# 374D L
## Hydraulic Excavators




| Engine | |
|---|---|
| Engine Model | Cat® C15 ACERT® (ATAAC) |
| Net Power – ISO 9249 | 355 kW (476 hp) |
| Net Power – SAE J1349 | 355 kW (476 hp) |

| Weights | |
|---|---|
| Operating Weight – Long Undercarriage | |
| Minimum – Reach Configuration | 70 959 kg |
| Maximum – Mass Configuration | 75 596 kg |

| Drive | |
|---|---|
| Maximum Travel Speed | 4.1 km/h |
| Maximum Drawbar Pull – Long Undercarriage | 492.5 kN |

**374D L Features**

**Performance**
*High level of sustained production, improved quarry, heavy construction, demolition and trenching/pipelaying performance, improved reliability and durability increase your productivity and lower your operating costs.*

**Engine**
*The Cat® C15 engine uses ACERT® Technology to meet EU Stage IIIA emission regulations, with exceptional performance capabilities and proven reliability.*

**Operator Station**
*Superior cab comfort and visibility provide and excellent working environment. The monitor is a full-color, graphical display with enhanced functionality to provide a simple, comprehensive machine interface.*

**Maximum Versatility**
*A variety of work tools, including buckets, are available for applications such as demolition, site clean-up, scrap processing, breaking up road surfaces and bedrock through Cat® Work Tools.*

**Service and Maintenance**
*Fast, easy service has been designed in with long service intervals, advanced filtration, convenient filter access and user-friendly electronic diagnostics for increased productivity and reduced maintenance costs.*

## Contents


Hydraulics .....3
Operator Station .....4
Engine .....5
Control System .....6
Structures .....7
Undercarriage .....8
Front Linkage .....9
SmartBoom .....10
Buckets and Teeth .....11
Work Tools .....12
Environment .....13
Service and Maintenance .....14
Complete Customer Support .....15
374D L Hydraulic Excavator Specifications .....16
374D L Standard Equipment .....24
374D L Optional Equipment .....25
Notes .....26





**The 374D L Series Excavator has durability, impressive stability and digging force, comfortable operation station, simplified service and improved hydraulic efficiency to increase your productivity and lower operating costs.**

# Hydraulics

## Cat hydraulics deliver power and precise control to keep material moving



### Main Pumps

- The hydraulic system includes two large, heavy-duty main pumps and a separate swing pump to provide quick cycle time and easier controllability during multi-function operation.
- In case the main pumps reach relief pressure, the High Pressure Cut-off System automatically destrokes the pumps to reduce energy waste and, therefore, improve fuel consumption.
- Controller reduces pump output to save energy when joysticks are in neutral position.

### Proportional Priority Pressure Compensation (PPPC) Hydraulics

#### Main Valve

Load sensing, Proportional Priority Pressure Compensation (PPPC) allows the operator to control the cylinder speed directly related to operator's movement of joystick and not dependent on load for an easier control.

Caterpillar developed electronic actuation and offers three predefined modes activated through a switch (Soft, Normal and Quick) to match operator preference and application needs.

#### Electrical Regeneration Valve

A hydraulically-operated stick regeneration circuit saves energy and improves multi-function performance during stick-in operation. The boom regeneration circuit is operated electronically, managed by the controller of the machine. The system improves cycle times and fuel efficiency, increasing your productivity and reducing operating costs.

### Reverse Swing Dampening Valve

Swing dampening valves reduce swing wag and produce smooth swing stops.

### Advanced Features

The following are hydraulic system features of the 374D L.

- The electric re-generation system is incorporated into the hydraulic system to improve productivity and lower fuel consumption.
- The main pump flow has increased 10 percent to provide shorter cycle times.
- The main implement pressure has been increased 9 percent. This also provides shorter cycle times with higher digging forces, increased bucket fill factors.
- Stick cylinder diameter for mass and reach configurations has been increased along with the bucket cylinder diameter on the reach stick. These increases produce 17 percent higher digging forces.

# Operator Station

## 374D L is designed for simple, easy operation and comfort



### Cab Design

The spacious cab provides visibility and ergonomics. The monitor is a full-color graphical display to provide the operator with easy-to-read, comprehensive machine information. The cab provides a comfortable environment for the operator.

### Hydraulic Activation Control Lever

The hydraulic activation control lever deactivates hydraulic functions during engine start-up and prevents unintentional machine operation.

### Cab Exterior

Utilizes thick steel tubing along the bottom perimeter of the cab, improving the resistance to fatigue and vibration. The cab structure allows the FOGS to be bolted directly to the cab, at the factory or as an attachment.

### Cab Mounts

The cab shell is attached to the frame with viscous rubber cab mounts, which dampen vibrations and sound levels while enhancing operator comfort.

### Additional Features

The 374D L operator station has many features for operator comfort.

- Premium air suspension, heated seats with adjustable height consoles.
- A rear view camera is standard in Europe. The monitor functions as the display screen for the camera, providing added safety for the operator and surrounding work area.
- HID (High Intensity Discharge) lights are available as an attachment with time delay for the boom and cab lights.
- A two-way radio ready option is available.
- Automatic climate control for the air conditioner, heater and defroster.
- Fuel consumption can be displayed numerically on the monitor.





# Engine

## ACERT® Technology optimizes engine performance

### Cat® C15 Engine

The Cat C15 engine with mechanically actuated electronic fuel injection (MEUI) powers the 374D L. The C15 has ACERT® Technology which provides advanced electronic control, precision fuel delivery and refined air management compliance.

### Increased Power

The maximum power is 355 kW (476 hp), 18 percent more power than the 365C. The Power Management System (PMS) is also available to manage productivity and fuel economy.

### Improved Fuel Efficiency

The 374D L fuel maps provide additional power and performance with optimized fuel consumption through flexible power settings incorporated into ADEM™ controller.

### Improved Reliability

The titanium-aluminum alloy rotor in the turbocharger improves reliability/durability and contributes to faster response of the turbocharger.

### Hydraulic Cooling Fan

The 374D L uses a variable speed, hydraulically-driven fan for quieter operation and reduced fuel consumption during cooler ambient conditions.

### Reversible Fan

A reversible fan option is offered as an attachment. The reverse function is operated through the monitor. By selecting this function, the fan rotates in the opposite direction for a preset time to help clean the cooling package for increased uptime and reduced service cost.

# Control System

## Electronic management




### Monitor Display Screen

The monitor is a full color, 400 × 234 pixels Liquid Crystal Display (LCD). A master caution lamp blinks ON and OFF when one of the critical conditions below occurs:

- Engine oil pressure low
- Coolant temperature high
- Hydraulic oil temperature high

Under normal conditions or the default condition, the monitor display screen is divided into four areas: clock and throttle dial, gauge, event display and multi-information display.

### Gauge Display

Three analog gauges, fuel level, hydraulic oil temperature and coolant temperature are displayed in this area.

### Electronic Joysticks

Electronic joysticks provide features not possible with hydraulic pilot valves:

- Eliminate pilot lines in cab for quieter operation
- Simple pattern change through the monitor

### Operator Gain/Response

This is used to suit the operator preference or application.

