

ATC-822

Hydraulic All-Terrain Crane
22-ton (20 mt)



- 22-ton at 9' (2.74 m) radius
- 121' (36.88 m) maximum tip height
- 39,223 lbs (17 791 kg) gross vehicle weight
- 27.12' - 70.12' (8.27 - 21.37 m) full power, three-section boom with quick reeve boom head
- Optional 44' (13.41 m) two-piece (bi-fold) lattice fly, stowable, offsettable to 2°, 20° and 40°
- Vicoguard 434 rated capacity limiter
- Off-highway 230 hp Cummins engine
- Pilot-operated hydraulic controls
- 1500/3000 lb counterweight capability



Link-Belt
CONSTRUCTION EQUIPMENT

ATC-822

Hydraulic All-Terrain Crane

Continuous innovation...
Designed versatility

The ATC-822 is designed with job-proven innovations to give you the best value in its class!

- ZF automatic or full power shift transmission
- Hydraulic motor-operated oil cooler keeps engine and hydraulic system running cooler
- Two-piece (bi-fold) lattice fly, stowable, offsettable to 2°, 20° and 40° for increased versatility
- 1500/3000 lb counterweight capability
- Confined area lifting capacities (CALC™) system allows 100% confined work areas where full outrigger extension is not possible
- Optional one-piece and two-piece swing-away lattice flies are easily stored or removed for transport if necessary.
- Metri-Pak wire harnesses have sealed relays and connectors throughout for outstanding long-term reliability. All wires have flame retardant polyethylene insulation, resulting in a higher heat resistant wiring system.
- Features the "Boss," Link-Belt's patented boom design of high strength angle cords and high formability sidewall embossments.



Engine hood design provides easy access for maintenance.



ZF automatic/powershift transmission

Right sliding window in carrier cab provides improved ventilation.



Circuit breakers, located in a remote location, run cooler, last longer and improve reliability.



Aluminum, round floats



Operator cab features

- Sound-suppressed environmental cab with large front window for excellent visibility
- Tinted glass
- Sliding right side and rear windows and swing-up top window provide excellent ventilation
- Integral rated capacity limiter aids the operator in safe and efficient operation by continuously monitoring boom length, boom angle, head height, radius of load, machine configuration, allowed load and percent of allowed load.

Carrier cab offers highway comfort and control

- Tilt/telescoping steering wheel connected to rack and pinion steering
- Dash-mounted comprehensive instrumentation with lighted gauges
- Right side, rear sliding and roll-down door windows
- Fully adjustable fabric seat
- Suspended pedals
- Rear view mirrors
- Automotive-type fuses

Roadability with job site maneuverability

The ATC-822 provides a combination of highway speed with job site maneuverability, low axle loadings and a ZF electronic power shift/automatic transmission. With a spring-mounted suspension and oscillating cylinders acting as shock absorbers, plus radial tires, highway travel becomes smooth and comfortable.

Powerful hydraulics

- For greater productivity and control, the four-pump hydraulic circuit allows simultaneous function of boom hoist, winch and swing, setting the standard in the 22-ton (20 mt) class.
- Piston motor hydraulic hoist system delivers superior hoisting. Matched sizes of main and auxiliary winches provide equal maximum available line pulls of 9,080 lbs (4 118 kg) and maximum line speeds of 293 fpm (89.3 m/min) on 10-5/8" (270 mm) root diameter drums.

