

Lone Star		114-143-86		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @ 86" stroke at position	ECB, lbs. @ 74" stroke at position	ECB, lbs. @ 62" stroke at position
Counterweight No.: 5 (2 bolts)				
cranks only		3,166	3,501	3,952
4	10	5,847	6,591	7,594
4	20	8,528	982	11,236
4	30	11,209	12,772	14,878
4	max 40.4	13,998	15,986	18,665
2	10	4,507	5,046	5,773
2	20	5,847	6,591	7,594
2	30	7,188	8,136	9,415
2	max 40.4	8,582	9,743	11,309
Counterweight No.: 6 (2 bolts)				
cranks only		3,166	3,501	3,952
4	10	5,307	5,969	6,860
4	20	7,448	8,436	9,769
4	30	9,589	10,904	12,677
4	40	11,730	13,372	15,585
4	max 42.5	12,271	13,995	16,319
2	10	4,237	4,735	5,406
2	20	5,307	5,969	6,860
2	30	6,378	7,203	8,314
2	40	7,448	8,436	9,769
2	max 42.5	7,718	8,748	10,136
Counterweight No.: 7 (2 bolts)				
cranks only		3,166	3,501	3,952
4	10	4,772	5,352	6,133
4	20	6,378	7,203	8,314
4	30	7,983	9,053	10,496
4	40	9,589	10,904	12,677
4	max 45.4	10,456	11,904	13,854
2	10	3,969	4,426	5,043
2	20	4,772	5,352	6,133
2	30	5,575	6,277	7,224
2	40	6,378	7,203	8,314
2	max 45.4	6,811	7,702	8,903
Counterweight No.: 8 (2 bolts)				
cranks only		3,166	3,501	3,952
4	10	4,237	4,735	5,406
4	20	5,307	5,969	6,860
4	30	6,378	7,203	8,314
4	40	7,448	8,436	9,769
4	max 48.9	8,401	9,535	11,063

2	10	3,701	4,118	4,679
2	20	4,237	4,735	5,406
2	30	4,772	5,352	6,133
2	40	5,307	5,969	6,860
2	max 48.9	5,783	6,518	7,507