



# ELLIOTT SKYWALK

## Skywalk S50R

### GENERAL SPECIFICATIONS

Basic unit includes base assembly supporting front mounted rotating turret, hydraulically powered continuous rotation mechanism, oil reservoir mounted to truck frame, oil, and manual hydraulic controls mounted to turret. Electronic proportional four stick remote controls on platform. Base mounted "MH" type hydraulically powered individually controlled main outriggers. Underslung "A" type outriggers for rear stabilization. Front bumper stabilizer. High strength steel three section hydraulically telescoping boom with one double acting 6-1/2" lift cylinder. One exposed cable carrier to boom tip. Hydraulically self-leveling top mount 28" wide x 16 ft. long work platform with 350 degrees hydraulic rotations and remote leveling from platform. Power take off and pump drive, pressure gauge, pump and holding valves on all cylinders. Remote start/stop at upper and lower controls, 12-volt emergency pump with switch at upper and lower controls, PTO hour meter, backup alarm, fire extinguisher, and two body harnesses and lanyards. Paint Hi-Reach white, outriggers red and bed and boxes black. Installed on chassis, tested and ready to operate. Working height 55'. Platform capacity 900lb.

### PLATFORM LEVELING SYSTEM

Hydraulic "closed" system consisting of a platform cylinder interacting with a boom-actuated master cylinder mounted in boom support turret. System provided with factory-set relief valves to compensate for oil expansion or overload during platform leveling operation. Remote releveing controls provided in platform and at ground controls to give precise releveing capability.

### PLATFORM CONTROLS

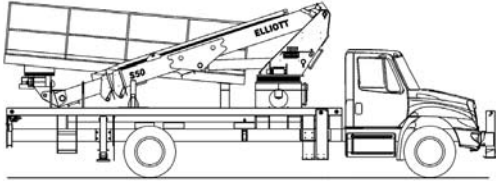
Four individual proportional electronic controllers meter pilot-operated, pressure-compensated modulating valves for boom controls and platform rotation. Remote controls for boom operations from platform operate from a removable remote control box. Hi/Lo range, start/stop and engine speed toggle controls are also located at platform. Electric remote control cable extends through the electrical slip ring to cable carrier on side of boom to extending boom sections.

### OUTRIGGERS

"MH" out-and-down main outriggers with 18 ft. spread. Additional stabilization provided by underslung rear outriggers and one tilting front bumper jack.

### BOOM

Three high strength, plated rectangular tube sections. Assembly includes heavy-duty cylinder fittings, pivot pins, replaceable boom roller bearings, and replaceable wear pads. A two-stage double acting cylinder, with cylinder pins connects the three boom sections.



Skywalk on Ford F750



Skywalk on IH 4300



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