GENERAL SPECIFICATIONS
(SERCO 1050XR)

LIFT CAPACITY
• 10,583 lbs. @ 10' radius (less weight of attachment).

BOOM REACH
• 22' fixed length boom standard. Fixed length and telescoping booms available to 28'.

ROTATION
• Continuous on double-row turntable bearing.

WEIGHT
• 7,800 lbs. (including oil & continuous grapple).

STANDARD FEATURES

MAIN AND SECONDARY BOOMS
• Fabricated from light weight, high strength, steel plate and reinforced at all stress points.

BOOM CYLINDERS
• Double acting with ductile iron pistons and glands with wear rings and chrome plated shafts. Main lift cylinder 6" x 36" x 3". Secondary boom cylinder 5" x 35-1/2" x 2-1/2".

BOOM PIVOT PINS
• 2-1/2" diameter made from 100,000 PSI yield chrome plated shafting.

BOOM PIVOT BUSHINGS
• Aluminum bronze bushings at boom pivot points.

MODELS RANGING UP TO 37,000 LBS.
LIFT CAPACITY
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

SWING SYSTEM
• Hydraulic motor powered planetary gearbox driving external tooth turntable bearing.
• Crossover relief valve for swing motor protection.

STABILIZERS
• Telescoping A-frame type with 117-3/4" spread at grade level individually controlled from operator's seat for adjustment on uneven terrain.
• Double acting 3-1/2" x 44" x 2" cylinders.

HYDRAULIC SYSTEM
• Tandem hydraulic circuits to allow simultaneous operation.
• Tandem gear pump providing 30 & 30 GPM at 1400 pump RPM.
• Stack type control valve located under seat for increased operator visibility and safety. Including necessary relief and anti-cavitation valves for machine protection.
• 55 gallon hydraulic reservoir with high capacity, 10-micron return line filter.
• Folding joystick controls standard, 4-wire reinforced hoses in all pressure applications.
• SERCO hydraulic manifold with ductile iron center spool & chrome plated housing for continuous swing rotation.

MISCELLANEOUS
• 3-Point greasing system for turntable bearing and pinion gear.
• Mechanical swing lock for safety during transit
• Dual heavy duty ladders.

OPTIONS
• Telescoping jib boom with separate valve and foot control.
• Light kits.
• Full range of attachments including continuous rotation grapples.
• Side mounted steel or aluminum tank built to SERCO specs.
• Hydraulic Oil Coolers
• Bolt-on Cylinders

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