

PRODUCT SPECIFICATIONS FOR 340 LONG REACH

ENGINE

Engine Power - ISO 9249	232 kW
Engine Model	C9.3B
Engine Power - ISO 14396	234 kW
Bore	115 mm
Stroke	149 mm
Displacement	9.3 l

HYDRAULIC SYSTEM

Main System - Maximum Flow	558 l/min (147 gal/min)
Maximum Pressure - Equipment	35000 kPa
Maximum Pressure - Equipment - Lift Mode	38000 kPa
Maximum Pressure - Travel	35000 kPa
Maximum Pressure - Swing	29400 kPa

SWING MECHANISM

Swing Speed	8.75 r/min
Maximum Swing Torque	144 kN·m

WEIGHTS

Operating Weight	43900 kg
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SERVICE REFILL CAPACITIES

Fuel Tank Capacity	600 l
Cooling System	40 l
Engine Oil	32 l
Swing Drive	18 l
Final Drive - Each	8 l
Hydraulic System - Including Tank	373 l
Hydraulic Tank	161 l
DEF Tank	80 l

DIMENSIONS

Boom	LRE Boom 10.6 m (34'9")
Stick	LRE Stick 7.1 m (23'4")
Bucket	GD 0.93 m ³ (1.22 yd ³)
Shipping Height - Top of Cab	3400 mm
Handrail Height	3390 mm
Track Gauge	2930 mm
Shipping Length	15310 mm
Tail Swing Radius	3530 mm
Counterweight Clearance	1470 mm
Ground Clearance	720 mm
Track Length	5030 mm
Track Length to Center of Rollers	4040 mm
Transport Width	3670 mm

WORKING RANGES & FORCES

Maximum Digging Depth	13050 mm
Boom	10.6 m (34'9")
Stick	LRE Stick 7.1 m (23'4")
Maximum Reach at Ground Level	18080 mm
Maximum Loading Height	12770 mm
Minimum Loading Height	3210 mm
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	12960 mm
Bucket Digging Force - ISO	141 kN
Stick Digging Force - ISO	92 kN
Bucket	GD 0.93 m ³ (1.22 yd ³)
Maximum Cutting Height	15620 mm

340 LONG REACH STANDARD EQUIPMENT

NOTE:

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

CAB

ROPS, standard sound suppression

High-resolution 254 mm (10") LCD touch screen monitor

Heated seat with air-adjustable suspension

ENGINE

Three selectable modes: Power, Smart, Eco

Automatic engine speed control

2300 m (7,546 ft) altitude capability with no engine power de-rating

52❖ C (126❖ F) high-ambient cooling capacity

-18❖ C (0❖ F) cold start capability

Double element air filter with integrated pre-cleaner

Remote disable

Biodiesel capability up to B20

HYDRAULIC SYSTEM

Boom and stick regeneration circuit

Electronic main control valve

Heavy lift mode

Automatic hydraulic oil warm up

Reverse swing damping valve

Automatic swing parking brake

High performance hydraulic return filter

Two speed travel

Bio hydraulic oil capability

UNDERCARRIAGE AND STRUCTURES

Heavy Duty High Wide undercarriage

Towing eye on baseframe

7.1 m (23'4") LRE stick

BOOM AND STICK

10.6 m (34'9") LRE boom

7.1 m (23'4") LRE stick

ELECTRICAL SYSTEM

Maintenance-free 1,000 CCA batteries (x2)

Centralized electrical disconnect switch

LED chassis light

CAT TECHNOLOGY

Cat Product Link

Cat GRADE with 2D

Cat GRADE with Assist

Cat PAYLOAD

2D E-Fence

SERVICE AND MAINTENANCE

Grouped location of engine oil & fuel filters

Scheduled Oil Sampling (S.O.S) ports

SAFETY AND SECURITY

Standard visibility mirror package

Caterpillar One Key security system

Lockable external tool / storage box

Lockable door, fuel and hydraulic tank locks

Lockable fuel drain compartment

Service platform with anti-skid plate and recessed bolts

RH handrail and hand hold (ISO 2867 Compliant)

Signaling / warning horn

Ground-level secondary engine shutoff switch

340 LONG REACH OPTIONAL EQUIPMENT

ENGINE

-32❖ C (-25❖ F) cold start capability

Cold start block heaters

Automatic reverse fan

HYDRAULIC SYSTEM

Smart Boom

Combined two-way auxiliary circuit with direct return

Medium-pressure auxiliary circuit

Cooling circuit

Quick coupler circuit for Cat Pin Grabber and CW Dedicated

UNDERCARRIAGE AND STRUCTURES

600mm (24") HD triple grouser track shoes

700mm (28") triple grouser track shoes

850mm (33") HD triple grouser track shoes

CAT TECHNOLOGY

Cat GRADE with Advanced 2D

Cat GRADE with 3D

SERVICE AND MAINTENANCE

Preventative maintenance ready (Quick Evac TM)

Electric refueling pump with automatic shutoff

SAFETY AND SECURITY

Rear and sideview cameras

Boom lowering check valve

Stick lowering check valve

360 Visibility

Cat asset tracker