

D47i

DIGGER DERRICK



KEY FEATURES

- » 46kV Insulating
- » Full Pressure Open Center Hydraulics
- » Premium Planetary Swing Drive & Winch Motor
- » Ergonomic Control Console With Air Suspension Seat
- » Dual Lift Cylinders
- » Hydraulic Side Load Protection
- » Backed By Lifetime Structural Warranty
- » ANSI A10.31 Compliant



Deluxe Control Console

Optimized for comfort and performance, the control console of the D47i is engineered for easy ingress and egress to the comfortable operator seat.



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.



Full-Pressure Hydraulic Controls

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



Premium Components

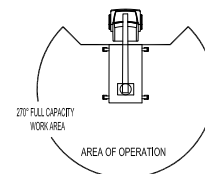
We know a machine is only as good as what goes inside. That's why we specify high grade components like a planetary swing drive and winch motor that are not typically found in this class.

OTHER FEATURES

- » **Dual Lift Cylinders :** Dual, double-acting lift cylinders provide outstanding holding strength and power out of the hole.
- » **Radio Anti-Two-Block:** Building on decades of material handling experience, we know the importance of an anti-two-block. That's why it's a standard feature on the D47i.
- » **Exceptional Ingress / Egress:** Wide entry ingress / egress maximizes available body space and makes getting in and out of the console a breeze.
- » **Engineered for Serviceability:** Large access points, wide cable carriers and minimized fittings make service quick and easy, maximizing your uptime.
- » **Lifetime Structural Warranty:** Elliott machines are built to last. That's why we back them with the best warranty in the industry.
- » **Certification:** Certified to ASNI/ASSP A10.31 for Digger Derricks.

**Specifications are subject to change.*

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

*Preliminary - specifications are subject to change.

AVAILABLE OPTIONS

- » Custom Tool Boxes and Bodies
- » Hose Reels and Other Hydraulic Components
- » Body Lighting
- » Auger Flightings
- » Contact Factory for Additional Options and Configurations

TECHNICAL 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

QUESTIONS? CONTACT US. 402-592-4500 | sales@elliottequip.com