SPEC SHEET

BTE-330

Ultimate powerhouse

BALLAST TOOLS™ BTE EQUIPMENT

The BTE-330 Hi-Rail Excavator provides unmatched strength, speed and efficiency to tackle the most challenging conditions. Equipped with a 273 hp engine, the BTE-330 is the largest, most powerful excavator option in the BTE line. It is compatible with a full line of attachments, making this an extremely versatile powerhouse.

273 HP

39.5-FT REACH

25 MPH ON TRACK

MACHINE AT-A-GLANCE

Engine Power	273	hp	203.5	kW
Max On-Track Speed	25	mph	40	kph
Reach (at ground level)	39.5	ft	12	m
Weight	88,500	lb	40,143	kg
Width x Height	11.1 x 11.2	ft	3.3 x 3.4	m
Swing Radius	Conventional			
Rototilt	R8 high flow			
Power Class	15 ft undercutter with 3-inch conical bit chain and spoils wheel			

Other Features:

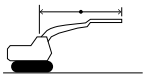
- Cat® hydraulic coupler
- Two-speed drive motors for travel and towing
- 24” extended-life hi-rail wheels
- Chain drive, solid axle, heavy duty bearings
- Hi-rail wheels retract for greater ground clearance
- Quick tow mode drive disconnects
- Ergonomic joysticks for multi-function control
- Crawler track mobility for power and stability
- Insulated axles (optional)

COMPARE MODELS

Scan the QR code to see how the BTE-330 compares to our other excavators

LOAD CHARTS/LIFT CAPACITIES

Load point height



Load at maximum reach (sticknose/bucket pin)

Load over front

Load over side

On Rail*

LPH		3.0 m/10.0 ft		4.5 m/15.0 ft		6 m/20.0 ft		7.5 m/25.0 ft		9 m/30.0 ft	
7.5 m	kg										
25.0 ft	lb										
7.5 m Super Elevated	kg										
25.0 ft Super Elevated	lb										
6.0 m	kg							*6,450	3,025		
20 ft	lb							*14,250	6,700		
6.0 m Super Elevated	kg								2,375		
20.0 ft Super Elevated	lb								5,250		
4.5 m	kg					*8,100	4,550	*7,000	2,950		
15.0 ft	lb					*26,550	17,450	*15,400	6,500		
4.5 m Super Elevated	kg						3,575		2,300		
15.0 ft Super Elevated	lb						7,900		5,100		
3.0 m	kg			*12,875	6,275	12,500	4,200	8,550	2,700	*6,650	1,700
10.0 ft	lb			*28,400	13,850	26,850	9,250	18,850	5,950	*14,650	3,750
7.5 m Super Elevated	kg				5,200		3,300		1,950		1,275
25.0 ft Super Elevated	lb				11,500		16,750		4,300		2,850

"Lift Capacities – One Piece Boom "Spec", "Spec" Stick"

Off Rail*

LPH		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6 m/20.0 ft		7.5 m/25.0 ft		9 m/30.0 ft				m ft
7.5 m	kg													*5,600	*5,600	**7.28**
25.0 ft	lb													*12,350	*12,350	**24.17**
6 m	kg									*7,900	6,450			*5,350	*5,350	**8.24**
20 ft	lb									*16,700	13,800			*11,750	*11,750	**27.50**
4.5 m	kg							*9,250	8,800	*8,400	6,300			*5,300	4,900	**8.83**
15 ft	lb							*20,050	19,000	*18,300	13,550			*11,650	10,800	**29.17**
3 m	kg					*14,250	12,850	*10,800	8,450	*9,150	6,150	*6,500	4,700	*5,450	4,550	**9.14**
10.0 ft	lb					*30,650	27,700	*23,400	18,200	*19,900	13,200			*11,950	10,050	**30.00**
1.5 m	kg					*17,000	12,150	*12,300	8,100	9,200	5,950	7,050	4,600	*5,800	4,450	**9.19**
5 ft	lb					*36,700	26,150	*26,550	17,450	19,750	12,800	*13,650	9,850	*12,700	9,800	**30.83**
0 m	kg					*18,300	11,800	12,600	7,850	9,050	5,800			*6,350	4,550	**8.99**
0 ft	lb					*39,550	25,400	27,100	16,950	19,450	12,500			*14,000	10,000	**30.00**
- 1.5 m	kg	*6,950	*6,950	*10,950	*10,950	*18,250	11,700	12,500	7,750	8,950	5,750			*7,350	4,850	**8.52**
- 5.0 ft	lb	*15,550	*15,550	*24,800	*24,800	*39,600	25,200	26,850	16,700	19,300	12,350			*16,250	10,700	**28.33**
- 3.0 m	kg	*12,500	*12,500	*17,650	*17,650	*17,150	11,800	12,500	7,750	9,000	5,800			8,650	5,550	**7.73**
- 10.0 ft	lb	*28,000	*28,000	*40,050	*40,050	*37,100	25,350	26,900	16,750	19,400	12,500			19,150	12,300	**25.83**
- 4.5 m	kg			*19,900	*19,900	*14,600	12,000	*10,800	7,950					*9,500	7,150	**6.51**
- 15.0 ft	lb			*42,750	*42,750	*31,300	25,850	*22,850	17,150					*20,850	16,000	**21.67**

**Indicates that the load is limited by hydraulic lifting capacity rather than tipping load and do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Maximum Weight includes steel tracks with 14,770 lb counterweight, pads, cab, operator, full fuel tank and no bucket. Heavy lift function on.*

COMPATIBLE ATTACHMENTS

Undercutter (with Spoils Wheel)

Cribber

Tamper - 2/4-Motor

Tie Dragon

Tie Talon

Panel Lifter

Concrete Tie Unloader

Tie Shear

Rail Threader

Tower Shear

Tie Grapple

Tube Talon

Cold Air Blower

Mulcher

Culvert Cleaner

Buckets

Contact your sales representative or visit our website to get started.

636.937.0505 OR SALES@BTEQUIP.COM

**All values are approximate and will change. For specific and the latest engineering machine data, please contact BTE directly.*

BTE EQUIPMENT

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