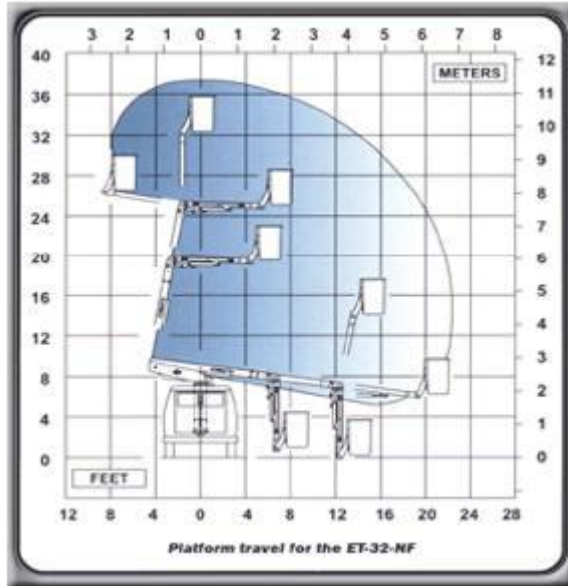


ET-32/34 Series



<u>General specifications</u>	<u>ET-32/34-NF Articulated Fly-boom</u>
Based on 36 in. Frame Height	
Horizontal reach	22' 5" (6.83 m)
Horizontal reach with rotating platform	22' 11" (6.99 m)
Standard platform capacity	300 lbs. (136 kg)
Maximum platform capacity (300 lbs. with rotator)	350 lbs. (159 kg)

<u>With standard pedestal</u>	
Based on van-mounted unit	
Height to bottom of platform	32' 5" (9.88 m)
Working height	37' 5" (11.40 m)
Stowed travel height	9' 9" (2.97 m)
Weight of lift	1,610 lbs. (715 kg)



<b>Hydraulic system</b>	
Operating pressure	2,250 psi (158 kg/cm <sup>2</sup> )
Flow Rate	2 gpm (7.5 lpm)
Filtration	10 micron return
System type	Open center
Power source option	PTO pump
Power source option	Belt drive system
Power source option	Generator

<b>Boom action:</b>	
Outer boom	-8° to +80°
Inner boom	68"
Rotation	360° non-continuous with electrical stop
Fly-boom	180°
Platform rotation (optional)	180°

<b>Features</b>
<b>Controls:</b> Upper controls allow feathering of boom functions. Engine stop and start is activated by a spring-loaded toggle switch. The engine stop is an instant kill circuit. A push button emergency stop switch is provided. Optional pneumatic circuits (1 or 2) are located near the platform. Remote lower controls are standard.
<b>Mechanical system:</b> Rotation is 360° non-continuous with an electric limit switch to prevent hose and wiring damage. Rotation is accomplished by a hydraulically driven worm and spur gear and a shear-ball rotation bearing. Turret top plate and mast plate are machined to provide a flat surface to support the rotation bearing. Non-lube bearings are used at all points of movement.
<b>Hydraulic system:</b> The open center hydraulic system operates at 2,250 PSI (158 kg/cm <sup>2</sup> ) at 2 GPM (7.6 LPM). Tank markings are furnished for monitoring fluid level.
<b>Fly-boom:</b> The fly-boom consists of a 5" X 7" (128 mm X 178 mm) aluminum tube with high strength steel weldments at all pivot locations. A hydraulic cylinder and four bar linkage provides 180° articulation relative to the inner boom.

Platform: The standard fiberglass platform is 24" X 24" X 42" (.61 m X .61 m X 1.07 m ) with a step through opening for easy access. Hydraulic leveling is standard on the ET-NF. Walk-in and splicing platforms are also available.

Options: Following are some options available; chassis or van mount, 4", 6" and 12" taller pedestals, continuous rotation, rotating platform, 24" X 30" platform, pneumatic circuits to the platform, 120V to platform and emergency power.

