

# ELLIOTT



## STANDARD FEATURES

- 46kV Insulating
- Full Pressure Open Center Hydraulics
- Premium Planetary Swing Drive & Winch Motor
- Ergonomic Control Console w. Air Suspension Seat
- Hydraulic Side Load Protection
- Dual Lift Cylinders
- Radio Anti-Two-Block
- Wide Entry Ingress / Egress
- Engineered for Serviceability
- Lifetime Structural Warranty
- ANSI A10.31 Compliant

# D47i

## DIGGER DERRICK

### Premium Planetary Swing Drive & Winch Motor

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

### Full-Pressure Hydraulic Controls

Provide smooth, reliable operation and outstanding control feedback. Elliott's specially tuned valving further enhances smoothness and precision.

### Ergonomic Control Console With Air Suspension Seat

Built around operator performance – ergonomic control console with air suspension seat, continuous auger speed – not a manual shift. Allows for smoother operation and better operator performance.

### 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.

402.592.4500 | SALES@ELLIOTTEQUIP.COM | ELLIOTTEQUIP.COM



**ELLIOTT****D47i****DIGGER DERRICK****OPTIONS**

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

**VIDEO:****FULL SPECS:****SPECIFICATIONS****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

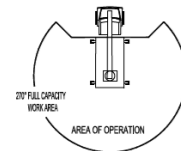
**Boom Rotation**

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

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