

LS Unit Model	C640D-365-144	YB-series		
		ECB, lbs.	ECB, lbs.	ECB, lbs.
Qty of Cwts	Cwt position * on crank arm	@144" stroke, at position	@124" stroke, at position	@104" stroke, at position
Counterweight No.:	1 (3 bolts)			
cranks only		7,451	8,341	9,594
4	10.6	10,788	12,145	14,052
4	20	13,732	15,501	17,984
4	30	16,872	19,081	22,180
4	40	20,013	22,660	26,375
4	50	23,153	26,240	30,571
4	60	26,294	29,820	34,766
4	70	29,434	33,400	38,962
4	max 79.3	32,339	36,711	42,843
2	10.6	9,119	10,243	11,823
2	20	10,591	11,921	13,789
2	30	12,162	13,711	15,887
2	40	13,372	15,501	17,984
2	50	15,302	17,291	20,082
2	60	16,872	19,081	22,180
2	70	18,443	20,871	24,278
2	max 79.3	19,895	22,526	26,218
Counterweight No.:	2 (3 bolts)			
cranks only		7,451	8,341	9,594
4	10	9,955	11,196	12,940
4	20	12,460	14,051	16,286
4	30	14,965	16,906	19,632
4	40	17,470	19,761	22,978
4	50	19,974	22,616	26,324
4	60	22,479	25,471	29,670
4	70	24,984	28,326	33,016
4	max 80.5	27,614	31,242	36,529
2	10	8,703	9,769	11,267
2	20	9,955	11,196	12,940
2	30	11,208	12,624	14,613
2	40	12,460	14,051	16,286
2	50	13,713	15,479	17,959
2	60	14,965	16,906	19,632
2	70	16,217	18,334	21,305
2	max 80.5	17,532	19,833	23,061
Counterweight No.:	3 (3 bolts)			
cranks only		7,451	8,341	9,594
4	10	9,581	10,770	12,440
4	20	11,712	13,198	15,286
4	30	13,842	15,627	18,132
4	40	15,973	18,056	20,979
4	50	18,104	20,484	23,825
4	60	20,234	22,913	26,671
4	70	22,365	25,341	29,517
4	80	24,495	27,770	32,363
4	max 83.5	25,241	28,620	33,360
2	10	8,516	9,556	11,017
2	20	9,581	10,770	12,440
2	30	10,647	11,984	13,863
2	40	11,712	13,198	15,286
2	50	12,777	14,413	16,709
2	60	13,842	15,627	18,132
2	70	14,908	16,841	19,555
2	80	15,973	18,056	20,979
2	max 83.5	16,346	18,481	21,477
Counterweight No.:	4 (3 bolts)			
cranks only		7,451	8,341	9,594
4	10	9,382	10,543	12,174
4	20	11,313	12,744	14,754
4	30	13,245	14,946	17,334
4	40	15,176	17,147	19,914
4	50	17,107	19,349	22,494
4	60	19,039	21,550	25,074
4	70	20,970	23,751	27,654
4	80	22,901	25,953	30,234
4	max 83.5	23,577	26,723	31,137
2	10	8,416	9,442	10,884
2	20	9,382	10,543	12,174
2	30	10,348	11,644	13,464
2	40	11,313	12,744	14,754
2	50	12,279	13,845	16,044
2	60	13,245	14,946	17,334
2	70	14,210	16,046	18,624
2	80	15,176	17,147	19,914
2	max 83.5	15,514	17,532	20,365
Counterweight No.:	5 (2 bolts)			
cranks only		7,451	8,341	9,594
4	10	9,089	10,209	11,783
4	20	10,728	12,077	13,972
4	30	12,367	13,945	16,161
4	40	14,005	15,813	18,350
4	50	15,644	17,681	20,539
4	60	17,283	19,549	22,728
4	70	18,921	21,416	24,917
4	80	20,560	23,284	27,106
4	max 83.5	21,134	23,938	27,873
2	10	8,270	9,275	10,688
2	20	9,089	10,209	11,783
2	30	9,909	11,143	12,877
2	40	10,728	12,077	13,972
2	50	11,547	13,011	15,066
2	60	12,367	13,945	16,161
2	70	13,186	14,879	17,255
2	80	14,005	15,813	18,350
2	max 83.5	14,292	16,140	18,733
Counterweight No.:	6 (2 bolts)			
cranks only		7,451	8,341	9,594
4	10	8,795	9,833	11,342
4	20	10,068	11,325	13,090
4	30	11,376	12,816	14,838
4	40	12,685	14,308	16,586
4	50	13,994	15,799	18,334
4	60	15,302	17,291	20,082
4	70	16,611	18,782	21,830
4	80	17,919	20,274	23,578
4	max 85.6	18,655	21,113	24,562
2	10	8,105	9,087	10,468
2	20	8,759	9,833	11,342
2	30	9,414	10,579	12,216
2	40	10,068	11,325	13,090
2	50	10,722	12,070	13,964
2	60	11,376	12,816	14,838
2	70	12,031	13,562	15,712
2	80	12,685	14,308	16,586
2	max 85.6	13,053	14,727	17,078
Counterweight No.:	7 (2 bolts)			
cranks only		7,451	8,341	9,594
4	10	8,432	9,460	10,905
4	20	9,414	10,579	12,216
4	30	10,395	11,697	13,527
4	40	11,376	12,816	14,838
4	50	12,358	13,935	16,149
4	60	13,339	15,053	17,460
4	70	14,321	16,172	18,771
4	80	15,302	17,291	20,082
4	max 88.5	16,136	18,242	21,197
2	10	7,942	8,901	10,249
2	20	8,432	9,460	10,905
2	30	8,923	10,019	11,560
2	40	9,414	10,579	12,216
2	50	9,904	11,138	12,871
2	60	10,395	11,697	13,527
2	70	10,886	12,257	14,182
2	80	11,376	12,816	14,838
2	max 88.5	11,794	13,292	15,395
Counterweight No.:	8 (2 bolts)			
cranks only		7,451	8,341	9,594
4	10	8,105	9,087	10,468
4	20	8,759	9,833	11,342
4	30	9,414	10,579	12,216
4	40	10,068	11,325	13,090
4	50	10,722	12,070	13,964
4	60	11,376	12,816	14,838
4	70	12,031	13,562	15,712
4	80	12,685	14,308	16,586
4	max 92	13,470	15,203	17,635
2	10	7,778	8,714	10,031
2	20	8,105	9,087	10,468
2	30	8,432	9,460	10,905
2	40	8,759	9,833	11,342
2	50	9,086	10,206	11,779
2	60	9,414	10,579	12,216
2	70	9,741	10,952	12,653
2	80	10,068	11,325	13,090
2	max 92	10,460	11,772	13,614