

Bobcat E50 R2

Configuration E50 R2- Series Bobcat E50 R2- Series (LA)

Engine

Emissions Tier (EPA)	Tier 4	Tier 4
Engine Model	D18	
Engine Make	Bobcat	
Engine Fuel	Diesel	
Maximum Governed RPM	2,200 rpm	2,200 rpm
Horsepower	49.7 hp	49.7 hp
Gross HP	49.7 hp	49.7 hp
Net HP	49 hp	49 hp
Turbocharged Engine	×	×
Optional Horsepower	n/ a	
Number of Cylinders	3	

Performance

Operating Weight	11,357 lb	11,894 lb	
Weight Class	5.1 t	5.3 t	
Travel Speed - High	2.8 mph	2.8 mph	
Travel Speed - Low	1.8 mph	1.8 mph	
Arm Digging Force	6,987 lbf	5,962 lbf	
Bucket Digging Force	9,511 lbf	9,511 lbf	
Rated Lift Capacity	6746 lb	6534 lb	
Lift Radius	118	118 in	
Boom Swing - Left	75	75°	
Boom Swing - Right	50	50°	
Maximum Dig Depth	11.4 ft	12.7 ft	
Max Dump Height	13 ft	13.9 ft	
Maximum Reach at Ground Level	19.4 ft	20.6 ft	
Slew Speed	9 rp	9 rpm	
Maximum Depth of Vertical Wall	95.1 in	109.8 in	
Ground Pressure (Rubber)	4.2 psi	4.39 psi	

Capacities

Fuel Tank	19 gal
Hydraulic Reservoir	4 gal

Hydraulic System

Auxiliary Std Flow	20 gal/ min	
Auxiliary Pressure	3,045 psi 3,045 psi	
Number of Hydraulic Pumps	1	
Pump Type	Piston Pump with Load Sensing	
Pump Capacity	36.6 gal/ min	

General

Contract Codes	Excavator 316-435	
First Year of Production	2019	n/ a

Dimension

Length	208.7 in	211.3 in
Overall Length in Travel Position	208.7 in	211.3 in
Width	77.2 in	77.2 in
Height	100.2 in	100.2 in
Height with Operator Cab	100.2 in	100.2 in
Tail Overhang, Side	0.6 in	0.5 in
Blade Width	77.2 in	77.2 in
Length of track on ground	78.9 in	78.9 in

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Features

Air Conditioning	×	×
Cab Enclosure	×	×
Cab Heater	×	×
Heater Air Conditioning	×	×
Radio	×	×
Tail Swing Type	Minimal	n/ a
Engine Shutdown		
Auxiliary Hydraulics		•
Secondary Auxiliary Hydraulics	×	×
Quick Tach System	•	•
Rubber Track	•	•
Selectable Auxiliary Hydraulic Flow		
Angle Blade	×	×
Suspension Seat		•

Compatible Attachments

18" MAX XCHG GRADING 6" MAX XCHG GRADING 6" MAX ACHG GRADING 7 renching Bucket, Class 4 - 12" 7 renching Bucket, Class 4 - 12" 7 renching Bucket, Class 4 - 18" 7 renching Bucket, Class 4 - 18" 7 renching Bucket, Class 4 - 24" 7 renching Bucket, Class 4 - 24" 7 renching Bucket, Class 4 - 30" 7 renching Bucket, Class 4 - 36" 7 renching Bucket, Class 4 - 36" 8	Grapple, Three- Tine - Excavators		
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Plate Compactor Attachment	Packer Wheel		
	Packer Wheel	•	
Plate Compactor - PCF34	Plate Compactor Attachment		
	Plate Compactor - PCF34	•	•

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Trencher

Trencher, MX112

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors.

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