

LS Unit Model	C640D-305-168	Y-series		
		ECB, lbs. @168" stroke, at position	ECB, lbs. @144" stroke, at position	ECB, lbs. @121" stroke, at position
Qty of Cwts	Cwt position * on crank arm			
Counterweight No.:	2 (3 bolts)			
cranks only		5,788	6,551	7,623
4	10	7,933	8,996	10,488
4	20	10,078	11,440	13,354
4	30	12,223	13,885	16,219
4	40	14,368	16,330	19,085
4	50	16,512	18,775	21,950
4	60	18,657	21,220	24,815
4	70	20,802	23,665	27,681
4	max 80.5	23,054	26,232	30,689
2	10	6,860	7,773	9,056
2	20	7,933	8,996	10,488
2	30	9,005	10,218	11,921
2	40	10,078	11,440	13,354
2	50	11,150	12,663	14,786
2	60	12,223	13,885	16,219
2	70	13,295	15,108	17,652
2	max 80.5	14,421	16,391	19,156
Counterweight No.:	3 (3 bolts)			
cranks only		5,788	6,551	7,623
4	10	7,612	8,630	10,060
4	20	9,437	10,710	12,498
4	30	11,261	12,790	14,935
4	40	13,086	14,870	17,373
4	50	14,910	16,949	19,810
4	60	16,735	19,029	22,247
4	70	18,559	21,109	24,685
4	80	20,384	23,188	27,122
4	max 83.5	21,023	23,916	27,975
2	10	5,788	7,591	8,842
2	20	6,700	8,630	10,060
2	30	7,612	9,670	11,279
2	40	8,525	10,710	12,498
2	50	9,437	11,750	13,716
2	60	10,349	12,790	14,935
2	70	11,261	13,830	16,154
2	80	12,174	14,870	17,373
2	max 83.5	13,405	15,233	17,799
Counterweight No.:	4 (3 bolts)			
cranks only		5,788	6,551	7,623
4	10	7,442	8,436	9,832
4	20	9,096	10,321	12,042
4	30	10,750	12,206	14,251
4	40	12,403	14,092	16,461
4	50	14,057	15,977	18,670
4	60	15,711	17,862	20,880
4	70	17,365	19,747	23,089
4	80	19,019	21,632	25,298
4	max 83.5	19,598	22,292	26,072
2	10	6,615	7,493	8,728
2	20	7,442	8,436	9,832
2	30	8,269	9,378	10,937
2	40	9,096	10,321	12,042
2	50	9,923	11,264	13,147
2	60	10,750	12,206	14,251
2	70	11,577	13,149	15,356
2	80	12,403	14,092	16,461
2	max 83.5	12,693	14,421	16,847
Counterweight No.:	5 (2 bolts)			
cranks only		5,788	6,551	7,623
4	10	7,197	8,150	9,498
4	20	8,594	9,750	11,372
4	30	9,998	11,349	13,247
4	40	11,401	12,949	15,122
4	50	12,804	14,548	16,996
4	60	15,208	16,148	18,871
4	70	15,611	17,748	20,746
4	80	17,014	19,347	22,620
4	max 83.5	17,505	19,907	23,276
2	10	6,490	7,350	8,560
2	20	7,191	8,150	9,498
2	30	7,893	8,950	10,435
2	40	8,594	9,750	11,372
2	50	9,296	10,550	12,310
2	60	9,998	11,349	13,247
2	70	10,699	12,149	14,184
2	80	11,401	12,949	15,122
2	max 83.5	11,647	13,229	15,450
Counterweight No.:	6 (2 bolts)			
cranks only		5,788	6,551	7,623
4	10	6,909	7,828	9,120
4	20	8,029	9,105	10,617
4	30	9,150	10,383	12,114
4	40	10,270	11,660	13,611
4	50	11,391	12,937	15,108
4	60	12,511	14,215	16,605
4	70	13,632	15,492	18,102
4	80	14,753	16,769	19,599
4	max 85.6	15,383	17,488	20,441
2	10	6,348	7,189	8,371
2	20	6,909	7,828	9,120
2	30	7,469	8,467	9,868
2	40	8,029	9,105	10,617
2	50	8,589	9,744	11,365
2	60	9,150	10,383	12,114
2	70	9,710	11,021	12,862
2	80	10,270	11,660	13,611
2	max 85.6	10,585	12,019	14,032
Counterweight No.:	7 (2 bolts)			
cranks only		5,788	6,551	7,623
4	10	6,628	7,509	8,746
4	20	7,469	8,467	9,868
4	30	8,309	9,425	10,991
4	40	9,150	10,383	12,114
4	50	9,990	11,341	13,237
4	60	10,831	12,299	14,359
4	70	11,671	13,257	15,482
4	80	12,511	14,215	16,605
4	max 88.5	13,226	15,029	17,559
2	10	6,208	7,030	8,184
2	20	6,628	7,509	8,746
2	30	7,049	7,988	9,307
2	40	7,469	8,467	9,868
2	50	7,889	8,946	10,430
2	60	8,309	9,425	10,991
2	70	8,729	9,904	11,553
2	80	9,150	10,383	12,114
2	max 88.5	9,507	10,790	12,591
Counterweight No.:	8 (2 bolts)			
cranks only		5,788	6,551	7,623
4	10	6,348	7,189	8,371
4	20	6,909	7,828	9,120
4	30	7,469	8,467	9,868
4	40	8,029	9,105	10,617
4	50	8,589	9,744	11,365
4	60	9,150	10,383	12,114
4	70	9,710	11,021	12,862
4	80	10,270	11,660	13,611
4	max 92	10,943	12,426	14,509
2	10	6,068	6,870	7,997
2	20	6,348	7,189	8,371
2	30	6,628	7,509	8,746
2	40	6,909	7,828	9,120
2	50	7,189	8,147	9,494
2	60	7,469	8,467	9,868
2	70	7,749	8,786	10,243
2	80	8,029	9,105	10,617
2	max 92	8,365	9,489	11,066