

Lone Star		RM320D-256-144		straight crank arm	COA= -12	85
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @144" stroke, at position	ECB, lbs. @119" stroke, at position	ECB, lbs. @95" stroke, at position		
Counterweight No.: 4 (3 bolts)						
cranks only		7,151	8,403	10,234		
4	10	9,077	10,697	13,066		
4	20	11,003	12,991	15,898		
4	30	12,928	15,285	18,730		
4	40	14,854	17,579	21,563		
4	50	16,780	19,873	24,395		
4	60	18,706	22,167	27,227		
4	max 66.6	19,977	23,681	29,096		
2	10	8,114	9,550	11,650		
2	20	9,077	10,697	13,066		
2	30	10,040	11,844	14,482		
2	40	11,003	12,991	15,898		
2	50	11,966	14,138	17,314		
2	60	12,928	15,285	18,730		
2	max 66.6	13,564	16,042	19,665		
Counterweight No.: 5 (2 bolts)						
cranks only		7,151	8,403	10,234		
4	10	8,785	10,350	12,637		
4	20	10,419	12,296	15,040		
4	30	12,053	14,242	17,443		
4	40	13,687	16,189	19,846		
4	50	15,321	18,135	22,249		
4	60	16,955	20,081	24,652		
4	max 66.3	17,985	21,307	26,166		
2	10	7,968	9,376	11,436		
2	20	8,785	10,350	12,637		
2	30	9,602	11,323	13,839		
2	40	10,419	12,296	15,040		
2	50	11,236	13,269	16,242		
2	60	12,053	14,242	17,443		
2	max 66.3	12,568	14,855	18,200		
Counterweight No.: 6 (2 bolts)						
cranks only		7,151	8,403	10,234		
4	10	8,459	9,961	12,157		
4	20	9,767	11,519	14,081		
4	30	11,074	13,077	16,004		
4	40	12,382	14,634	17,927		
4	50	13,690	16,192	19,850		
4	60	14,998	17,750	21,774		

4	70	16,306	19,308	23,697
4	80	17,614	20,865	25,620
4	max 85.6	18,346	21,738	26,697
2	10	7,805	9,182	11,196
2	20	8,459	9,961	12,157
2	30	9,113	10,740	13,119
2	40	9,767	11,519	14,081
2	50	10,420	12,298	15,042
2	60	11,074	13,077	16,004
2	70	11,728	13,855	16,965
2	80	12,382	14,634	17,927
2	max 85.6	12,748	15,070	18,466
Counterweight No.: 7 (2 bolts)				
cranks only		7,151	8,403	10,234
4	10	8,131	9,571	11,676
4	20	9,112	10,739	13,118
4	30	10,092	11,907	14,559
4	40	11,073	13,074	16,001
4	50	12,053	14,242	17,443
4	60	13,033	15,410	18,885
4	70	14,014	16,578	20,327
4	80	14,994	17,746	21,768
4	max 88.5	15,828	18,738	22,994
2	10	7,641	8,987	10,955
2	20	8,131	9,571	11,676
2	30	8,622	10,155	12,397
2	40	9,112	10,739	13,118
2	50	9,602	11,323	13,839
2	60	10,092	11,907	14,559
2	70	10,582	12,491	15,280
2	80	11,073	13,074	16,001
2	max 88.5	11,489	13,571	16,614
Counterweight No.: 8 (2 bolts)				
cranks only		7,151	8,403	10,234
4	10	7,870	9,260	11,291
4	20	8,589	10,116	12,348
4	30	9,307	10,972	13,406
4	40	10,026	11,828	14,463
4	50	10,745	12,684	15,520
4	60	11,464	13,541	16,577
4	70	12,183	14,397	17,634
4	80	12,902	15,253	18,691
4	max 92	13,764	16,281	19,960
2	10	7,510	8,831	10,763

2	20	7,870	9,260	11,291
2	30	8,229	9,688	11,820
2	40	8,589	10,116	12,348
2	50	8,948	10,544	12,877
2	60	9,307	10,972	13,406
2	70	9,667	11,400	13,934
2	80	10,026	11,828	14,463
2	max92	10,458	12,342	15,097