		3,821	4,437	5,310
4	10	6,273	7,288	8,724
4	20	8,724	10,139	12,139
4	30	11,176	12,990	15,554
4	40	13,628	15,840	18,969
4	50	16,079	18,691	22,384
4	60	18,531	21,542	25,798
4	max 64.2	19,570	22,750	27,245
2	10	5,047	5,863	7,017
2	20	6,273	7,288	8,725
2	30	7,498	8,713	10,432
2	40	8,724	10,139	12,139
2	50	9,950	11,564	13,847
2	60	11,176	12,990	15,554
2	max 64.2	11,695	13,593	16,277
<b>Counterweight No.:</b>	<b>3 (3 bolts)</b>	<b>Weight/each:</b>	<b>3,582 lbs</b>	
cranks only		3,821	4,437	5,310
4	10	5,906	6,862	8,214
4	20	7,992	9,287	11,119
4	30	10,077	11,712	14,024
4	40	12,163	14,137	16,929
4	50	14,248	16,562	19,833
4	60	16,334	18,987	22,738
4	max 68	17,989	20,912	25,043
2	10	4,864	5,650	6,762
2	20	5,906	6,862	8,214
2	30	6,949	8,075	9,667
2	40	7,992	9,287	11,119
2	50	9,035	10,500	12,572
2	60	10,077	11,712	14,024
2	max 68	10,905	12,674	15,176
<b>Counterweight No.:</b>	<b>4 (3 bolts)</b>	<b>Weight/each:</b>	<b>3,247 lbs</b>	
cranks only		3,821	4,437	5,310
4	10	5,711	6,635	7,943
4	20	7,602	8,834	10,576
4	30	9,492	11,032	13,209
4	40	11,383	13,230	15,842
4	50	13,273	15,428	18,475
4	60	15,164	17,626	21,108
4	max 68	16,676	19,385	23,214
2	10	4,766	5,536	6,626
2	20	5,711	6,635	7,943
2	30	6,657	7,735	9,259
2	40	7,602	8,834	10,576
2	50	8,547	9,933	11,892
2	60	9,492	11,032	13,209
2	max 68	10,248	11,911	14,262
<b>Counterweight No.:</b>	<b>5 (2 bolts)</b>	<b>Weight/each:</b>	<b>2,755 lbs</b>	
cranks only		3,821	4,437	5,310
4	10	5,425	6,302	7,544
4	20	7,029	8,167	9,778
4	30	8,633	10,033	12,012
4	40	10,237	11,898	14,246
4	50	11,841	13,763	16,480
4	60	13,445	15,628	18,714
4	max 68	14,728	17,120	20,501
2	10	4,623	5,370	6,427
2	20	5,425	6,302	7,544
2	30	6,227	7,235	8,661
2	40	7,029	8,167	9,778
2	50	7,831	9,100	10,895
2	60	8,633	10,033	12,012
2	max 68	9,274	10,779	12,906
<b>Counterweight No.:</b>	<b>6 (2 bolts)</b>			
cranks only		3,821	4,437	5,310
4	10	5,102	5,927	7,094
4	20	6,383	7,416	8,878
4	30	7,663	8,905	10,662
4	40	8,944	10,395	12,446
4	50	10,225	11,884	14,230
4	60	11,506	13,374	16,014
4	max 70.1	12,803	14,882	17,820
2	10	6,202	5,182	6,202
2	20	7,094	5,927	7,094
2	30	7,986	6,671	7,986
2	40	8,878	7,416	8,868
2	50	9,770	8,161	9,720
2	60	10,662	8,905	10,662
2	max 70.1	11,565	9,659	11,565
<b>Counterweight No.:</b>	<b>7 (2 bolts)</b>			
cranks only		3,821	4,437	5,310
4	10	4,781	5,554	6,648
4	20	5,732	6,671	7,986
4	30	6,703	7,788	9,324
4	40	7,663	8,905	10,662
4	50	8,624	10,022	12,000
4	60	9,585	11,134	13,388
4	max 73	10,834	12,592	15,077
2	10	4,301	4,996	5,979
2	20	4,781	5,554	6,648
2	30	5,262	6,113	7,317
2	40	5,742	6,671	7,986
2	50	6,222	7,230	8,655
2	60	6,703	7,788	9,324
2	max 73	7,327	8,514	10,194
<b>Counterweight No.:</b>	<b>8 (2 bolts)</b>			
cranks only		3,821	4,437	5,510
4	10	4,461	5,182	6,202
4	20	5,102	5,927	7,094
4	30	5,742	6,671	7,986
4	40	6,383	7,416	8,878
4	50	7,023	8,161	9,770
4	60	7,663	8,905	10,662
4	70	8,304	9,650	11,554
4	max 76.5	8,720	10,134	12,134
2	10	4,141	4,810	5,756
2	20	4,461	5,182	6,202
2	30	4,781	5,554	6,648
2	40	5,102	5,927	7,094
2	50	5,422	6,299	7,540
2	60	5,742	6,671	7,986
2	70	6,062	7,044	8,432
2	max 76.5	6,271	7,286	8,722