

PRECAST TRUCK CRANE & BOOM UNLOADERS SPECIFICATIONS

	3 Stage Telescopic Trolley Booms				Trolley Boom	2 Stage Telescopic Precast Booms							
Boom Style	160-21 TC	160-25 TC	160-30 TC	160-35 TC	200-20 TC	16000 22PTC 24PTC Trailer Mount	20-22 PTC	20-25 PTC	30-25 PTC	40-25 PTC	40-30 PTC	40-35 PTC	
Rope Reeving Required	2 Part	2 Part	2 Part	2 Part	2 Part	2 Part	2 Part	2 Part	2 Part	3 Part	4 Part	4 Part	4 Part
Capacity (lbs) @10'	18000	18000	18000	18000				20000					
@12'	16000	16000	16000	16000	20000	16000	20000		30000	40000	40000	40000	
@14'	15000	15000	15000	15000									
@15'	14000	14000	14000	14000	15000		16000	16000	24000	32000			
@16'													
@18'						10500							
@20'	10000	10000	10000	10000				12000		20000	20000	20000	
@21'	9900												
@22'					10000	8500	10000						
@24'						8000							
@25'		8200	8100	8200				9600	10000	15000			
@26'													
@30'			6500									11000	
@35'				5500									10000
Maximum Hook Extension	21'	25'	30'	34'	22'	22'/24'	22'	25'	25'	25'	29'6"	34'6"	

Boom Extension Minimum	11' 0"	11' 3"	13' 6"	16' 3"	23'10"	14'/15'	14'	15'	15'	15'	19'	24'6"
Boom Extension Maximum	21'8"	25'8"	30'8"	35'2"	23'10"	22'8"/24'8"	22'10"	25'10"	25'10"	25'10"	30'4"	35'4"
Elevation	60°	60°	60°	60°	65°	65°	65°	65°	65°	65°	75°	75°
Rotation	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
Rotation Speed	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm	0-1 rpm
Load Clearance	7'3"	7' "	7'3"	7'3"	7'6"	7'8"	7'8"	7'6"	7'6"	7'5"	7'1"	7'1"
Overall Height	13'1"	13'1"	13'1"	13'1"	12'7"	13'4"	13'4"	13'4"	13'4"	13'4"	13'4"	13'4"
Mounting Space Required	30"	30"	30"	30"	30"	42"	42"	42"	42"	45"	45"	45"
Maximum Cable Payout (hook lowering)	18 ft	18 ft	18 ft	18 ft	24 ft	33 ft	32 ft	50 ft	33 ft	45 ft	50 ft	50 ft
Operating Pressure (psi)	2500	2500	2500	2500	2500	2500	2500	2500	3000	3000	3000	3000
Pump Flow (GPM) Required	Single 18	Single 18	Single 25	Single 25	Single 25	Single 26	Single 22	Single 23	Single 28	Tandem 38	Tandem 38	Tandem 38
Max. Extended Rear (lbs)	18'4" 1200lbs	18'4" 1200lbs	24'6" 1450lbs	24'6" 1450lbs	18'4" 1280lbs	15'6" 850lbs	18'6" 1850lbs	18'6" 2000lbs	18'6" 2000lbs	18'6" 2000lbs	18'6" 2800lbs	18'6" 2800lbs
Optional Front	14'0" 750lbs	14'0" 750lbs	14'0" 750lbs	14'0" 750lbs	* 850lbs	* 850lbs	14' 850lbs	14' 850lbs	14' 850lbs	14' 900lbs	*16' 900lbs	*18'6" 1100lbs
Basic Unit Weight (lbs)	6800	7100	7700	7900	6980	7860	8600	9800	9900	11500	12800	13600
Outrigger Weight (lbs)	1200	1200	1450	1450	1280	850	1850	2000	2000	2200	2800	2800
Controls	Wireless Remote Auxilliary Standby Remote	Wireless Remote Auxilliary Standby Remote	Wireless Remote Auxilliary Standby Remote	Wireless Remote Auxilliary Standby Remote	Wireless Remote Auxilliary Standby Remote	Manual Proportional + Wireless Remote	Manual Proportional + Wireless Remote	Manual Proportional + Wireless Remote	Manual Proportional + Wireless Remote	Manual Proportional w/seat on turret for Operator Remote Optional	Manual Proportional w/seat on turret for Operator Remote Optional	Manual Proportional w/seat on turret for Operator Remote Optional
Subframe	Hollow Structural Sill					Hollow Structural Sill					Full Length reinforced Torsion Box Frame	
Min. Truck Frame Required	2.5 RBM	2.6 RBM	2.9 RBM	2.9 RBM	3.2 RBM	3.2 RBM	3.2 RBM	3.2 RBM	3.4 RBM	3.6 RBM	2.7 RBM	2.7 RBM