

325·328

D-SERIES COMPACT EXCAVATORS



**BOBCAT® 325 AND 328 D-SERIES
COMPACT EXCAVATORS SAVE TIME
AND EFFORT ON EVERY JOBSITE.**



Big muscle for small spaces!



Get Hitched Quick!
The exclusive Bobcat **X-CHANGE™** system makes changing attachments fast and easy!

325

D-SERIES COMPACT EXCAVATOR

Here's a multi-purpose machine able to work in spaces where larger excavators can't fit. The 325 can dig postholes and trenches, demolish sidewalks and walls — even in muddy conditions and on jobs with weight restrictions.

- 8' 5"** Maximum Digging Depth
- 9' 1"** Maximum Dumping Height
- 13' 11"** Maximum Reach at Ground Level
- 27.5 hp** Liquid-Cooled Diesel Engine

328

D-SERIES COMPACT EXCAVATOR

This is the long-armed version of the 325 excavator — ideal for jobs such as loading trucks, cleaning ditches and other shallow excavating work. The 328's longer dipper means less repositioning and faster job completion.

- 9' 5"** Maximum Digging Depth
- 9' 9"** Maximum Dumping Height
- 14' 10"** Maximum Reach at Ground Level
- 27.5 hp** Liquid-Cooled Diesel Engine

**Best cycle times
in their class.**

Hydraulic System

The hydraulic circuits on Bobcat D-Series excavators use the latest in pump and valve technology for excellent control of work group functions.

Best Cycle Times In Their Class

The Bobcat multi-function hydraulic system lets the operator use up to four functions at the same time, such as those commonly employed when digging a hole or loading a truck:

- ▶ House Swing
- ▶ Boom Up
- ▶ Dipper Out
- ▶ Bucket Dump



Swing-Open Tailgate

The swing-open tailgate permits unmatched engine serviceability. It's made of die-formed quarter-inch steel, which eliminates the need for the cast counterweights found on competitive excavators. The tailgate latch is hidden, and opens with a lever located in the operator area. The upper structure of the excavator is also made of quarter-inch steel for superior strength in all applications.



Right-Side Access Cover



The fuel fill, control valve and associated plumbing are quickly accessed by a tip-forward cover that locks open in two positions. The first position is for fuel filling and routine daily maintenance. By removing a stop, the cover can be opened further for even greater access to hydraulic components.

Two-Speed Function On Blade Lever



The two-speed activation function has been moved to the backfill blade handle. Pressing the two-speed button puts the machine in high range; pressing it again shifts the travel circuit back to low range. This eliminates the need for the operator to "hold" the two-speed in high range. A light on the console indicates when the travel circuit is in high.

Auxiliary Function Control



Located on the right-hand joystick, this system gives you fingertip control of auxiliary hydraulic functions. No other excavator brand offers a variable-flow auxiliary system on the joystick. The system also features the capability of detented flow in both directions.

Instrumentation, Electronics and Shutdown

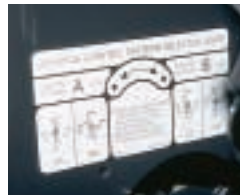
New instrumentation includes sweep gauges for engine temperature and fuel level, amber-lighted icons indicating when various machine functions are active and several red warning icons. There is also a digital readout for engine hours, job hours, and engine rpm. A switch on the instrument panel allows the operator to toggle between these modes.



If engine coolant temperature, engine oil pressure or hydraulic oil pressure reach the critical level, the monitoring system will shut the excavator down to lessen the chance of damage to the machine.

Control Pattern Selection

This feature allows the operator to quickly switch between ISO and Standard control patterns. The selection lever is located in the operator's area for convenient access.



Work Lights



The standard lighting package includes both boom-mounted and frame-mounted adjustable lights. The frame-mounted unit is located on the left front corner of the machine. If additional lighting is required, cab-mounted lights are available as accessories.

Training Resources

Operator and service training kits are available from your Bobcat excavator dealer. These comprehensive programs use video, manuals and hands-on operation. A Spanish-language version is also available.

Two-Piece Pedals

Travel and boom offset functions are controlled by two-piece folding pedals. When these functions aren't needed, the rear portion of the pedals can be folded forward and the offset pedal can be locked stationary. This allows the operator to use it as a footrest, as well as opening up more floor area for foot placement.



The angle of the pedals has also been optimized for more comfortable operation.

Centralized Greasing

For ease of servicing, grease zerks for the swing pinion, swing bearing and offset cylinder are in a centralized location on the right front corner of the excavator.



Control Console Lockout



Raising the left console locks out the joystick and traction functions. A light on the console indicates when the lockout system is off (controls active).

Cab Option

The optional cab is equipped with a heating and ventilation system. The super-efficient cab heater lets you work in comfort even during the coldest winter months.



