

PRODUCT SPECIFICATIONS FOR 352 UHD

ENGINE

Engine Model	Cat C13
Engine Power - ISO 14396	425 HP
Bore	5 in
Stroke	6 in
Displacement	763 in ³

HYDRAULIC SYSTEM

Main System - Maximum Flow	779 l/min (206 gal/min)
Maximum Pressure - Equipment	5076 psi
Maximum Pressure - Equipment - Lift Mode	5511 psi
Maximum Pressure - Travel	5076 psi
Maximum Pressure - Swing	3771 psi

SWING MECHANISM - UHD FRONTS

Swing Speed	4.22 r/min
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SWING MECHANISM

Swing Speed	8.44 r/min
Maximum Swing Torque	138000 ft·lbf

WEIGHTS

Operating Weight	151483 lb
Note (1)	Operating Weight includes Cat MP332 Multiprocessor with Demolition Jaws
Machine Weight - UHD Configuration	143300 lb
Note (2)	UHD Front and Counterweight, No Work Tool
Machine Weight - Retrofit Configuration	139300 lb
Note (3)	Retrofit boom and R3.35 M TB Stick (11') and 2.41 M3 (3.15 yd3)HD bucket
UHD in Cradle	26000 lb
Retrofit Boom in Cradle – R3.35 TB Stick	15700 lb
Retrofit Boom in Cradle – R2.9 TB Stick	15460 lb

SERVICE REFILL CAPACITIES

Fuel Tank Capacity	188.9 gal (US)
Cooling System	13.7 gal (US)
Engine Oil	10.6 gal (US)
Swing Drive - Each	10.6 gal (US)
Final Drive - Each	4 gal (US)
Hydraulic System - Including Tank	145.3 gal (US)
Hydraulic Tank	57.3 gal (US)
DEF Tank	12.2 gal (US)

DIMENSIONS

Note (1)	UHD Front
Shipping Height - Top of Cab	11.75 ft
Shipping Length	61.75 ft

Shipping Length	31.75 ft
Tail Swing Radius	13.33 ft
Counterweight Clearance	4.66 ft
Ground Clearance	1.66 ft
Track Length	18.9 ft
Track Length to Center of Rollers	15.6 ft
Track Gauge	9.3 ft
Working Gauge - Extended Position	11.1 ft
Shipping Gauge - Retracted Position	7.8 ft
Transport Width	9.83 ft
Machine Length – without Front, with Counterweight	25.42 ft
Machine Length – without Front and Counterweight	24.92 ft
Cab Height - With FOGS	11.75 ft
Track Width - Extended	13.08 ft
Track Width - Retracted	9.83 ft
Note (2)	600 mm (24") Track Shoe

WORKING RANGES AND FORCES

Maximum Pin Height at Stick Nose	90.75 ft
Maximum Weight at Stick Nose	8157 lb
Maximum Working Pin Height at Stick Nose - 1/2	75.2 ft
Maximum Working Reach at Stick Nose - 1/2	45.4 ft
Maximum Height at Stick Nose in Max Reach Position	52.8 ft
Maximum Reach at Stick Nose	51.7 ft
Note (1)	28 m (91' 10") UHD Front Over-the-Front

WORKING RANGES AND FORCES - RETROFIT BOOM - STRAIGHT

Note 1	Straight - R3.35 m Stick (11'0") Over-the-Front
Maximum Pin Height at Stick Nose	39.8 ft
Maximum Weight at Stick Nose	13190 lb
Maximum Height at Stick Nose in Max Reach Position	7.7 ft
Maximum Reach at Stick Nose	36.5 ft
Bucket	3.08 M3 (4.08 yd3) General Duty
Maximum Digging Depth	16.9 ft
Maximum Reach - Ground Level	41.9 ft
Maximum Loading Height	33.6 ft
Minimum Loading Height	15 ft
Bucket Digging Force - ISO	60250 lbf
Stick Digging Force - ISO	44740 lbf

WORKING RANGES AND FORCES - RETROFIT BOOM - BENT

Note 1	Bent - R3.35 m TB Stick (11'0") Over-the-Front
Bucket	3.08 M3 (4.08 yd3) General Duty
Maximum Digging Depth	21.8 ft
Maximum Reach - Ground Level	38.9 ft
Maximum Cutting Height	35 ft
Minimum Loading Height	10 ft
Maximum Loading Height	24.6 ft
Bucket Digging Force - ISO	60250 lbf
Stick digging Force - ISO	44740 lbf

352 UHD STANDARD EQUIPMENT

CAB

FOGS guarding

High resolution touchscreen monitor

Tilt-up demolition cab with P5A 10 mm laminated front and roof glass

Premium heated and cooled automatically adjustable suspension seat

Tilt-up left console for easy ingress/egress

Windshield and roof parallel wiper with intermittent settings

ENGINE

Cat C13 diesel engine

Meets U.S. EPA Tier 4 Final or EU Stage V and Japan 2014 emissions standards

Three selectable modes: Power, Smart, ECO

Automatic engine speed control

Up to 4500 m (14,760 ft) altitude capability

52° C (126° F) high-ambient cooling

-18° C (0° F) cold start capability

Double element air filter with integrated precleaner

Remote disable

Biodiesel capability up to B20

HYDRAULIC SYSTEM

Boom and stick regeneration circuit

Electronic main control valve

Automatic hydraulic oil warmup

Automatic swing parking brake

High Performance hydraulic return filter

Two-speed travel

Bio hydraulic oil capability

UNDERCARRIAGE AND STRUCTURES

Long hydraulic Variable Gauge (VG) undercarriage

Towing eye on base frame

BOOMS AND STICKS

28 m (91 ft 10 in) UHD front with worktool camera and water spray

Advanced tool control, UHD

ELECTRICAL

Maintenance-free 1,000 CCA batteries (x 4)

Centralized electrical disconnect switch

LED lights

CAT TECHNOLOGY

Cat Product Link

Stability monitoring system for UHD

Electronic pitch and roll indicator

Swing 2D E-Fence

Travel direction indicator

Operator coaching

Electronic joystick pattern changer

Remote services capability

SERVICE AND MAINTENANCE

Grouped location of engine oil and fuel filters

Scheduled Oil Sampling (S·O·S) ports

SAFETY AND SECURITY

Cat One Key security system

Lockable external tool/storage box

Lockable door, fuel, and hydraulic tanks

Lockable fuel drain compartment

Service platform with anti-skid plate and recessed bolts

Rear and right-hand side cameras

352 UHD OPTIONAL EQUIPMENT

ENGINE

-32° C (-25° F) cold start capability

Cold start block heaters

Ether starting aid

HYDRAULIC SYSTEM

Boom lowering check valve (BLCV) for UHD front

Stick lower check valve (SLCV) for UHD front

SmartBoom with BLCV and Overload Warning Device for UHD front

Combined two-way auxiliary circuits

High and medium-pressure auxiliary circuits

Quick coupler circuit

Fine swing

UNDERCARRIAGE AND STRUCTURES

600 mm triple grouser track shoes

700 mm triple grouser track shoes

BOOMS AND STICKS

9.1 m (29 ft 9 in) Retrofit boom

R2.9 m (9 ft 5 in) TB Retrofit stick

R3.35 m (11 ft 0 in) TB Retrofit stick

DB linkage with lifting eye

Cradle for UHD front parts

Cradle for Retrofit front parts

SERVICE AND MAINTENANCE

QuickEvav maintenance ready

Electric refueling pump with automatic shutoff