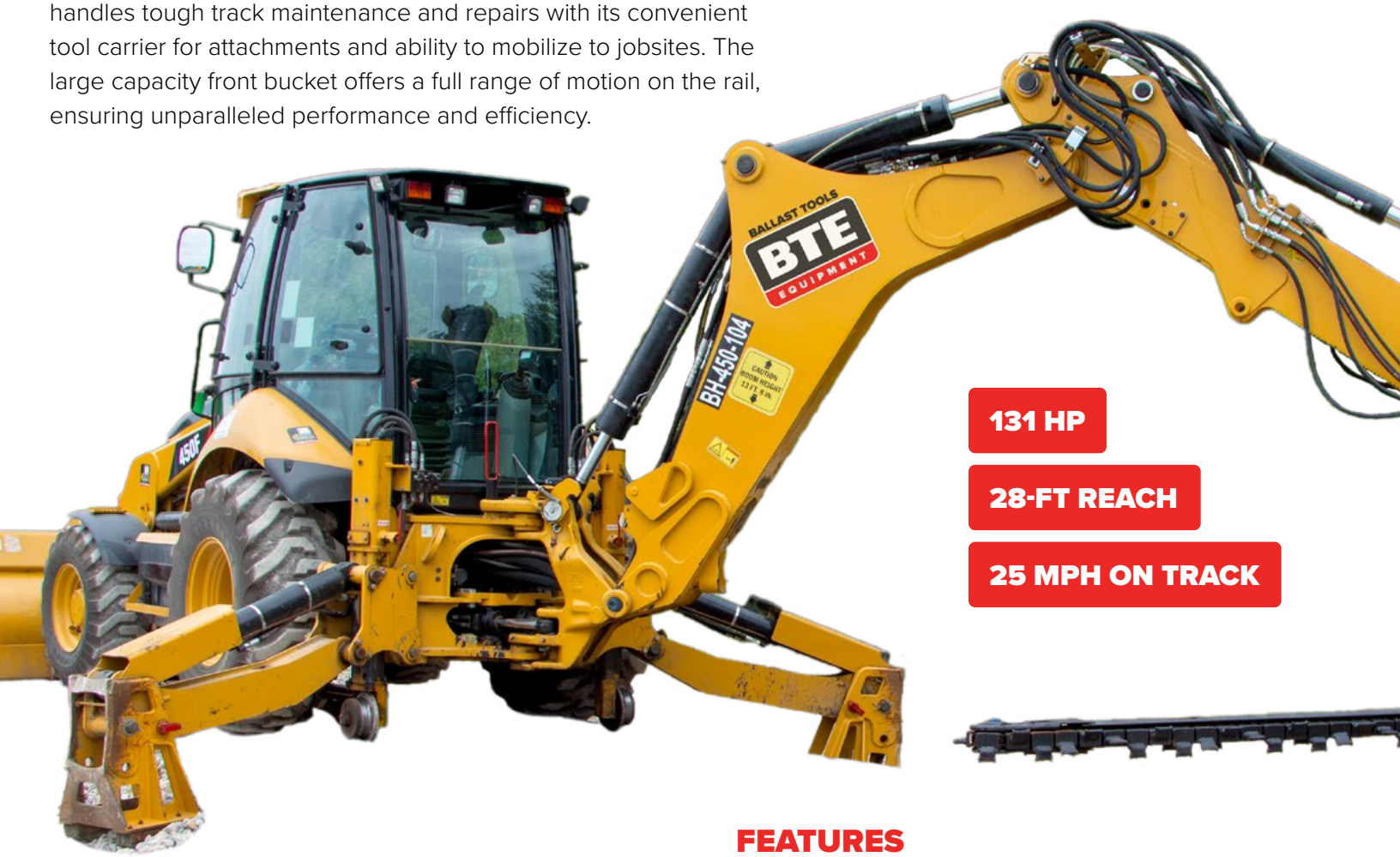
SPEC SHEET

BTE-450

Powered for undercutting precision

BALLAST TOOLS™ BTE EQUIPMENT

The BTE-450 Hi-Rail Backhoe delivers exceptional undercutting power with its high horsepower engine. This machine effortlessly handles tough track maintenance and repairs with its convenient tool carrier for attachments and ability to mobilize to jobsites. The large capacity front bucket offers a full range of motion on the rail, ensuring unparalleled performance and efficiency.