- Quicker for fast response
- Slower, for more precision
- Contains three preset settings with 21 available

### Tool Control

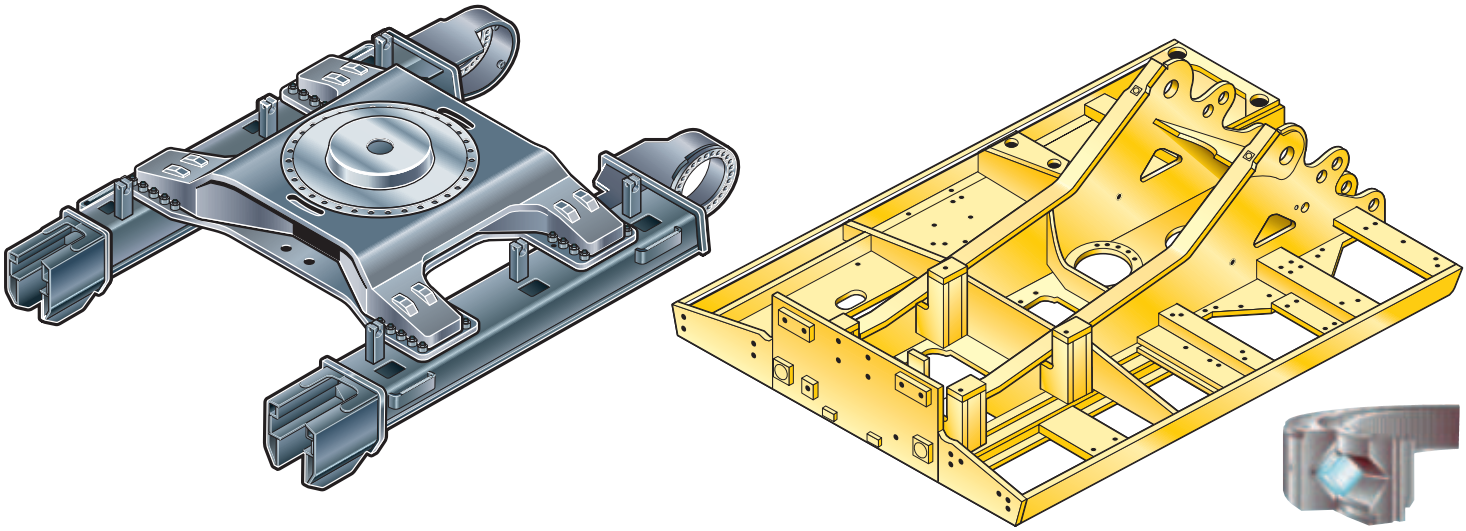
The unique Cat control system optimizes work tool performance and makes changeovers quick and easy. Operators can select from up to 10 pre-programmable settings from the monitor.

### Alternator

The alternator is 24 volt with 75 amp capacity and is driven by a serpentine belt off the front pulley. A snorkel pulls cool, clean air from the outside for increased service life.

### Product Link

Product Link is standard on the 374D L. Product Link transmits diagnostic information from the machine back to Caterpillar, Cat dealers and customers.



# Structures

## Rugged structures designed for maximum durability

### Variable Gauge Undercarriage

The long variable gauge undercarriage is standard, providing a wide, stable base for operating, or a narrow gauge for reduced shipping width. The undercarriage gauge in working position has been increased by 160 mm for improved stability.

### Upper Frame

The upper frame is designed for maximum durability and efficient use of materials. The boomfoot, skirt and counterweight mounting area have been strengthened for longer service life and increased durability.

- Outer frame utilizes curved side rails, which are die-formed for excellent uniformity and strength through the length
- Box section channels improve upper frame rigidity under the cab
- Boom tower and one piece main rails are constructed of solid, high-tensile strength steel plates

### Catwalk

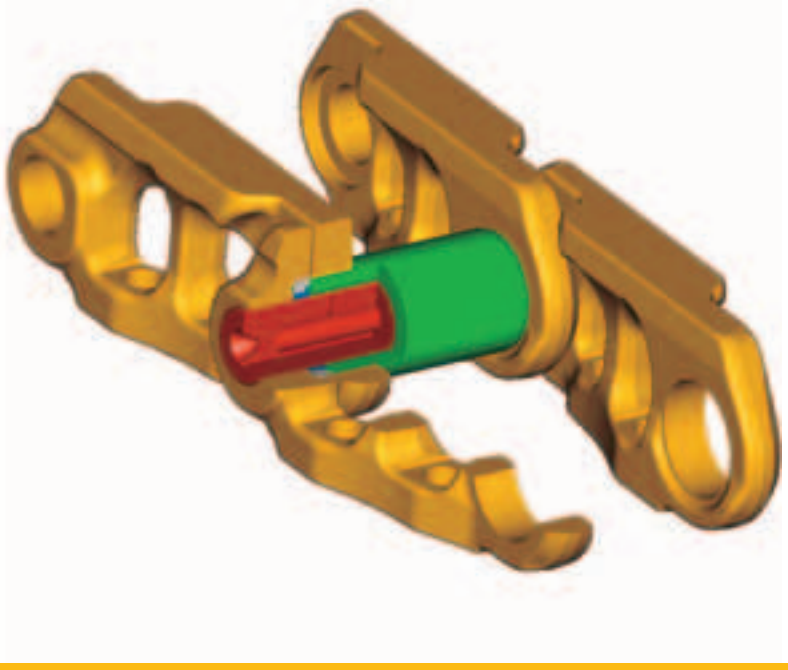
The catwalk width has been extended to 500 mm (+28 percent wider than the 365C L). Catwalks are provided on both sides of the skirt for easy access of the maintenance points. Slip resistant plates are used on the full length of the catwalks.

### Cross Roller Bearing

The 374D L swing bearing is a cross roller type, with 54 mm diameter rollers. The cross rollers have a much greater contact area than ball bearing, providing increased stability and longer life.

### Track Roller Frames

The track roller frame is made of thick, steel plate that is bent into a U-shape and welded to the bottom plate to create a box structure. The box structure design provides increased rigidity and impact resistance.







# Undercarriage

## The link that transmits the reaction forces from digging to the ground

### Undercarriage

The undercarriage supports the swing bearing and upper structure and is the link that transmits the reaction forces from digging to the ground. The strength of the undercarriage plays a major factor in machine stability and durability.

### Track Roller Frame

The track roller frame has been improved by installing a longer stroke recoil spring and lowering the front idler. The longer recoil spring improves durability and service life of the undercarriage while the offset idler increases the stability of the machine while working over the front.

### Positive Pin Retention 2 (PPR2)

Track links with the PPR2 are provided as standard on the 374D L. The PPR2 track link is designed to prevent looseness of the track pin in the track link and to reduce stress concentrations. The PPR2 system eliminates pin walking for increased service life.

### Carrier Rollers

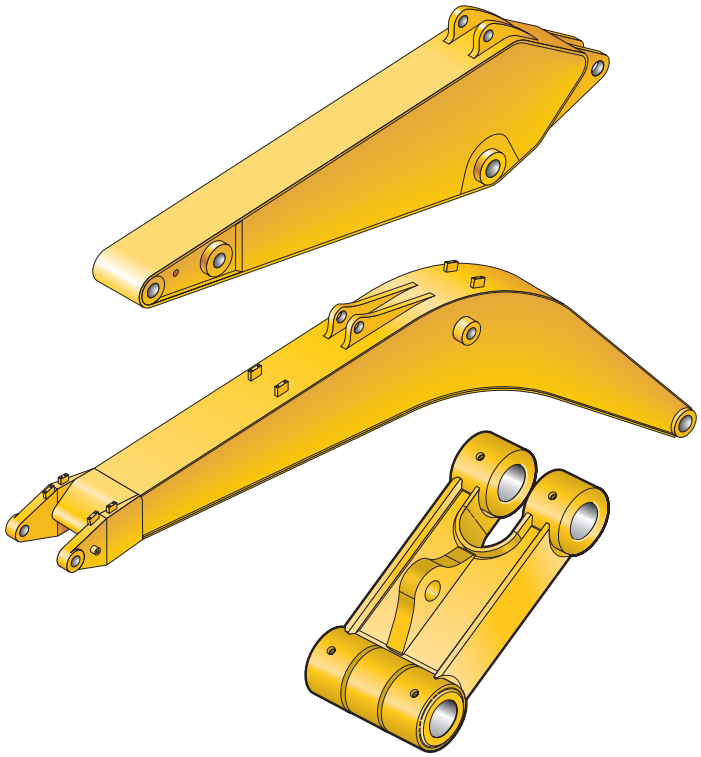
The carrier rollers use a floating “Duo-Cone” seal. The Duo-Cone seal protects the moving parts in the carrier roller from water and dirt, and makes lubrication maintenance-free.

