

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	31.8 kW	31.8 kW	31.8 kW
Gross HP	31.77 kW (43.19 hp)	31.77 kW (43.19 hp)	31.77 kW (43.19 hp)
Net HP	31.32 kW (42.58 hp)	31.32 kW (42.58 hp)	31.32 kW (42.58 hp)
Turbocharged Engine	×	×	×
Optional Horsepower		n/ a	
Number of Cylinders		3	

Performance

Operating Weight	4459 kg	4729 kg	4838 kg
Weight Class	4.5 t	4.2 t	4.2 t
Travel Speed - High	5.3 km/ h	5.3 km/ h	5.3 km/ h
Travel Speed - Low	2.6 km/ h	2.6 km/ h	2.6 km/ h
Arm Digging Force	25,889 N	25,813 N	26,031 N
Bucket Digging Force	42,707 N	42,707 N	42,707 N
Rated Lift Capacity	2232 kg	2176 kg	2104 kg
Lift Radius		2997 mm	
Boom Swing - Left		75°	
Boom Swing - Right		50°	
Maximum Dig Depth	3.2 m	3.5 m	3.8 m
Max Dump Height	3.7 m	3.9 m	4.2 m
Maximum Reach at Ground Level	5.3 m	5.5 m	5.8 m
Slew Speed		9 rpm	
Maximum Depth of Vertical Wall	2,159 mm	2,441 mm	2,311 mm
Ground Pressure (Rubber)	0.32 bar	0.34 bar	0.35 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	209.95 bar
Number of Hydraulic Pumps		1	
Pump Type		Piston Pump with Load Sensing	
Pump Capacity		99.18 l/ min	

General

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

Dimension

Length	5093 mm	5123 mm	5113 mm
Overall Length in Travel Position	5093 mm	5123 mm	5113 mm
Width	1849 mm	1849 mm	1849 mm
Height	2517 mm	2517 mm	2517 mm
Height with Operator Cab	2517 mm	2517 mm	2517 mm
Tail Overhang, Side	304.8 mm	317.5 mm	317.5 mm
Blade Width	1,849 mm	1,849 mm	1,849 mm
Length of track on ground	1,806 mm	1,806 mm	1,806 mm

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.