

Bobcat E50 R2

Configuration	E50 R2- Series Bobcat	E50 R2- Series (LA)
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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	37.1 kW	37.1 kW
Gross HP	37.06 kW (50.39 hp)	37.06 kW (50.39 hp)
Net HP	36.54 kW (49.68 hp)	36.54 kW (49.68 hp)
Turbocharged Engine	×	×
Optional Horsepower	n/ a	
Number of Cylinders	3	

Performance

Operating Weight	5151 kg	5395 kg
Weight Class	5.1 t	5.3 t
Travel Speed - High	4.5 km/ h	4.5 km/ h
Travel Speed - Low	2.9 km/ h	2.9 km/ h
Arm Digging Force	31,080 N	26,520 N
Bucket Digging Force	42,307 N	42,307 N
Rated Lift Capacity	3060 kg	2964 kg
Lift Radius	2997 mm	
Boom Swing - Left	75°	
Boom Swing - Right	50°	
Maximum Dig Depth	3.5 m	3.9 m
Max Dump Height	4 m	4.2 m
Maximum Reach at Ground Level	5.9 m	6.3 m
Slew Speed	9 rpm	
Maximum Depth of Vertical Wall	2,416 mm	2,789 mm
Ground Pressure (Rubber)	0.29 bar	0.3 bar

Capacities

Fuel Tank	71.9 l
Hydraulic Reservoir	15.1 l

Hydraulic System

Auxiliary Std Flow	75.7 l/ min	
Auxiliary Pressure	209.95 bar	209.95 bar
Number of Hydraulic Pumps	1	
Pump Type	Piston Pump with Load Sensing	
Pump Capacity	138.55 l/ min	

General

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

Dimension

Length	5301 mm	5367 mm
Overall Length in Travel Position	5301 mm	5367 mm
Width	1961 mm	1961 mm
Height	2545 mm	2545 mm
Height with Operator Cab	2545 mm	2545 mm
Tail Overhang, Side	15.24 mm	12.7 mm
Blade Width	1,961 mm	1,961 mm
Length of track on ground	2,004 mm	2,004 mm

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

Grapple, Three- Tine - Excavators		
Grapple, 3- Tined - Class IV	■	■
Buckets, Trenching X- Change - Excavator		
18" MX4 XCHG TEETH	■	■
48" MX4 XCHG GRADING	■	■
60" MX4 XCHG GRADING	■	■
Trenching Bucket, Class 4 - 12"	■	■
Trenching Bucket, Class 4 - 12"	■	■
Trenching Bucket, Class 4 - 18"	■	■
Trenching Bucket, Class 4 - 18"	■	■
Trenching Bucket, Class 4 - 24"	■	■
Trenching Bucket, Class 4 - 30"	■	■
Trenching Bucket, Class 4 - 30"	■	■
Trenching Bucket, Class 4 - 36"	■	■
Trenching Bucket, Class 4 - 36"	■	■
Trenching Bucket, Class 4 - 36"	■	■
Auger		
Auger - 15C	■	■
Auger - 30C	■	■
Auger - 30H	■	■
Auger - 35PH	■	■
Auger - 50PH	■	■
Auger Drive Unit - 15H	■	■
Clamp - Excavators		
Hydraulic Clamp, E50 - Standard Arm	■	■
Flail Mower		
Flail Mower - 40"	■	■
Grading Blade - Excavators		
Blade, X- Change Grading - 55"	■	■
Breaker		
Breaker, Nail Point - HB1180	■	■
Breaker, Nail Point - HB980	■	■
Nitrogen Breaker		
MI Breaker NB160	■	■
Packer Wheel		
Packer Wheel	■	■
Plate Compactor Attachment		
Plate Compactor - PCF34	■	■

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.