### Forged Idler

The more durable forged idler is standard on the 374D L.

# Front Linkage

## Designed for flexibility and high productivity



### Front Linkage

Cat excavator booms and sticks are built for performance and long service life.

- Castings and forgings are used at high stress areas such as boom nose, boom foot, boom cylinder and stick foot.
- All booms and sticks are stress-relieved for optimal life and durability, while minimizing weight for improved performance.
- All booms and sticks are ultrasonic inspected.

### Bucket Linkage

Two bucket linkages are available for the 374D L. Both linkages are available with or without a lifting eye on the power link.

- The VB2 bucket linkage is for use with the reach sticks and VB2-family buckets
- The WB2 bucket linkage is for use with the mass sticks and WB2-family buckets

### Boom Construction

374D L booms feature a large cross-section to improve strength and reduce weight. Baffle plates reinforce the boom interior for higher rigidity. Booms are designed for strength and maximum payload.

### Stick Construction

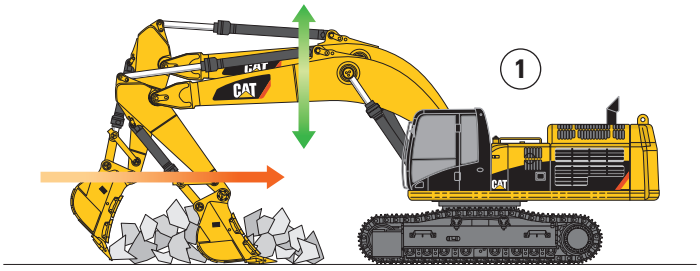
Sticks are made of high-tensile strength steel in a box-section design, making them strong and light. All sticks are reinforced with a thick baffle plate for added rigidity. The connection between stick and boom is made of forged steel, and a thick steel plate is used at the bucket connecting location for increased strength and rigidity at load-bearing points. An additional wear plate is added to the working side of the stick for protection. All mass sticks include additional wear bars on the working side to protect the structure during operation. There are four reach sticks and two mass sticks available to meet your application needs.

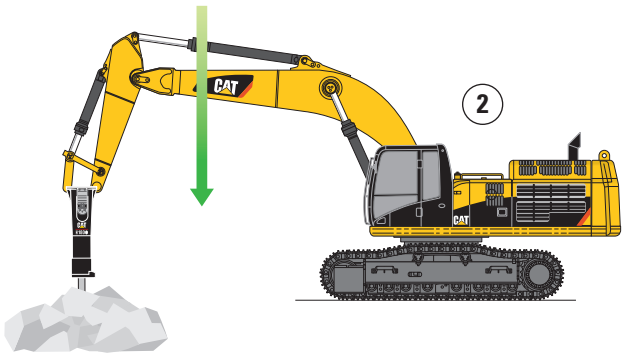
### Linkage Pins

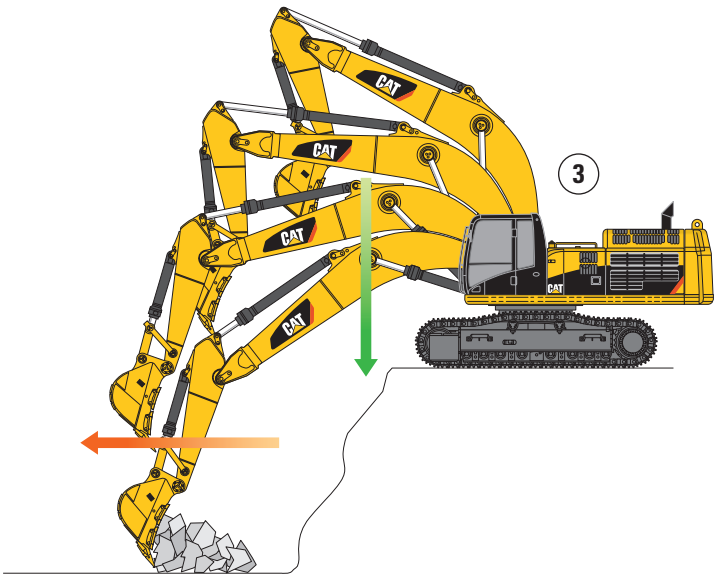
Bucket cylinder pin and idler to stick pin diameter for the reach boom have been increased. The pins have thick chrome plating for high wear resistance long life.

# SmartBoom

## Reduces stress and vibrations transmitted to the machine




### Rock Scraping (1)

Scraping rock and finishing work is easy and fast. SmartBoom simplifies the task and allows the operator to fully concentrate on stick and bucket, while boom freely goes up and down without using pump flow.

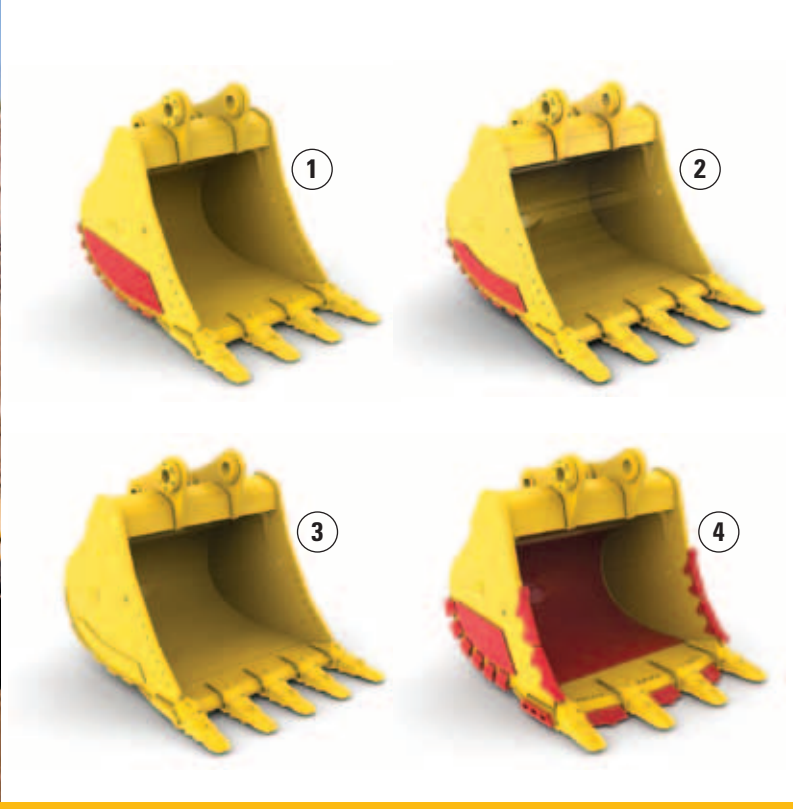
### Hammer Work (2)

It has never been this productive and operator-friendly. The front parts automatically follow the hammer while penetrating the rock. Blank shots or excessive force on the hammer are avoided resulting in longer life for the hammer and the machine. Similar advantages are applicable when using vibratory plates.

### Truck Loading (3)

Loading trucks from a bench is more productive and more fuel efficient as the return cycle is reduced while the boom down function does not require pump flow.






# Buckets and Teeth

## Designed and built for total system performance

### Optimized Package

Caterpillar offers a wide range of buckets, each designed and field tested to function as an integral part of your excavator. All Cat Buckets feature K Series™ GET (Ground Engaging Tools). Buckets are available in four levels of durability and are built to take full advantage of the machine's power.

### General Duty (GD)

General Duty buckets are designed for use in low impact, lower abrasion materials such as dirt, loam and mixed compositions of dirt and fine gravel.

### Heavy Duty (HD)

Heavy Duty buckets are the most popular and a good "centerline" choice. This bucket style is a good starting point when application conditions are not known. Heavy Duty buckets are designed for a wide range of impact and abrasion conditions including mixed dirt, clay and rock.