131 HP

28-FT REACH

25 MPH ON TRACK

MACHINE AT-A-GLANCE

Engine Power	131	hp	98	kW
Max On-Track Speed	25	mph	40	kph
Reach (at ground level)	28	ft	8.5	m
Weight	28,000	lb	12,700	kg
Width x Height	8.4 x 14	ft	2.6 x 4.3	m
Power Class	9 ft undercutter 7 ft cribber & cold air blower			

FEATURES

- Rototilt 360° rotation and tilt attachment coupler
- Four-foot extendable E-stick
- 50 ft hose reel to power 5 or 10 gpm hydraulic hand tools
- Frame-mounted pivoting front axle
- Extended outrigger pads for additional stability on rail
- Hydraulic priority valve for better attachment performance
- Attachment tool recognition to automatically set the flows and pressures of attachments
- Insulated shunt-able rail wheels

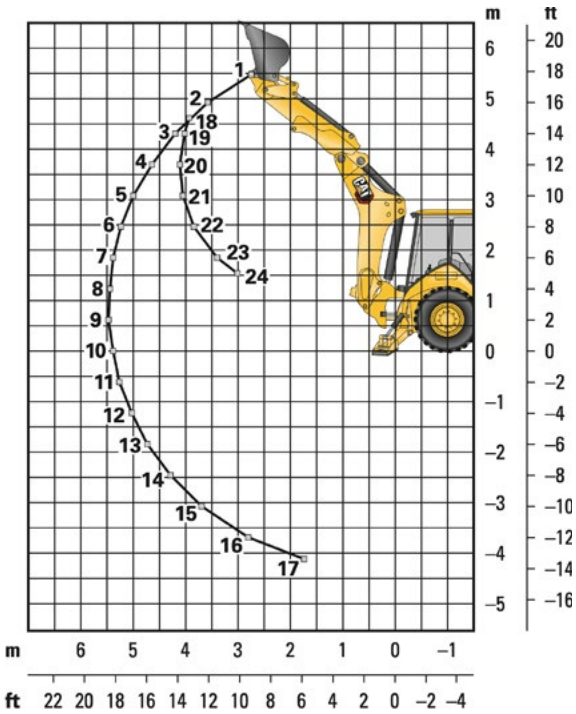
COMPARE MODELS

Scan the QR code to see how the BTE-450 compares to our other hi-rail machines.

LOAD CHARTS/LIFT CAPACITIES

Backhoe Lift Capacity: CAT 450 Standard Stick

Boom Lifting	kg	lb
1	2,848	6,279
2	2,850	6,283
3	2,758	6,080
4	2,645	5,831
5	2,531	5,579
6	2,420	5,336
7	2,316	5,106
8	2,219	4,891
9	2,127	4,689
10	2,041	4,500
11	1,961	4,323
12	1,884	4,156
13	1,814	3,999
14	1,747	3,851
15	1,683	3,711
16	1,625	3,583
17	1,604	3,636
Stick Lifting	**kg**	**lb**
18	2,880	6,349
19	3,170	6,989
20	3,568	7,866
21	3,860	8,511
22	4,195	9,247
23	4,843	10,677
24	5,670	12,499



Loader Bucket Dimensions and Performance

Single Tilt Loader				
Bucket	**GP (Pin-On) (1.34 m³/1.75 yd³)**	**GP (Pin-On) (1.53 m³/2.0 yd³)**	**MP HD (Pin-On) (1.34 m³/1.75 yd³)**	**MP ED (Pin-On) (1.34 m³/1.75 yd³)**
Lift Capacity at Maximum Height	4,031 kg (8,886 lb)	3,984 kg (8,783 lb)	3,793 kg (8,362 lb)	3,754 kg (8,276 lb)

**Lift capacities are over-end values in accordance with SAE J31. Figures listed are 87% of the maximum lifting force available. Machine equipped with 610 mm (24") HD hoe bucket, 4WD, OROPS, 1.34 m3 (1.75 yd3) cyd GP loader bucket. When using the lifting eye, do not exceed the SWL of the link.*

COMPATIBLE ATTACHMENTS

Cold Air Blower

Undercutter

Cribber

Tamper - 2-Motor

Tie Talon

Tube Talon

Tie Shear

Tower Shear

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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