

Bobcat E42 R2

Configuration	E42 R2- Series	E42 R2 (LA)	E42 R2 (EA)
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Engine

Emissions Tier (EPA)	Tier 4	Tier 4	Tier 4
Engine Model		D18	
Engine Make		Bobcat	
Engine Fuel		Diesel	
Maximum Governed RPM	2,200 rpm	2,200 rpm	2,200 rpm
Horsepower	42.6 hp	42.6 hp	42.6 hp
Gross HP	42.6 hp	42.6 hp	42.6 hp
Net HP	42 hp	42 hp	42 hp
Turbocharged Engine	×	×	×
Optional Horsepower		n/ a	
Number of Cylinders		3	

Performance

Operating Weight	9,830 lb	10,425 lb	10,666 lb
Weight Class	4.5 t	4.2 t	4.2 t
Travel Speed - High	3.3 mph	3.3 mph	3.3 mph
Travel Speed - Low	1.6 mph	1.6 mph	1.6 mph
Arm Digging Force	5,820 lbf	5,803 lbf	5,852 lbf
Bucket Digging Force	9,601 lbf	9,601 lbf	9,601 lbf
Rated Lift Capacity	4921 lb	4797 lb	4638 lb
Lift Radius		118 in	
Boom Swing - Left		75°	
Boom Swing - Right		50°	
Maximum Dig Depth	10.4 ft	11.4 ft	12.4 ft
Max Dump Height	12.3 ft	12.9 ft	13.7 ft
Maximum Reach at Ground Level	17.3 ft	18.2 ft	19.1 ft
Slew Speed		9 rpm	
Maximum Depth of Vertical Wall	85 in	96.1 in	91 in
Ground Pressure (Rubber)	4.68 psi	4.96 psi	5.07 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	3,045 psi
Number of Hydraulic Pumps		1	
Pump Type		Piston Pump with Load Sensing	
Pump Capacity		26.2 gal/ min	

General

Contract Codes		Excavator 316-435	
First Year of Production	2020	n/ a	n/ a

Dimension

Length	200.5 in	201.7 in	201.3 in
Overall Length in Travel Position	200.5 in	201.7 in	201.3 in
Width	72.8 in	72.8 in	72.8 in
Height	99.1 in	99.1 in	99.1 in
Height with Operator Cab	99.1 in	99.1 in	99.1 in
Tail Overhang, Side	12 in	12.5 in	12.5 in
Blade Width	72.8 in	72.8 in	72.8 in
Length of track on ground	71.1 in	71.1 in	71.1 in

Features

Air Conditioning	×	×	×
Cab Enclosure	×	×	×
Cab Heater	×	×	×
Heater Air Conditioning	×	×	×
Radio	×	×	×
Tail Swing Type	Conventional	n/ a	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 3 - 12"	■	■	■
Trenching Bucket, Class 3 - 12"	■	■	■
Trenching Bucket, Class 3 - 16"	■	■	■
Trenching Bucket, Class 3 - 16"	■	■	■
Trenching Bucket, Class 3 - 18"	■	■	■
Trenching Bucket, Class 3 - 18"	■	■	■
Trenching Bucket, Class 3 - 24"	■	■	■
Trenching Bucket, Class 3 - 24"	■	■	■
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 - 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, E42 - Standard Arm Class III	■	■	■
Hydraulic Clamp, E42, E45 - Standard Arm	■	■	■
Pro Clamp, E42, E45 - 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.