

AMERICAN *DIESELECTRIC* MODEL 825 DE
LOCOMOTIVE CRANE

GENERAL
SPECIFICATIONS

TRAVEL SPEED AND DRAW BAR PULL

STARTING 12,000 lb. Draw Bar Pull
2 M. P. H. 10,000 lb. Draw Bar Pull
6 M. P. H. 3,200 lb. Draw Bar Pull
10¾ M. P. H. Standard Travel Speed

SWING SPEED 2.5 R. P. M.

HOISTING 13,500 lb. Single Line Pull at 225 F. P. M.

CLUTCHES Outside band with American graduated air controls

BRAKES Outside Band — mechanically operated

LIFTING CAPACITIES
IN POUNDS

Boom Length in Feet	BOOM RADIUS IN FEET																						
	12	13	14	15	16	17	18	19	20	25	30	35	40	45	50	55	60	65	70	75	80	85	
50	50000	45700	41500	38000	35000	32500	30300	28500	26500	20000	15800	13200	11000	9500	8200								
55		45300	41100	37700	34800	32300	30100	28300	26300	19900	15400	13000	10800	9200	7900	6900							
60			40800	37500	34600	32100	29900	28100	26100	19600	15100	12800	10600	9200	7800	6800	5900						
65				37300	34400	31900	29700	27900	25900	19400	15200	12600	10500	8900	7700	6700	5800	5100					
70					34200	31700	29500	27700	25700	19200	15000	12400	10400	8900	7600	6600	5700	5000	4400				
75						34000	31500	29300	27500	24500	19000	14800	12300	10300	8700	7400	6400	5500	4800	4200	3600		
80							31300	29100	27300	25300	18800	14700	12200	10200	8600	7300	6300	5400	4700	4100	3500	3100	
85								28900	27100	25100	18700	14600	12100	10100	8500	7200	6100	5300	4500	3900	3400	2900	2500
WITHOUT OUTRIGGERS																							
50	50000	50000	49200	44500	41000	38500	35600	33400	31000	25400	18500	15500	12900	11100	9600								
55		50000	48700	44200	40700	38200	35400	33100	30800	25200	18200	15200	12600	10700	9200	8000							
60			48300	43900	40500	37600	35100	32900	30500	24900	18000	15000	12400	10600	9100	7900	6900						
65				43700	40300	37400	34900	32600	30200	22700	17800	14700	12300	10500	9000	7800	6800	5900					
70					40500	37100	34600	32400	30100	22500	17500	14500	12200	10400	8900	7700	6600	5800	5100				
75						39800	36800	34400	32200	24800	22200	17300	14400	12000	10200	8600	7500	6400	5600	4900	4200		
80							36600	34200	32000	29600	22000	17200	14300	11900	10000	8500	7300	6300	5500	4800	4100	3600	
85								33900	31700	29400	21900	17100	14100	11800	8900	8400	7100	6200	5200	4500	3900	3400	2900
WITH OUTRIGGERS																							

Deduct 460 Pounds from Rated Capacities for 10-Ton Single Block and Swivel Hook.
 Deduct 700 Pounds from Rated Capacities for 25-Ton Double Block and Swivel Hook.
 Loads should not exceed 90% of those shown above for bucket or magnet work.

CLEARANCES

TAIL SWING: 10 ft. 3 in. WIDTH OVERALL: 10 ft. 8 in. HEIGHT OVERALL: 14 ft. 8½ in.
LENGTH OVER COUPLERS: 27 ft. 9 in.