### Severe Duty (SD)

Severe Duty buckets are designed for higher abrasion conditions such as shot granite. When compared to the Heavy Duty bucket, wear bars and wear plates are substantially thicker and larger for added protection.

### Extreme Duty (XD)

Extreme Duty buckets are designed for very high abrasion conditions such as granite quarries. Corner shrouds have been added and side wear plates are larger for added protection.

*1) Severe Duty 2) Heavy Duty 3) General Duty 4) Extreme Duty*

# Work Tools

## Solutions for your business



### Increase Machine Versatility

The Cat combination of machine and tool provides a total solution for just about any application. Work tools can be mounted directly to the machine or a quick coupler can be added, making it quick and easy to release one work tool and pick up another.

### Quick Couplers

Cat quick couplers enable the operator to simply release one work tool and pick up another. Your hydraulic excavator becomes highly versatile. The dedicated CW-Series quick coupler enables a quick tool exchange while maintaining top machine performance. A lifting hook is added for maximum lift capacity.

### Work Tools

An extensive range of Cat Work Tools for the 374D L includes buckets, hammers, grapples, shears, multi-processors and rippers. Each are designed to optimize the versatility and performance of your machine. Cat Work Tools and couplers are ready to work in a variety of applications, such as site and structure demolition, debris clean-up, truck loading, scrap processing, breaking road surfaces and bed rock.

### Hydraulic Kits

Caterpillar offers field-installed hydraulic kits designed to simplify the process of ordering and installing the right kit. Modular kit designs integrate Cat Work Tools with Cat Hydraulic Excavators. Every kit is easy to install. Hoses are pre-made, tubes are pre-bent and pre-painted and there are comprehensive instructions.






# Environment

## 374D L meets a wide range of environmental requirements

### Emissions

ACERT® Technology is a differentiated technology that reduces emissions at the point of combustion. The technology capitalizes on proven Caterpillar leadership in three core engine systems: fuel, air and electronics.

### Electro Magnetic Compliance

The 374D L meets the following EMC (Electro Magnetic Compliance) requirements:

- ISO 13766 Earth Moving Machinery – Electromagnetic compliance
- EU Directive 89/336/EEC
- Aus EMC Framework

### Fluid Management

Several serviceability elements are designed into the 374D L to limit fluid spillage while performing routine maintenance.

### Ecology Drains

Ecology drains are provided for the fuel and hydraulic tanks, allowing fluids to be captured in a container when draining the tanks.

# Service and Maintenance

## Fast, easy service has been designed into the 374D L






### Service Intervals

Long service intervals reduce maintenance costs. Engine oil, oil filter and fuel filters are at 500 hours.

### Oil Sample and Pressure Ports

Oil sample and pressure ports provide easy checking of machine condition and are standard on every machine.

### Hydraulic Capsule Filters

The return filters or capsule filters for the hydraulic system are located beside the hydraulic tank. The filter elements are removable without spilling hydraulic oil.

### Service Points

Service points are centrally located with easy access to facilitate routine maintenance.

### Pilot Hydraulic System Filter

Pilot hydraulic system filter keeps contaminants from the pilot system and is located in the pump compartment.

### Remote Greasing Block

A concentrated remote greasing block on the boom delivers grease to hard-to-reach locations.

### Radial Seal Cleaner

Radial seal main air cleaner with precleaner has a double-layered filter element for more efficient filtration. No tools are required to change the element.

### Fuel-Water Separator

The water separator removes water from fuel, even when under pressure, and the water level can be monitored in the cab.




# Complete Customer Support

## Cat dealer services help you operate longer with lower costs

**Product Support**

Cat dealers utilize a worldwide computer parts network to minimize machine downtime. Save money with Cat remanufactured components.

**Machine Selection**

Make detailed comparisons of machines you are considering. What are job requirements and machine attachments? What production is needed? Your Cat dealer can provide recommendations.

**Purchase**

Consider financing options and day-to-day operating costs. Look at dealer services that can be included in the machine's cost to yield lower owning and operating costs over time.

**Customer Support Agreements**

Cat dealers offer a variety of product support agreements and work with you to develop a plan to meet specific needs. These plans can cover the entire machine, including attachments, to help protect your investment.

**Operation**

Improving operating techniques can boost your profits. Your Cat dealer has videos, literature and other ideas to help you increase productivity, and Caterpillar offers certified operator training to help maximize the return on your investment.

**Maintenance Services**

Repair option programs guarantee repair costs up front. Diagnostic programs such as Scheduled Oil Sampling, Coolant Sampling and Technical Analysis help you avoid unscheduled repairs.

**Replacement**

Repair, rebuild or replace? Your Cat dealer can help you evaluate the cost involved so you can make the right choice.

# 374D L Hydraulic Excavator Specifications

## Engine

| | |
|---|---|
| Engine Model | Cat® C15 ACERT® (ATAAC) |
| Net Flywheel Power | 355 kW (476 hp) |
| Net Power – ISO 9249 | 355 kW (476 hp) |
| Net Power – SAE J1349 | 355 kW (476 hp) |
| Net Power – EEC 80/1269 | 355 kW (476 hp) |
| Bore | 137 mm |
| Stroke | 171 mm |
| Displacement | 15.2 L |

- The 374D L meets EU Stage IIIA or Stage II emission requirements.
- No engine power derating required below 2300 m altitude.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.

## Weights

| | |
|---|---|
| Operating Weight – Long Undercarriage | 73 695 kg |

- Mass Boom, M2.57 stick, bucket 4.6 $m^3$ and 650 mm shoes.

## Track

| | |
|---|---|
| Optional for Long Undercarriage | 900 mm |
| Optional for Long Undercarriage | 750 mm |
| Optional for Long Undercarriage | 650 mm |
| Number of Shoes Each Side – Standard Undercarriage | 47 |
| Number of Track Rollers Each Side – Long Undercarriage | 8 |
| Number of Carrier Rollers Each Side | 3 |

## Swing Mechanism

| | |
|---|---|
| Swing Speed | 6.4 rpm |
| Swing Torque | 214.8 kN·m |

## Drive

| | |
|---|---|
| Maximum Travel Speed | 4.1 km/h |
| Maximum Drawbar Pull | 492.5 kN |

## Hydraulic System

| | |
|---|---|
| Main System – Maximum Flow (Total) | 880 L/min |
| Swing System – Maximum Flow | 360 L/min |
| Maximum Pressure – Equipment – Normal | 35 000 kPa |
| Maximum Pressure – Travel | 35 000 kPa |
| Maximum Pressure – Swing | 29 400 kPa |
| Pilot System – Maximum Flow | 880 L/min |
| Pilot System – Maximum Pressure | 4120 kPa |
| Boom Cylinder – Bore | 190 mm |
| Boom Cylinder – Stroke | 1792 mm |
| Stick Cylinder – Bore | 210 mm |
| Stick Cylinder – Stroke | 2118 mm |
| VB2-Family Bucket Cylinder – Bore | 190 mm |
| VB2-Family Bucket Cylinder – Stroke | 1443 mm |
| WB2-Family Bucket Cylinder – Bore | 200 mm |
| WB2-Family Bucket Cylinder – Stroke | 1457 mm |

## Service Refill Capacities

| | |
|---|---|
| Fuel Tank Capacity | 935 L |
| Cooling System | 95 L |
| Engine Oil | 65 L |
| Swing Drive (each) | 12 L |
| Final Drive (each) | 15 L |
| Hydraulic System (including tank) | 670 L |
| Hydraulic Tank | 310 L |

## Sound Performance

| | |
|---|---|
| Performance | Meets specified standards |

- Operator Sound – The operator sound level measured according to the procedures specified in ISO 6394:1998 is 76 dB(A), for cab offered by Caterpillar, when properly installed and maintained and tested with doors and windows closed.
- Exterior Sound – The labeled spectator sound power level measured according to the test procedures and conditions specified in 2000/14/EC is 107 dB(A).
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained for doors/windows open) for extended periods or in a noisy environment.

