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Altec
 DIGGER DERRICK

DR42B

FEATURES

- 5-Function HOP, Including Boom Down
- Full-Function Radio Controls for Boom with HOP Light Indicators
- ROPS and FOPS Certified Open Cab
- Hydraulic Tilting Pole Guides
- Hydraulic Side Load Protection (HSLP)
- Insulating, 46kV and Below
- All Boom Sections Extend/Retract Hydraulically
- Full Capacity Fiberglass Upper Boom
- Fixed Steel Boom Flares at Boom Tip
- Hydraulic Auger Release
- Tool Circuit
 - » Below Rotation: Two-way, adjustable flow up to 8 GPM at 2,000 PSI
 - » Above Rotation: Adjustable flow up to 5 GPM at 2,000 PSI
- Capable of Setting a 55 ft, Class H6 Pole
- Travel/Drive Tilt Alarm for 20° Side and 25° Front-to-Back Slope
- Boom and Auger Stow Protection (proximity switch)
- Outrigger Controls at the Front and Rear of the Chassis
- 8,000 ft-lb Auger Motor (two speed hydraulic)
- Departure Angle of 30°
- Outrigger Interlocks (proximity switch)
- Outrigger Motion Alarm

Recommend safety equipment, available through Altec Supply, include a 5 lb fire extinguisher, triangular reflectors/road flares, fall protection equipment and outrigger pads.

OPTIONS

- Radio Remote Control Docking Station (for radio remote upper controls, ANSI compliant control interlocks)
- ROPS and FOPS Certified Enclosed Cab
- Rear Carrier Mount T-stand Control Station
- 15,000 lb Detachable Electric Recovery Winch
- 18,000 lb Detachable Electric Recovery Winch
- 30,000 lb GVWR Capacity Trailer
- Single Aerial Platform with 350 lb Capacity
- 8 ft Fiberglass Material Handling Jib
- Isolating Material Handling Jib with Winch (for use with platform)
- Pole Puller (includes chain)
- Hydraulic Tamp
- 800 lb Capacity Electric Capstan



SPECIFICATIONS	Maximum Sheave Height	42.3 ft (12.9 m) 50.3 ft (15.3 m) with Optional Jib
	Maximum Horizontal Reach	37.8 ft (11.5 m)
	Maximum Lift Capacity	8,900 lb (4,037 kg)
	Minimum Stowed Unit Width	90 in (228.6 cm)
	Minimum Stowed Unit Length	20.2 ft (6.2 m)
	Stowed Travel Height	8.3 ft (2.5 m)
	Auger Diameter	18 in (45.7 cm)
	Maximum Digging Depth	9.5 ft (2.9 m)
	Digger Radius (min - max)	15.4 ft (4.7 m) - 25.7 ft (7.8 m)
	Maximum Digging Motor Torque (Two Speed Hydraulic)	8,000 lb-ft (10,847 N-m)
	Hydraulic Pump	40 GPM
	Winch Rope Spec	125 ft (38.1 m) 5/8" rated working load 6,000 lb (2,722 kg)
	Winch Line Pull	6,000 lb (2,722 kg)
	Rotation	Continuous
	Articulation	-16 to 80°
	Unit Weight	22,170 lb (10,056 kg)
	Kubota V3307 Diesel Engine	75 hp
	Fuel Tank Capacity	23 gal (87.1 L)
	Ground Contact Pressure	6.6 psi (.46 bar)
	Cargo Deck with Anchor Points	81 x 32 in (205 x 81.2 cm)
	Cargo Capacity	3,000 lb (1,361 kg)
	Track Drive	2-speed, piston motor
	Track Contact Length	85 in (216 cm)
	Maximum Drive Slope	25° Front to Back 20° Side to Side
	Maximum Travel Speed	5 MPH (8 k/hr) (high speed)

OPTIONAL COMBINED USE PLATFORM
An optional platform and material handling jib that gives the operator up to 38 feet of working height with the platform, in addition to simultaneously lifting up to 2,210 pounds with the material handling jib.



HOP INDICATION ON RADIO CONTROLS
HOP indication on the standard radio controls inform the operator of the percentage of lifting capacity used during operation.



RADIAL OUTRIGGERS
Outriggers with 22 inch ground penetration for maximized slope set-up.



ROPS AND FOPS CERTIFIED CABS
The enclosed and open cabs are Roll Over-Protection Certified to the total GVWR of the unit.



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