

Lone Star		C320D-119-144		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @144" stroke at position	ECB, lbs. @122" stroke at position	ECB, lbs. @101" stroke, at position
Counterweight No.: 4 (3 bolts)				
cranks only		3,223	3,836	4,704
4	10	5,106	6,026	7,327
4	20	6,990	8,215	9,949
4	30	8,873	10,405	12,572
4	40	10,757	12,595	15,194
4	50	12,640	14,785	17,817
4	60	14,524	16,974	20,439
4	max 68	16,030	18,726	22,537
2	10	4,164	4,931	6,016
2	20	5,106	6,026	7,327
2	30	6,048	7,121	8,638
2	40	6,990	8,125	9,949
2	50	7,931	9,310	11,261
2	60	8,873	10,405	12,572
2	max 68	9,627	11,281	13,621
Counterweight No.: 5 (2 bolts)				
cranks only		3,223	3,836	4,704
4	10	4,821	5,694	6,929
4	20	6,419	7,552	9,155
4	30	8,017	9,410	11,380
4	40	9,615	11,268	13,605
4	50	11,213	13,126	15,830
4	60	12,811	14,984	18,055
4	max 68	14,090	16,470	19,835
2	10	4,022	4,765	5,817
2	20	4,821	5,694	6,929
2	30	5,620	6,623	8,042
2	40	6,419	7,552	9,155
2	50	7,218	8,481	10,267
2	60	8,017	9,410	11,380
2	max 68	8,656	10,153	12,270
Counterweight No.: 6 (2 bolts)				
cranks only		3,223	5,836	4,704
4	10	4,499	5,320	6,481
4	20	5,775	6,803	8,258
4	30	7,051	8,287	10,035
4	40	8,327	9,771	11,812
4	50	9,603	11,254	13,589
4	60	10,880	12,738	15,366
4	max 70.1	12,172	14,240	17,165

2	10	3,861	4,578	5,593
2	20	4,499	5,320	6,481
2	30	5,137	6,061	7,370
2	40	5,775	6,803	8,258
2	50	6,413	7,545	9,147
2	60	7,051	8,287	10,035
2	max 70.1	7,697	9,038	10,934

Counterweight No.: 7 (2 bolts)

cranks only		3,223	3,836	4,707
4	10	4,180	4,949	6,037
4	20	5,137	6,061	7,370
4	30	6,094	7,174	8,702
4	40	7,051	8,287	10,035
4	50	8,008	9,400	11,368
4	60	8,965	10,512	12,700
4	max 73	10,210	11,959	14,433
2	10	3,701	4,392	5,371
2	20	4,180	4,949	6,037
2	30	4,658	5,505	6,703
2	40	5,137	6,061	7,370
2	50	5,615	6,618	8,036
2	60	6,094	7,174	8,702
2	max 73	6,716	7,898	9,569

Counterweight No.: 8 (2 bolts)

cranks only		3,223	3,836	4,704
4	10	3,861	4,578	5,593
4	20	4,499	5,320	6,481
4	30	5,137	6,061	7,370
4	40	5,775	6,803	8,258
4	50	6,413	7,545	9,147
4	60	7,051	8,287	10,035
4	70	7,689	9,029	10,923
4	max 76.5	8,104	9,511	11,501
2	10	3,542	4,207	5,149
2	20	3,861	4,578	5,593
2	30	4,180	4,949	6,037
2	40	4,499	5,320	6,481
2	50	4,818	5,691	6,925
2	60	5,137	6,061	7,370
2	70	5,456	6,432	7,814
2	max 76.5	5,663	6,673	8,103