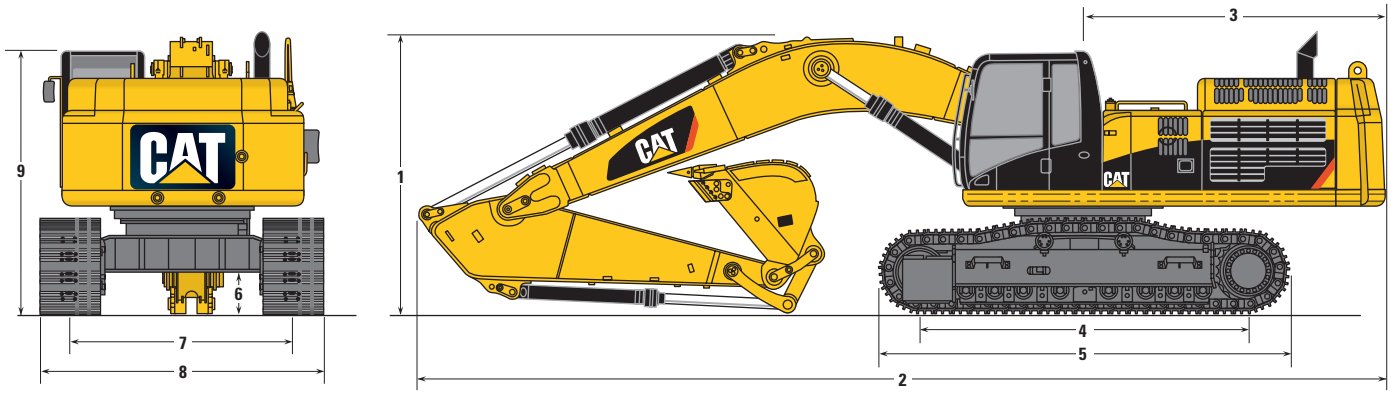
## Standards

| | |
|---|---|
| Brakes | SAE J1026 APR90 |
| Cab/FOGS | SAE J1356 FEB88, ISO 10262 |

- ISO 10262 OPS, front and top
- ISO J1356 FOGS, front and top

## Dimensions

All dimensions are approximate




| | | Reach Boom 7.8 m | | | | Mass Boom 7.0 m | |
|---|---|---|---|---|---|---|---|
| | **Stick** | **R4.67 m** | **R4.15 m** | **R3.6 m** | **R2.84 m** | **M3.0 m** | **M2.57 m** |
| **1** | Shipping Height | 4950 mm | 4620 mm | 4480 mm | 4250 mm | 4700 mm | 4610 mm |
| **2** | Shipping Length | 13 230 mm | 13 310 mm | 13 320 mm | 13 430 mm | 12 630 mm | 12 670 mm |
| **3** | Tail Swing Radius | 4015 mm | 4015 mm | 4015 mm | 4015 mm | 4015 mm | 4015 mm |
| **4** | Length to Center of Rollers | 4705 mm | 4705 mm | 4705 mm | 4705 mm | 4705 mm | 4705 mm |
| **5** | Track Length | 5870 mm | 5870 mm | 5870 mm | 5870 mm | 5870 mm | 5870 mm |
| **6** | Ground Clearance | 840 mm | 840 mm | 840 mm | 840 mm | 840 mm | 840 mm |
| **7** | Track Gauge (Shipping)* | 2750 mm | 2750 mm | 2750 mm | 2750 mm | 2750 mm | 2750 mm |
| **8** | Transport Width** | 3500 mm | 3500 mm | 3500 mm | 3500 mm | 3500 mm | 3500 mm |
| **9** | Cab Height | 3540 mm | 3540 mm | 3540 mm | 3540 mm | 3540 mm | 3540 mm |

* Track gauge in extended (working) position: 3410 mm.

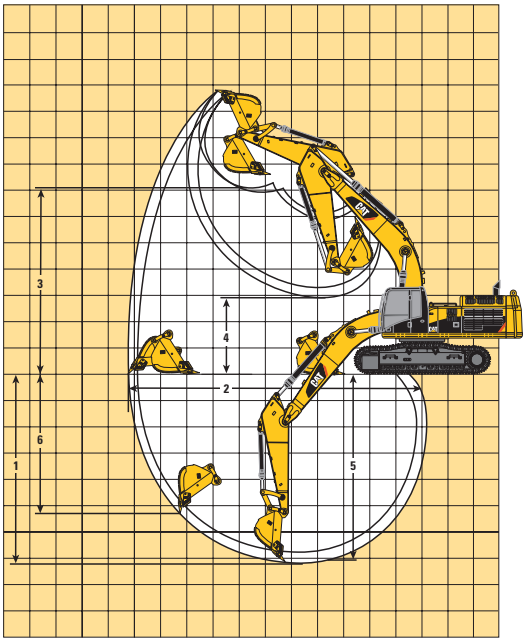
** Transport width shown for 750 mm.

Add 150 mm for 900 mm shoes.

Subtract 100 mm for 650 mm shoes.

# 374D L Hydraulic Excavator Specifications

## Working Ranges




| | | Reach Boom 7.8 m | | | | Mass Boom 7.0 m | |
|---|---|---|---|---|---|---|---|
| | **Stick** | **R4.67 m** | **R4.15 m** | **R3.6 m** | **R2.84 m** | **M3.0 m** | **M2.57 m** |
| | **Bucket** | **GD (3.8 m³)** | **GD (3.8 m³)** | **GD (3.8 m³)** | **GD (3.8 m³)** | **SD (4.6 m³)** | **SD (4.6 m³)** |
| **1** | Maximum Digging Depth | 9660 mm | 9140 mm | 8590 mm | 7830 mm | 7650 mm | 7230 mm |
| **2** | Maximum Reach at Ground Line | 14 230 mm | 13 690 mm | 13 170 mm | 12 530 mm | 11 850 mm | 11 460 mm |
| **3** | Maximum Loading Height | 8990 mm | 8640 mm | 8410 mm | 8240 mm | 7240 mm | 7070 mm |
| **4** | Minimum Loading Height | 2230 mm | 2750 mm | 3300 mm | 4060 mm | 3060 mm | 3480 mm |
| **5** | Maximum Depth Cut for 2240 mm Level Bottom | 9550 mm | 9020 mm | 8460 mm | 7680 mm | 7510 mm | 7070 mm |
| **6** | Maximum Vertical Wall Digging Depth | 8450 mm | 7750 mm | 7050 mm | 6580 mm | 4330 mm | 3960 mm |
| | Bucket Digging Force (SAE)* | 297.5 kN | 297.5 kN | 296.9 kN | 295.3 kN | 342.1 kN | 347.0 kN |
| | Bucket Digging Force (ISO)* | 339.4 kN | 339.4 kN | 338.6 kN | 336.8 kN | 384.0 kN | 389.8 kN |
| | Stick Digging Force (SAE) | 227.1 kN | 245.6 kN | 269.4 kN | 299.7 kN | 296.5 kN | 322.7 kN |
| | Stick Digging Force (ISO) | 234.0 kN | 253.9 kN | 279.3 kN | 312.1 kN | 305.0 kN | 332.9 kN |

*Bucket tip radius is 2251 mm.

