

# MODEL STC-60

## SPECIFICATIONS



### GENERAL SPECIFICATIONS

CRANE CAPACITY RATING	32,000 FT. LBS.	4.42 TM
MAXIMUM REACH	20' 0"	6.09 M
TIP HEIGHT *	19' 7"	5.97 M
HYDRAULIC EXTENSION	60"	152.4 cm
MANUAL EXTENSION (MAXIMUM)	48"	121.9 cm
ROTATION (STANDARD)	360 DEGREE CONTINUOUS	
CRANE WEIGHT	975 POUNDS	443.3 KG
STORAGE HEIGHT (CRANE ONLY)	34.4"	87.4 cm
OUTRIGGER SPAN (OPTIONAL EQUIPMENT)		
RETRACTED	95"	241.3 cm
EXTENDED	143"	363.2 cm
MOUNTING PLATE DIMENSIONS	23.5" X 20.5"	59 X 52 cm
RECOMMENDED PUMP CAPACITY PER MINUTE	6 GALLONS	22.7 LITERS
OPERATING PRESSURE (DIFFERENTIAL)	2400 PSI	165.5 BAR
BOOM ELEVATION RANGE	-10 DEGREES TO + 80 DEGREES	
MINIMUM LOAD RADIUS FROM CENTERLINE	31.3"	79.5 cm

\* VERTICAL DISTANCE FROM BASE PLATE TO CENTER OF SHEAVE TIP PIN

### STANDARD EQUIPMENT SPECIFICATIONS

<b>WINCH</b>	<b>38:1 RATIO WORM GEAR</b>	
BARE DRUM SINGLE LINE PULL	3000 POUNDS	1361 KG
LINE SPEED- 4TH LAYER 1 PART LINE	24 FEET/MINUTE	7.3 M/MINUTE
WIRE ROPE DIAMETER	3/8"	9.5 mm
WIRE ROPE LENGTH	75'	22.8 M
BALL BEARING SWIVEL HOOK	3 TON	2.7 M TON
2-PART LINE BLOCK	4 TON	3.6 M TON
RATIO CABLE TO SHEAVE PITCH DIAMETER	18:1	
RATIO CABLE TO WINCH DRUM DIAMETER	18:1	
<b>CYLINDERS</b>		
BOOM LIFT CYLINDER	4 INCH	101.6 mm
BOOM EXTEND CYLINDER	2 INCH	50.8 mm
LOAD HOLDING VALVES	INTEGRAL COUNTERBALANCE	
<b>ROTATION DRIVE</b>	85:1 RATIO SELF LOCKING WORM	
<b>DIRECTIONAL CONTROL VALVE</b>	4 SECTION STACKABLE	
OPERATION	SOLENOID WITH MANUAL OVERRIDE	
CONTROL PENDANT	25' (7.6 M) LONG HARD WIRED	
<b>OVERLOAD PROTECTION SYSTEM</b>	ACTIVE FUNCTION CUTOUT	



