

Lone Star		C320D-256-100		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @100" stroke, at position	ECB, lbs. @85" stroke, at position	ECB, lbs. @70" stroke, at position
Counterweight No.: 4 (3 bolts)				
cranks only		6,956	7,841	9,094
4	10	9,670	10,997	12,874
4	20	12,384	14,153	16,654
4	30	15,098	17,308	20,434
4	40	17,812	20,464	24,214
4	50	20,526	23,620	27,994
4	60	23,240	26,776	31,774
4	max 68	25,412	29,300	34,798
2	10	8,313	9,419	10,984
2	20	9,670	10,997	12,874
2	30	11,027	12,575	14,764
2	40	12,384	14,153	16,654
2	50	13,741	15,730	18,544
2	60	15,098	17,308	20,434
2	max 68	16,184	18,571	21,946
Counterweight No.: 5 (2 bolts)				
cranks only		6,956	7,841	9,094
4	10	9,259	10,519	12,301
4	20	11,562	13,196	15,508
4	30	13,865	15,874	18,716
4	40	16,167	18,551	21,923
4	50	18,470	21,229	25,130
4	60	20,773	23,907	28,337
4	max 68	22,615	26,049	30,903
2	10	8,108	9,180	10,697
2	20	9,259	10,519	12,301
2	30	10,410	11,857	13,905
2	40	11,562	13,196	15,508
2	50	12,713	14,535	17,112
2	60	13,865	15,874	18,716
2	max 68	14,786	16,945	19,998
Counterweight No.: 6 (2 bolts)				
cranks only		6,956	7,841	9,094
4	10	8,795	9,979	11,665
4	20	10,634	12,117	14,216
4	30	12,473	14,256	16,777
4	40	14,312	16,394	19,338
4	50	16,151	18,532	21,900
4	60	17,989	20,670	24,461
4	max 70.1	19,851	22,835	27,054

2	10	7,876	8,910	10,374
2	20	8,795	9,979	11,655
2	30	9,714	11,048	12,935
2	40	10,634	12,117	14,216
2	50	11,553	13,187	15,497
2	60	12,473	14,256	16,777
2	max 70.1	13,404	15,338	18,074

Counterweight No.: 7 (2 bolts)

cranks only		6,956	7,841	9,094
4	10	8,335	9,445	11,015
4	20	9,714	11,048	12,935
4	30	11,094	12,652	14,856
4	40	12,473	14,256	16,777
4	50	13,852	15,859	18,698
4	60	15,231	17,463	20,619
4	max 73	17,024	19,548	23,116
2	10	7,646	8,643	10,054
2	20	8,335	9,445	11,015
2	30	9,025	10,246	11,975
2	40	9,714	11,048	12,935
2	50	10,404	11,850	13,896
2	60	11,094	12,652	14,856
2	max 73	11,990	13,694	16,015

Counterweight No.: 8 (2 bolts)

cranks only		6,956	7,841	9,094
4	10	7,876	8,910	10,374
4	20	8,795	9,979	11,685
4	30	9,714	11,048	12,935
4	40	10,634	12,117	14,216
4	50	11,553	13,187	15,497
4	60	12,473	14,256	16,777
4	70	13,392	15,325	18,058
4	max 76.5	13,900	16,020	18,890
2	10	7,416	8,376	9,734
2	20	7,876	8,910	10,374
2	30	8,335	9,445	11,015
2	40	8,795	9,979	11,655
2	50	9,255	10,514	12,295
2	60	9,714	11,048	12,935
2	70	10,174	11,583	13,576
2	max 76.5	10,473	11,930	13,992