

**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"	

<b>Boom Extension Minimum</b>	11' 0"	11' 3"	13' 6"	16' 3"	23'10"	14'/15'	14'	15'	15'	15'	19'	24'6"
<b>Boom Extension Maximum</b>	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"
<b>Elevation</b>	60°	60°	60°	60°	65°	65°	65°	65°	65°	75°	75°	75°
<b>Rotation</b>	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
<b>Rotation Speed</b>	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
<b>Load Clearance</b>	7'3"	7' "	7'3"	7'3"	7'6"	7'8"	7'8"	7'6"	7'6"	7'5"	7'1"	7'1"
<b>Overall Height</b>	13'1"	13'1"	13'1"	13'1"	12'7"	13'4"	13'4"	13'4"	13'4"	13'4"	13'4"	13'4"
<b>Mounting Space Required</b>	30"	30"	30"	30"	30"	42"	42"	42"	42"	45"	45"	45"
<b>Maximum Cable Payout (hook lowering)</b>	18 ft	18 ft	18 ft	18 ft	24 ft	33 ft	32 ft	50 ft	33 ft	45 ft	50 ft	50 ft
<b>Operating Pressure (psi)</b>	2500	2500	2500	2500	2500	2500	2500	2500	3000	3000	3000	3000
<b>Pump Flow (GPM) Required</b>	Single 18	Single 18	Single 25	Single 25	Single 25	Single 26	Single 22	Single 23	Single 28	Tandem 38	Tandem 38	Tandem 38
<b>Max. Extended Rear (lbs)</b>	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
<b>Optional Front</b>	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
<b>Basic Unit Weight (lbs)</b>	6800	7100	7700	7900	6980	7860	8600	9800	9900	11500	12800	13600
<b>Outrigger Weight (lbs)</b>	1200	1200	1450	1450	1280	850	1850	2000	2000	2200	2800	2800
<b>Controls</b>	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
<b>Subframe</b>	Hollow Structural Sill					Hollow Structural Sill					Full Length reinforced Torsion Box Frame	
<b>Min. Truck Frame Required</b>	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