MONTANA
Department of Transportation

MDT-BRG-015 04/23

Montana Department of Transportation
Bridge Bureau
Approved Construction Equipment List

Make:	*Caterpillar*
Model:	*349F*
Equipment Type:	*Excavator*
Contractor Modifications:	*None*

Interstate Approval Conditions

Approval Type	***Crossing Only***
Speed:	***10 MPH***
Weight:	***117,500 lb or less***
Traffic:	***Approved with regular traffic***
Location Restrictions:	***Remain in Painted Lane***

Non-Interstate Approval Conditions

Approval Type	***DENIED***
Speed:	***DENIED***
Weight:	***DENIED***
Traffic:	***DENIED***
Location Restrictions:	***DENIED***

Comments:

Equipment configuration, weights, and specifications on following pages. Approval does not apply to posted bridges. Other construction equipment is not allowed to operate on or cross bridge at the same time this equipment is on the bridge.

List Your Equipment / Dealer Login

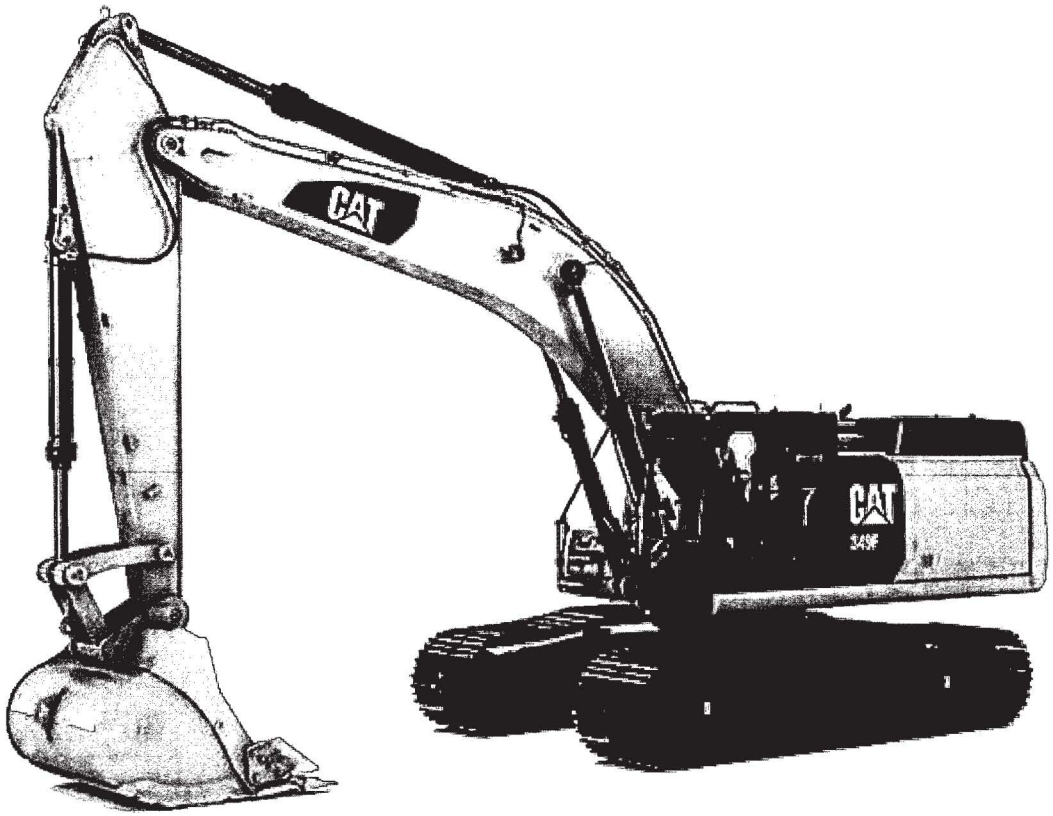
ConstructionEquipmentGuide.com

Examples: 'Bobcat Skid Steers', 'Komatsu Dealers', 'Groff Tractor', 'Cat 316', 'Todays News', 'Media Kit'... Search

ALL EQUIPMENT CATEGORY SPECS ↠ EXCAVATORS ↠ CATERPILLAR 349F

Caterpillar 349F Excavator

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CATEGORY: EXCAVATORS (See all Excavators for sale)
MANUFACTURER: CATERPILLAR (See all Caterpillar Equipment for sale)
MODEL: 349F (See all Caterpillar 349F for sale)

Boom/Stick Excavator Option 1

Max Digging Depth	26.9 ft (8 m)

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Dimensions

Ground Clearance	1.6 ft (0 m)
Height - Top of Cab	10.6 ft (3 m)
Length of Track on Ground	14.4 ft (4 m)
Removal Counterweight Clearance	4.2 ft (1 m)
Tail Swing Radius	12.4 ft (4 m)
Width to Outside of Tracks	11 ft (3 m)

DRIVE SYSTEM

Maximum Drawbar Pull	75300 lbs (34,156 kg)

Engine

Bore	5.2 in (13 cm)
Displacement	763 cu in (0 m)

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Engine Model	Cat C13 ACERT
Gross Power	432 hp (322 kw)
Gross Power - SAE J1995	432 hp (322 kw)
Net Power	396 hp (295 kw)
Net Power - SAE J1349	417 hp (311 kw)
Stroke	6.2 in (15 cm)

Hydraulic System

203	203 gal/min gal/min (768 l/min)
Boom Cylinder - Bore	6.7 in (15 cm)
Boom Cylinder - Stroke	60 in (152 cm)
Maximum Pressure - Equipment	5076 psi
Maximum Pressure - Swing	3989 psi
Maximum Pressure - Travel	5076 psi
Stick Cylinder - Bore	7.5 in (18 cm)

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Stick Cylinder - Stroke	69.3 in (175 cm)
Swing System - Maximum Flow	102 gal/min

Operating Specifications

Cooling System Fluid Capacity	13.2 gal (49 l)
Engine Oil Capacity	11.4 gal (42 l)
Fuel Capacity	190 gal (719 l)
Hydraulic System Fluid Capacity	150.6 gal (568 l)
Operating Weight	117500 lbs (53,298 kg)
Swing Drive Fluid Capacity	2.6 gal (8 l)

Service Refill Capacities

Cooling System	13.2 gal (49 l)
Final Drive - Each	4 gal (15 l)
Fuel Tank Capacity	190 gal (719 l)

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Hydraulic System - Including Tank	150.6 gal (568 l)
Hydraulic Tank	107.5 gal (405 l)
Swing Drive - Each	2.6 gal (8 l)

Standards

Brakes	ISO 10265
Cab/FOGS	SAE J1356

Swing Mechanism

Swing Speed	8.7 rpm

Undercarriage

Number of Carrier Rollers per Side	2 or 3
Number of Shoes per Side	52
Number of Track Rollers per Side	9

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