## Operating Weight and Ground Pressure

| | Track | | | | | |
|---|---|---|---|---|---|---|
| | 900 mm Shoes | | 750 mm Shoes | | 650 mm Shoes | |
| | kg | bar | kg | bar | kg | bar |
| Reach Boom 7.8 m | | | | | | |
| GP Bucket 3.8 $m^3$ | | | | | | |
| R4.67 m | 73 221 | 0.78 | 72 172 | 0.92 | 71 494 | 1.0 |
| R4.15 m | 73 010 | 0.78 | 71 961 | 0.92 | 71 283 | 1.0 |
| R3.60 m | 72 859 | 0.78 | 71 810 | 0.92 | 71 132 | 1.0 |
| R2.84 m | 72 686 | 0.78 | 71 637 | 0.91 | 70 959 | 1.0 |
| Mass Boom 7.0 m | | | | | | |
| HDR Bucket 4.6 $m^3$ | | | | | | |
| M3.00 m | 75 596 | 0.79 | 74 547 | 0.94 | 73 869 | 1.1 |
| M2.57 m | 75 422 | 0.79 | 74 373 | 0.94 | 73 695 | 1.1 |

## Major Component Weights

| | kg |
|---|---|
| Base machine with counterweight and 750 mm shoes (without front linkage) | 57 700 |
| Two boom cylinders | 1400 |
| Counterweight | |
| Removal type | 10 200 |
| Non-removal type | 10 960 |
| Boom (includes lines, pins, stick cylinder) | |
| Reach Boom 7.8 m | 6730 |
| Mass Boom 7.0 m | 6900 |
| Stick (includes lines, pins, bucket cylinder and linkage) | |
| R4.67 m | 4000 |
| R4.15 m | 3790 |
| R3.60 m | 3670 |
| R2.84 m | 3470 |
| M3.00 m | 4070 |
| M2.57 m | 4240 |

# 374D L Hydraulic Excavator Specifications

## Reach Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

**Boom** – 7.8 m
**Stick** – R4.67 m
**Coupler** – N/A
**Shoes** – 750 mm double grouser (HD)
**Bucket** – None

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | | 12.0 m | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | m |
| 10.5 m | kg | | | | | | | | | | | *11 750 | *11 750 | | | | | *10 800 | *10 800 | 9.20 |
| 9.0 m | kg | | | | | | | | | | | *12 450 | *12 450 | | | | | *10 200 | *10 200 | 10.33 |
| 7.5 m | kg | | | | | | | | | | | *12 750 | *12 750 | *12 250 | 11 700 | | | *9900 | *9900 | 11.14 |
| 6.0 m | kg | | | | | | | | | | | *13 450 | *13 450 | *12 500 | 11 500 | | | *9850 | 9500 | 11.70 |
| 4.5 m | kg | | | | | *26 500 | *26 500 | *20 000 | *20 000 | *16 550 | *16 550 | *14 450 | 14 350 | *13 050 | 11 200 | *10 400 | 8950 | *10 000 | 8900 | 12.04 |
| 3.0 m | kg | | | | | | | *23 050 | *23 050 | *18 300 | 18 050 | *15 450 | 13 750 | *13 600 | 10 850 | *12 050 | 8750 | *10 350 | 8550 | 12.20 |
| 1.5 m | kg | | | | | | | *25 350 | 23 750 | *19 750 | 17 200 | *16 350 | 13 200 | *14 100 | 10 550 | 11 900 | 8600 | *10 850 | 8450 | 12.16 |
| Ground Line | kg | | | | | *17 300 | *17 300 | *26 500 | 22 850 | *20 650 | 16 550 | *16 950 | 12 800 | 14 300 | 10 250 | | | *11 700 | 8550 | 11.93 |
| –1.5 m | kg | | | *12 500 | *12 500 | *22 700 | *22 700 | *26 400 | 22 400 | *20 800 | 16 200 | *17 000 | 12 550 | 14 150 | 10 100 | | | *12 450 | 8950 | 11.50 |
| –3.0 m | kg | *15 350 | *15 350 | *19 700 | *19 700 | *30 800 | *30 800 | *25 250 | 22 350 | *20 100 | 16 050 | *16 350 | 12 450 | *13 250 | 10 100 | | | *12 450 | 9700 | 10.85 |
| –4.5 m | kg | | | *28 450 | *28 450 | *29 000 | *29 000 | *22 850 | 22 500 | *18 300 | 16 150 | *14 600 | 12 550 | | | | | *12 250 | 11 100 | 9.92 |
| –6.0 m | kg | | | *29 550 | *29 550 | *23 450 | *23 450 | *18 800 | *18 800 | *14 800 | *14 800 | | | | | | | *11 550 | *11 550 | 8.63 |

**Boom** – 7.8 m
**Stick** – R4.15 m
**Coupler** – N/A
**Shoes** – 750 mm double grouser (HD)
**Bucket** – None

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | m |
| 10.5 m | kg | | | | | | | | | | | | | | | *12 450 | *12 450 | 8.47 |
| 9.0 m | kg | | | | | | | | | | | *13 350 | *13 350 | | | *11 750 | *11 750 | 9.68 |
| 7.5 m | kg | | | | | | | | | | | *13 550 | *13 550 | *11 800 | 11 550 | *11 400 | *11 400 | 10.55 |
| 6.0 m | kg | | | | | | | | | *15 800 | *15 800 | *14 200 | *14 200 | *13 150 | 11 450 | *11 400 | 10 300 | 11.14 |
| 4.5 m | kg | | | | | | | *21 300 | *21 300 | *17 400 | *17 400 | *15 100 | 14 250 | *13 600 | 11 150 | *11 600 | 9600 | 11.50 |
| 3.0 m | kg | | | | | | | *24 200 | *24 200 | *19 050 | 17 900 | *16 050 | 13 700 | *14 100 | 10 850 | *12 100 | 9200 | 11.66 |
| 1.5 m | kg | | | | | | | *26 150 | 23 550 | *20 350 | 17 150 | *16 850 | 13 200 | *14 450 | 10 550 | 12 550 | 9100 | 11.62 |
| Ground Line | kg | | | | | *16 850 | *16 850 | *26 850 | 22 850 | *21 000 | 16 600 | *17 250 | 12 850 | 14 400 | 10 350 | 12 800 | 9250 | 11.38 |
| –1.5 m | kg | | | *13 350 | *13 350 | *24 050 | *24 050 | *26 350 | 22 600 | *20 850 | 16 300 | *17 050 | 12 650 | *14 100 | 10 250 | *13 250 | 9750 | 10.93 |
| –3.0 m | kg | | | *22 100 | *22 100 | *31 450 | *31 450 | *24 750 | 22 600 | *19 850 | 16 250 | *16 100 | 12 650 | | | *13 200 | 10 700 | 10.24 |
| –4.5 m | kg | | | *32 500 | *32 500 | *27 200 | *27 200 | *21 850 | *21 850 | *17 550 | 16 450 | *13 650 | 12 850 | | | *12 900 | 12 450 | 9.25 |
| –6.0 m | kg | | | | | *20 850 | *20 850 | *17 000 | *17 000 | *13 000 | *13 000 | | | | | *11 850 | *11 850 | 7.85 |

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

## Reach Boom Lift Capacities

 Load Point Height  Load at Maximum Reach  Load Radius Over Front  Load Radius Over Side

**Boom** – 7.8 m **Coupler** – N/A **Bucket** – None

**Stick** – R3.6 m **Shoes** – 750 mm double grouser (HD)

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | m |
| 10.5 m | kg | | | | | | | | | | | | | | | *14 850 | *14 850 | 7.75 |
| 9.0 m | kg | | | | | | | | | | | *14 350 | *14 350 | | | *13 900 | *13 900 | 9.06 |
| 7.5 m | kg | | | | | | | | | *15 450 | *15 450 | *14 300 | *14 300 | | | *13 500 | 12 450 | 9.98 |
| 6.0 m | kg | | | | | | | *19 600 | *19 600 | *16 650 | *16 650 | *14 850 | 14 550 | *13 800 | 11 250 | *13 450 | 11 100 | 10.60 |
| 4.5 m | kg | | | | | | | *22 500 | *22 500 | *18 200 | *18 200 | *15 650 | 14 050 | *14 050 | 11 050 | *13 700 | 10 250 | 10.98 |
| 3.0 m | kg | | | | | | | *25 150 | 24 350 | *19 700 | 17 650 | *16 500 | 13 550 | *14 450 | 10 800 | 13 500 | 9850 | 11.15 |
| 1.5 m | kg | | | | | | | *26 650 | 23 300 | *20 750 | 17 000 | *17 150 | 13 150 | 14 600 | 10 550 | 13 400 | 9700 | 11.11 |
| Ground Line | kg | | | | | | | *26 850 | 22 800 | *21 150 | 16 550 | *17 350 | 12 850 | 14 400 | 10 400 | 13 750 | 9950 | 10.86 |
| –1.5 m | kg | | | | | *24 650 | *24 650 | *25 900 | 22 650 | *20 700 | 16 350 | *16 900 | 12 700 | | | *13 900 | 10 500 | 10.39 |
| –3.0 m | kg | | | *24 250 | *24 250 | *29 550 | *29 550 | *23 850 | 22 750 | *19 250 | 16 400 | *15 500 | 12 750 | | | *13 750 | 11 700 | 9.65 |
| –4.5 m | kg | | | *29 150 | *29 150 | *24 750 | *24 750 | *20 350 | *20 350 | *16 350 | *16 350 | | | | | *13 200 | *13 200 | 8.60 |
| –6.0 m | kg | | | | | | | *14 450 | *14 450 | | | | | | | *11 400 | *11 400 | 7.07 |

