

LS Unit Model	1280-305-168	YC-series	SU = -320	
		ECB, lbs.	ECB, lbs.	ECB, lbs.
Qty of Cwts	Cwt position * on crank arm	@168" stroke, at position	@144" stroke, at position	@121" stroke, at position
Counterweight No.:	1 (3 bolts)			
cranks only		5,577	6,348	7,421
4	10.7	8,452	9,631	11,269
4	20	10,952	12,485	14,613
4	30	13,640	15,553	18,209
4	40	16,327	18,621	21,804
4	50	19,015	21,690	25,400
4	60	21,703	24,758	28,996
4	70	24,390	27,826	32,592
4	max 79.3	26,876	30,664	35,918
2	10.7	7,014	7,990	9,345
2	20	8,264	9,417	11,017
2	30	9,608	10,951	12,815
2	40	10,952	12,485	14,613
2	50	12,296	14,019	16,411
2	60	13,640	15,553	18,209
2	70	14,983	17,087	20,006
2	max 79.3	16,226	18,506	21,669
Counterweight No.:	2 (3 bolts)			
cranks only		5,577	6,348	7,421
4	10	7,720	8,795	10,289
4	20	9,864	11,242	13,157
4	30	12,007	13,689	16,024
4	40	14,151	16,137	18,892
4	50	16,294	18,584	21,760
4	60	18,438	21,031	24,638
4	70	20,581	23,478	27,496
4	max 80.5	22,832	26,047	30,507
2	10	6,648	7,572	8,855
2	20	7,720	8,795	10,289
2	30	8,792	10,019	11,723
2	40	9,864	11,242	13,157
2	50	10,935	12,466	14,591
2	60	12,007	13,689	16,024
2	70	13,079	14,913	17,458
2	max 80.5	14,204	16,198	18,964
Counterweight No.:	3 (3 bolts)			
cranks only		5,577	6,348	7,421
4	10	7,400	8,430	9,861
4	20	9,223	10,511	12,300
4	30	11,047	12,593	14,739
4	40	12,870	14,674	17,179
4	50	14,693	16,756	19,618
4	60	16,517	18,838	22,058
4	70	18,340	20,919	24,497
4	80	20,163	23,001	26,937
4	max 83.5	20,801	23,729	27,790
2	10	6,488	7,389	8,641
2	20	7,400	8,430	9,861
2	30	8,312	9,471	11,080
2	40	9,223	10,511	12,300
2	50	10,135	11,552	13,520
2	60	11,047	12,593	14,739
2	70	11,958	13,634	15,959
2	80	12,870	14,674	17,179
2	max 83.5	13,189	15,039	17,606
Counterweight No.:	4 (3 bolts)			
cranks only		5,577	6,348	7,421
4	10	7,229	8,235	9,632
4	20	8,882	10,122	11,844
4	30	10,535	12,009	14,055
4	40	12,188	13,896	16,266
4	50	13,841	15,783	18,478
4	60	15,493	17,670	20,689
4	70	17,146	19,556	22,900
4	80	18,799	21,443	25,111
4	max 83.5	19,378	22,104	25,885
2	10	6,403	7,292	8,527
2	20	7,229	8,235	9,632
2	30	8,056	9,179	10,738
2	40	8,882	10,122	11,844
2	50	9,709	11,065	12,949
2	60	10,535	12,009	14,055
2	70	11,361	12,952	15,161
2	80	12,188	13,896	16,266
2	max 83.5	12,477	14,226	16,653
Counterweight No.:	5 (2 bolts)			
cranks only		5,577	6,348	7,421
4	10	6,979	7,949	9,297
4	20	8,381	9,550	11,174
4	30	9,784	11,151	13,050
4	40	11,186	12,752	14,926
4	50	12,588	14,353	16,802
4	60	13,991	15,954	18,678
4	70	15,393	17,555	20,555
4	80	16,796	19,156	22,431
4	max 83.5	17,286	19,716	23,088
2	10	6,278	7,149	8,359
2	20	6,979	7,949	9,297
2	30	7,680	8,750	10,235
2	40	8,381	9,550	11,174
2	50	9,082	10,351	12,112
2	60	9,784	11,151	13,050
2	70	10,485	11,952	13,988
2	80	11,186	12,752	14,926
2	max 83.5	11,431	13,032	15,254
Counterweight No.:	6 (2 bolts)			
cranks only		5,577	6,348	7,421
4	10	6,696	7,627	8,919
4	20	7,816	8,905	10,418
4	30	8,936	10,184	11,916
4	40	10,056	11,462	13,414
4	50	11,176	12,741	14,912
4	60	12,296	14,019	16,411
4	70	13,416	15,297	17,909
4	80	14,535	16,576	19,407
4	max 85.6	15,165	17,295	20,250
2	10	6,136	6,987	8,170
2	20	6,696	7,627	8,919
2	30	7,256	8,266	9,668
2	40	7,816	8,905	10,418
2	50	8,376	9,544	11,167
2	60	8,936	10,184	11,916
2	70	9,496	10,823	12,665
2	80	10,056	11,462	13,414
2	max 85.6	10,371	11,822	13,835
Counterweight No.:	7 (2 bolts)			
cranks only		5,577	6,348	7,421
4	10	6,416	7,307	8,545
4	20	7,256	8,266	9,668
4	30	8,096	9,225	10,792
4	40	8,936	10,184	11,916
4	50	9,776	11,142	13,040
4	60	10,616	12,101	14,163
4	70	11,456	13,060	15,287
4	80	12,296	14,019	16,411
4	max 88.5	13,010	14,834	17,366
2	10	5,996	6,828	7,983
2	20	6,416	7,307	8,545
2	30	6,836	7,786	9,107
2	40	7,256	8,266	9,668
2	50	7,676	8,745	10,230
2	60	8,096	9,225	10,792
2	70	8,516	9,704	11,354
2	80	8,936	10,184	11,916
2	max 88.5	9,293	10,591	12,393
Counterweight No.:	8 (2 bolts)			
cranks only		5,577	6,348	7,421
4	10	6,136	6,987	8,170
4	20	6,696	7,627	8,919
4	30	7,256	8,266	9,668
4	40	7,816	8,905	10,418
4	50	8,376	9,544	11,167
4	60	8,936	10,184	11,916
4	70	9,496	10,823	12,665
4	80	10,056	11,462	13,414
4	max 92	10,728	12,229	14,313
2	10	5,856	6,668	7,796
2	20	6,136	6,987	8,170
2	30	6,416	7,307	8,545
2	40	6,696	7,627	8,919
2	50	6,976	7,946	9,294
2	60	7,245	8,266	9,668
2	70	7,536	8,586	10,043
2	80	7,816	8,905	10,418
2	max92	8,152	9,289	10,867