SPECIFICATIONS

Engine

	325	328
Make	Kubota	Kubota
Model	D1703-EB	D1703-EB
Fuel	Diesel	Diesel
Cooling	Liquid	Liquid
Displacement	100.5 cu. in. (1.6 L)	100.5 cu. in. (1.6 L)
Horsepower	27.5 hp (20.5 Kw) @ 2200 rpm	27.5 hp (20.5 Kw) @ 2200 rpm

Performance

	325	328
Operating Weight	6145 lb. (2788 kg)	6477 lb. (2939 kg)
Maximum Travel Speed		
Low	1.2 mph (1.9 km/hr.)	1.2 mph (1.9 km/hr.)
High	1.9 mph (3.1 km/hr.)	1.9 mph (3.1 km/hr.)
Hydraulic Pump	3	3
Type	Piston/Gear	Piston/Gear
Total Capacity	17.5 gpm (66.2 L/min.)	17.5 gpm (66.2 L/min.)
Auxiliary Hydraulic Flow	12.3 gpm 46 L/min.)	12.3 gpm 46 L/min.)
Fuel Tank Capacity	14 gal. (53.3 L)	14 gal. (53.3 L)
Hydraulic Tank Capacity	4.8 gal. (18.2 L)	4.8 gal. (18.2 L)
Standard Track Shoes	Rubber	Rubber
Width	12.6 in. (320 mm)	12.6 in. (320 mm)
Ground Pressure	4.2 PSI (29 kPa)	4.2 PSI (29 kPa)

Drive

Each track is independently driven by a hydrostatic axial piston motor connected to a planetary gear reduction box.

Swing System

Swing Speed	9.2 rpm	9.2 rpm
Tail Swing Radius	47.3 in. (1200 mm)	47.3 in. (1200 mm)
Boom Swing		
Left	90°	90°
Right	50°	50°

Rated Lift Capacity

Over End, Blade Down, Maximum Radius, Ground Level	913 lb. (414 kg)	763 lb. (346 kg)
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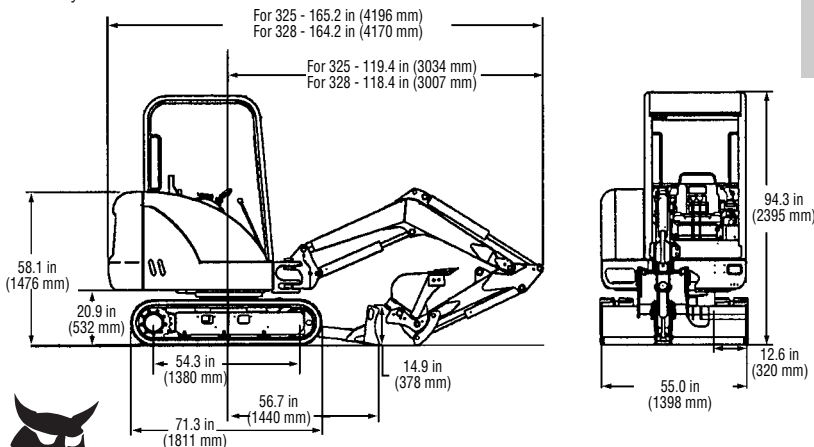
Options / Accessories

Counterweight Kit*	Lifting Chain Kit
Enclosed Cab with Heater	Long Arm Kit*
Excavator Operator Training Kit	Special Application Kit
Excavator Service Safety Training Kit	Steel Tracks

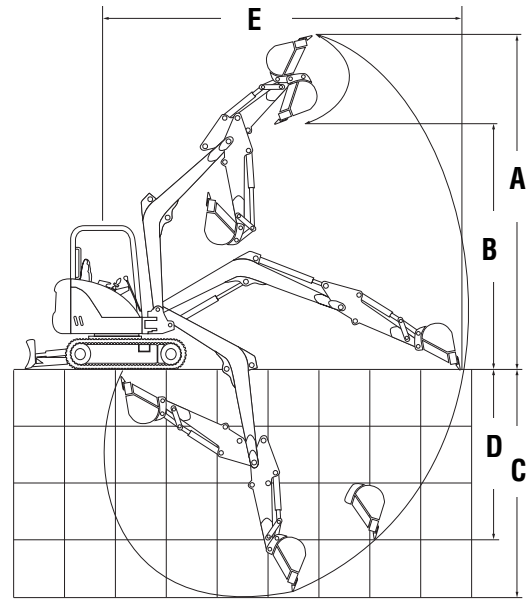
Attachments

Auger	Hydraulic Clamp	Three-tine Grapple
Breaker	Plate Compactor	Trenching Buckets
Cutter Crusher	Power Tilt™	
Grading Bucket	Ripper	

*325 Only



Working Range



	325	328
A. Max. Digging Height	160 in. (4055 mm)	167.4 in. (4251 mm)
B. Max. Dumping Height	109.4 in. (2779 mm)	116.9 in. (2968 mm)
C. Max. Digging Depth	100.6 in. (2555 mm)	112.6 in. (2859 mm)
D. Max. Vertical Wall Digging Depth	70.9 in. (1801 mm)	82.5 in. (2096 mm)
E. Max. Digging Reach At Ground Level	166.7 in. (4233 mm)	178.3 in. (4529 mm)
Arm Length	41.3 in. (1050 mm)	53.1 in. (1350 mm)
Bucket Breakout Force	4766 lbf (21200 N)	4766 lbf (21200 N)

Additional Features

- 360-degree cab rotation
- Independent boom swing
- Backfill blade
- Rubber tracks
- Low machine weight
- Easily transportable
- Hydraulic joystick control
- Dig square hole from one location
- Multi-attachment versatility
- X-Change attachment mounting system
- High-back suspension seat on 328
- Electrical accessory plug
- Beverage holder in operator area

NOTE – Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

The Bobcat Attachments Advantage: Bobcat attachments are engineered and manufactured to fit Bobcat excavators for optimum job performance, dependability and durability.