**Boom** – 7.8 m **Coupler** – N/A **Bucket** – None

**Stick** – R2.84 m **Shoes** – 750 mm double grouser (HD)

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | 10.5 m | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | m |
| 10.5 m | kg | | | | | | | | | | | | | | | *17 550 | *17 550 | 6.81 |
| 9.0 m | kg | | | | | | | | | *16 300 | *16 300 | | | | | *16 050 | *16 050 | 8.28 |
| 7.5 m | kg | | | | | | | | | *16 700 | *16 700 | *15 500 | 14 600 | | | *15 400 | 13 850 | 9.27 |
| 6.0 m | kg | | | | | *28 400 | *28 400 | *21 300 | *21 300 | *17 800 | *17 800 | *15 800 | 14 350 | | | *15 050 | 12 200 | 9.94 |
| 4.5 m | kg | | | | | | | *24 100 | *24 100 | *19 200 | 18 200 | *16 450 | 13 900 | | | *14 900 | 11 200 | 10.35 |
| 3.0 m | kg | | | | | | | *26 300 | 23 800 | *20 450 | 17 400 | *17 100 | 13 450 | 14 800 | 10 750 | 14 750 | 10 750 | 10.52 |
| 1.5 m | kg | | | | | | | *27 050 | 23 000 | *21 200 | 16 850 | *17 500 | 13 100 | | | 14 650 | 10 650 | 10.48 |
| Ground Line | kg | | | | | | | *26 500 | 22 750 | *21 150 | 16 550 | *17 350 | 12 900 | | | *14 800 | 10 900 | 10.22 |
| –1.5 m | kg | | | | | *23 400 | *23 400 | *24 900 | 22 800 | *20 250 | 16 450 | *16 450 | 12 850 | | | *14 650 | 11 700 | 9.71 |
| –3.0 m | kg | | | | | *26 200 | *26 200 | *22 250 | *22 250 | *18 150 | 16 600 | | | | | *14 150 | 13 250 | 8.92 |
| –4.5 m | kg | | | | | *20 850 | *20 850 | *17 900 | *17 900 | *13 900 | *13 900 | | | | | *12 900 | *12 900 | 7.76 |

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

# 374D L Hydraulic Excavator Specifications

## Mass Boom Lift Capacities

 Load Point Height

 Load at Maximum Reach

 Load Radius Over Front

 Load Radius Over Side

**Boom** – 7.0 m
**Stick** – M3.0 m
**Coupler** – N/A
**Shoes** – 750 mm double grouser (HD)
**Bucket** – None

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | | | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.0 m | kg | | | | | | | | | | | | | *13 850 | *13 850 | 7.35 |
| 7.5 m | kg | | | | | | | | | *16 250 | *16 250 | | | *13 100 | *13 100 | 8.45 |
| 6.0 m | kg | | | | | | | *19 550 | *19 550 | *17 050 | *17 050 | *15 700 | 14 100 | *12 900 | *12 900 | 9.18 |
| 4.5 m | kg | | | | | *30 350 | *30 350 | *22 250 | *22 250 | *18 350 | *18 350 | *16 150 | 13 750 | *13 150 | 12 300 | 9.62 |
| 3.0 m | kg | | | | | | | *24 850 | 24 450 | *19 700 | 17 550 | *16 750 | 13 350 | *13 750 | 11 700 | 9.81 |
| 1.5 m | kg | | | | | | | *26 450 | 23 350 | *20 700 | 16 900 | *17 200 | 13 000 | *14 800 | 11 550 | 9.76 |
| Ground Line | kg | | | | | *29 000 | *29 000 | *26 700 | 22 800 | *20 950 | 16 500 | *17 100 | 12 750 | *15 950 | 11 900 | 9.48 |
| –1.5 m | kg | | | *23 900 | *23 900 | *32 900 | *32 900 | *25 550 | 22 650 | *20 200 | 16 350 | | | *16 050 | 12 900 | 8.93 |
| –3.0 m | kg | | | *35 400 | *35 400 | *28 850 | *28 850 | *22 900 | *22 900 | *17 850 | 16 550 | | | *15 800 | 15 050 | 8.06 |
| –4.5 m | kg | | | | | *22 350 | *22 350 | *17 550 | *17 550 | | | | | *14 600 | *14 600 | 6.76 |

**Boom** – 7.0 m
**Stick** – M2.57 m
**Coupler** – N/A
**Shoes** – 750 mm double grouser (HD)
**Bucket** – None

| | | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | | | | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.0 m | kg | | | | | | | | | | | | | *16 700 | *16 700 | 6.82 |
| 7.5 m | kg | | | | | | | | | *17 200 | *17 200 | | | *15 700 | *15 700 | 8.00 |
| 6.0 m | kg | | | | | | | *20 600 | *20 600 | *17 800 | *17 800 | | | *15 450 | 14 650 | 8.77 |
| 4.5 m | kg | | | | | | | *23 200 | *23 200 | *19 000 | 18 250 | *16 700 | 13 750 | *15 750 | 13 150 | 9.23 |
| 3.0 m | kg | | | | | | | *25 550 | 24 200 | *20 250 | 17 500 | *17 150 | 13 350 | *16 500 | 12 450 | 9.43 |
| 1.5 m | kg | | | | | | | *26 800 | 23 250 | *21 000 | 16 900 | *17 400 | 13 050 | *16 650 | 12 300 | 9.38 |
| Ground Line | kg | | | | | *26 950 | *26 950 | *26 650 | 22 850 | *21 050 | 16 550 | *17 000 | 12 900 | *16 750 | 12 750 | 9.08 |
| –1.5 m | kg | | | | | *31 500 | *31 500 | *25 100 | 22 850 | *19 900 | 16 500 | | | *16 750 | 13 950 | 8.50 |
| –3.0 m | kg | | | *31 000 | *31 000 | *27 100 | *27 100 | *21 900 | *21 900 | *16 650 | *16 650 | | | *16 250 | *16 250 | 7.59 |
| –4.5 m | kg | | | | | *19 700 | *19 700 | *15 150 | *15 150 | | | | | *14 350 | *14 350 | 6.18 |

