ELLIOTT
A STELLAR COMPANY



STANDARD FEATURES

- 46kV Insulating
- Full Pressure Open Center Hydraulics
- Premium Planetary Swing Drive & Winch Motor
- Automatic High/Low Speed Shifting
- Ergonomic Control Console w. Air Suspension Seat
- Long-Stroke A-Frame Outriggers
- Hydraulic Side Load Protection
- Dual Lift Cylinders
- Wide Entry Ingress / Egress
- Engineered for Serviceability
- Two-year Parts & Labor Warranty
- Lifetime Structural Warranty
- ANSI A10.31 Compliant

D47i

DIGGER DERRICK

Automatic High/Low Speed Shifting

Optimizes performance by seamlessly shifting between high and low auger speeds, delivering smoother, more controlled digging and reducing operator fatigue and wear on components.

Premium Planetary Swing Drive & Winch Motor

Includes premium components with non proprietary parts to help ensure longer life and better availability for continued uptime.

Best In Class Lifting Capacity

The D47i is a power lifter. High performance throughout the chart gives you the ability to handle large loads with ease.

Ergonomic Control Console

Designed for operator performance with an ergonomic control console, air suspension seat, and continuous auger speed for smoother, more precise operation.

Long-Stroke A-Frame Outriggers

Extended outrigger stroke allows the truck to level on uneven terrain with less cribbing, improving setup speed, stability, and jobsite productivity.

Unmatched Warranty Protection

Backed by two-year parts and labor protection and a lifetime structural warranty.

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D47i
DIGGER DERRICK



OPTIONS

- Custom Line Body & Flat Bed configurations
- Hydraulic Tool Outlets & Reels
- Various Auger Tooling Options
- Radio Anti-two block
- Radio Remotes
- Front Recovery Winch
- And more additional options & configurations – contact factory or dealer

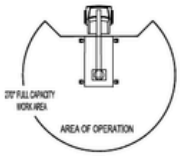
VIDEO:

FULL SPECS:

SPECIFICIATIONS

Sheave Height (Maximum)	47′ / 14,3 m
Sheave Height (Retracted)	30′ / 9,1 m
Digging Radius (Maximum)	26′ / 7,9 m
Digging Radius (Minimum)	17′ / 5,2 m
Lifting Capacity (Maximum)	26,000 lb / 11 793 kg
Lifting Capacity @ 10′ Radius	11,500 lb / 5 216 kg
Boom Rotation	360 Degrees Continuous
Digger Motor Torque	12,000 ft-lb / 16 270 Nm

	FULLY RETRACTED			2ND SECTION EXTENDED			3RD SECT EXT - 2ND SECT RET				2ND & 3RD SECT EXTENDED		
BOOM ANGLE (DEGREES)	LOAD RADIUS (FT)	SHEAVE HEIGHT (FT)	LOAD CAPACITY (LB)	LOAD RADIUS (FT)	SHEAVE HEIGHT (FT)	LOAD CAPACITY (LB)	BOOM ANGLE (DEGREES)	LOAD RADIUS (FT)	SHEAVE HEIGHT (FT)	LOAD CAPACITY (LB)	LOAD RADIUS (FT)	SHEAVE HEIGHT (FT)	LOAD CAPACITY (LB)
80	4.3	29.8	26,000	5.8	38.7	26,000	80	5.8	38.7	17,500	7.4	47.6	13,100
75	5.9	29.4	18,500	8.3	38.1	18,500	75	8.3	38.1	12,400	10.6	46.8	9,100
60	10.6	27.2	10,800	15.1	35.0	10,800	60	15.1	35.0	7,000	19.6	42.8	5,000
45	14.5	23.9	7,800	20.8	30.2	7,800	45	20.8	30.2	5,150	27.2	36.6	3,500
30	17.4	19.7	6,400	25.2	24.2	6,400	30	25.2	24.2	4,200	33.0	28.7	2,800
15	19.1	14.8	5,400	27.8	17.2	5,400	15	27.8	17.2	3,500	36.5	19.5	2,300
0	19.6	9.7	4,450	28.6	9.7	4,450	0	28.6	9.7	2,800	37.6	9.7	1,750
-20	18.0	3.1	2,500	26.5	0.0	2,500	-20	26.5	0.0	1,400	35.0	-3.1	700



NOTICE

- DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM.
- KEEP AT LEAST 5 WRAPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES.
- USE ONLY DIAMETER ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED.

7/8" DIA. ULTREX PLUS SYNTHETIC ROPE