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

## 374D L Bucket Specifications and Compatibility

| | Linkage | Width | Capacity | Weight | Fill Factor | Reach Boom 7.8 m | | | | ME Boom 7.0 m | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | $m^3$ | kg | % | R2.8VB2 | R3.6VB2 | R4.15VB2 | R4.6VB2 | M2.6WB2 | M3.0WB2 |
| **Pin-On** | | | | | | | | | | | |
| General Duty (GD) | VB2 | 1900 | 3.8 | 3622 | 100% | ● | ◉ | ○ | ○ | | |
| | WB2 | 2000 | 4.6 | 4016 | 100% | | | | | ● | ◉ |
| | WB2 | 2100 | 5.0 | 4167 | 100% | | | | | ◉ | ◉ |
| Heavy Duty (HD) | VB2 | 1900 | 3.8 | 3782 | 100% | ● | ◉ | ○ | ⊗ | | |
| | WB2 | 2100 | 5.0 | 4345 | 100% | | | | | ● | ◉ |
| | WB2 | 2250 | 5.3 | 4591 | 100% | | | | | ◉ | ◉ |
| Severe Duty (SD) | WB2 | 1800 | 3.7 | 4667 | 90% | | | | | ● | ● |
| | WB2 | 1900 | 4.0 | 4825 | 90% | | | | | ● | ● |
| | WB2 | 2000 | 4.4 | 4982 | 90% | | | | | ● | ◉ |
| | WB2 | 2100 | 4.6 | 5141 | 90% | | | | | ◉ | ◉ |
| | WB2 | 2200 | 5.0 | 5341 | 90% | | | | | ◉ | ○ |
| Extreme Duty (XD) | WB2 | 2000 | 4.4 | 5785 | 90% | | | | | ◉ | ○ |
| | WB2 | 2100 | 4.6 | 5982 | 90% | | | | | ◉ | ○ |
| | WB2 | 2200 | 5.0 | 6212 | 90% | | | | | ○ | ⊗ |
| Maximum dynamic load pin-on (payload + bucket) | | | | | kg | 10 650 | 9610 | 8860 | 8070 | 12 150 | 11 260 |
| **With Quick Coupler (CW-70)** | | | | | | | | | | | |
| General Duty (GD) | VB2 | 1900 | 3.8 | 3668 | 100% | ◉ | ○ | ⊗ | ⊗ | | |
| Severe Duty (SD) | WB2 | 1900 | 4.0 | 4802 | 90% | | | | | ◉ | ◉ |
| | WB2 | 2000 | 4.4 | 4959 | 90% | | | | | ◉ | ○ |
| Extreme Duty (XD) | WB2 | 2000 | 4.4 | 5797 | 90% | | | | | ○ | ⊗ |
| Maximum dynamic load with CW coupler (payload + bucket) | | | | | kg | 9330 | 8290 | 7540 | 6750 | 10 830 | 9940 |

The above figures are based on maximum recommended dynamic working weights with front linkage fully extended at ground line with bucket curled. They do not exceed a stability ratio of 1.25.

Capacity based on ISO 7451.

Bucket weights include General Duty tips.

- ● 1800 kg/$m^3$ or greater
- ◉ 1500 kg/$m^3$ or less
- ○ 1200 kg/$m^3$ or less
- ⊗ Not Recommended

## Work Tools Matching Guide

When choosing between various work tool models that can be installed onto the same machine configuration, consider work tool application, productivity requirements, and durability. Refer to work tool specifications for application recommendations and productivity information.

| | | | Without Quick Coupler | | | | | | With Quick Coupler CW-70 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Reach Boom | | | | ME Boom | | Reach Boom | | | | ME Boom | |
| Linkage | | | VB | VB | VB | VB | WB | WB | VB | VB | VB | VB | WB | WB |
| Stick length – mm | | | 2840 | 3600 | 4150 | 4670 | 2570 | 3000 | 2840 | 3600 | 4150 | 4670 | 2570 | 3000 |
| Ripper | TR70, TR70 short | | | | N | N | | | | | N | N | | |
| Multi-processor | MP40 | CC, CR | | | | | | | | | | X | | |
| | | PS, S | | | | | | | | | | X | | |
| Crusher | P360 | | | | | | | | | | | | | |
| Shear | S365B | | | | | | | | | | X | X | | X |
| Hammer | H180D S | | | | | | | | | | | | | |
| Shear (boom) | S385B | | | | | | | | X | X | X | X | X | X |

360° Working Range

N = Not Recommended

X = Not Compatible

# 374D L Standard Equipment

Standard equipment may vary. Consult your Cat dealer for details.

## ELECTRICAL

Alternator – 75 ampere
Lights
Cab interior
Cab lights, halogen, time delay
Boom lights, halogen
Signal/warning horn

## ENGINE/POWER TRAIN

Automatic engine speed control
Automatic swing parking brake
Automatic travel parking brakes
Cat® C15 with ACERT® Technology
Altitude capability to 2300 m
Electric fuel priming pump
High ambient cooling capability
Side-by-side cooling system with separately mounted AC condenser and variable speed fan
Two speed travel
Water separator, with level indicator, for fuel line

## GUARDS

Heavy duty bottom guards on upper frame
Heavy duty swivel guard on undercarriage
Heavy duty travel motor guards on undercarriage

## OPERATOR STATION

Air conditioner, heater and defroster with automatic climate control
Ashtray and 24 volt lighter
Beverage/cup holder
Coat hook
Console mounted electronic type joysticks with adjustable gain and response
Floor mat
Instrument panel and gauges with full color graphical display
Literature compartment
Neutral lever (lock out) for all controls
Positive filtered ventilation
Pressurized cab
Retractable seat belt 50 mm width
Sunshade for windshield and skylight
Travel control pedals with removable hand levers
Windshield wipers and washers (upper and lower)

## UNDERCARRIAGE

Grease lubricated PPR2 tracks
Hydraulic track adjusters
Long, variable gauge
Steps – four

## OTHER STANDARD EQUIPMENT

Auxiliary hydraulic valve for hydro-mechanical tools
Forged idlers
Cat one key security system with locks for doors, cab and fuel cap
Catwalks – left side and right side
Cross-roller type swing bearing
Drive for auxiliary pump
Mirrors – left and right
S·O·S℠ quick sampling valves for engine oil and hydraulic oil
Steel firewall between engine and hydraulic pumps
Product Link and rearview camera (EU only)

# 374D L Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

FRONT LINKAGE
- Booms
  - Mass excavation 7.0 m with two working lights
  - Reach 7.8 m with two working lights
- Sticks
  - M2.57WB for mass boom
  - M3.0WB for mass boom
  - R2.84VB for reach boom
  - R3.6VB for reach boom
  - R4.15VB for reach boom
  - R4.67VB for reach boom
- Bucket Linkages
  - VB2-family for VB2 sticks (available with or without lifting eye)
  - WB2-family for WB2 sticks (available with or without lifting eye)
- Buckets – see chart
- Tips, sidecutters and edge protectors

TRACK
- Double grouser 650 mm
- Double grouser 750 mm
- Double grouser 900 mm

GUARDS
- FOGS (Falling Object Guard System) including overhead and windshield guards
- Track guiding guards
  - – Full length
  - – Center section
- Wire mesh screen for windshield

AUXILIARY CONTROLS AND LINES
- Basic control arrangements
  - Single action – one-way high pressure for hammer application
  - Combined function – function for one-way or two-way high pressure
  - Quick coupler circuit
  - Quick coupler lines for booms
  - Quick coupler lines for sticks
- Auxiliary boom lines
  - High pressure for reach and mass booms
- Auxiliary stick lines
  - High pressure lines for reach and mass sticks

MISCELLANEOUS OPTIONS
- Adjustable high-back seat with mechanical suspension
- Adjustable high-back, heated seat with air suspension
- Boom lowering control device with SmartBoom™
- Starting aid for cold weather with ether
- Stick lowering control device
- Straight travel pedal
- Cab front rain protector
- Converter, 10 amp – 12 volt with two sockets
- Electric refueling pump
- HID, boom lights
- HID, cab lights, time delay
- Jump start terminals
- Reversible cooling fan including protective screen
- Operator Compartment
  - Joysticks
  - Four button joystick for standard machine or single action auxiliary control
  - Thumb wheel modulation joystick for use with combined auxiliary control
  - Radio
    - AM/FM radio mounted in right hand console with antenna and two speakers
    - Radio ready mounting at rear location including 24 volt to 12 volt converter speakers, antenna
    - Two-way radio ready
- Windshield
  - 70-30 split, sliding, one-piece, fixed
- WAVS ready
- BIO Oil package
- Travel alarm

# Notes

# 374D L Hydraulic Excavator

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