




THE NEW CAT[®] E2 SERIES.

PRECISE, POWERFUL, PRODUCTIVE.

MINI EXCAVATORS 4, 5, 5.5 AND 8 TONNE.



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E2 SERIES RANGE OVERVIEW

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Model	Operating Weight (kg)	Dig Depth (mm)	Reach at Ground Level (mm)	Dump Height (mm)	Bucket Breakout Force, SAE Rated (kgf)	Engine Make & Model	Engine Power, SAE Rated (kW @ rpm)	Engine Displacement (lit)	Flow of Main Pumps (lit/min)	Transport Length (mm)	Transport Height (mm)	Width (mm)	Track Pad Width (mm)	Speed (km/h)	Gradeability (%)
304E2 CR	4,039	3,430	5,470	3,690	3,855	Cat® C2.4	30 @ 2200	2.4	150	4,820	2,500	1,950	350	3.3/5.2	58
305E2 CR	5,022	3,670	5,810	3,920	4,558	Cat C2.4	30 @ 2200	2.4	150	5,290	2,550	1,980	400	2.8/4.4	58
305.5E2 CR	5,423	3,870	6,020	4,080	5,190	Cat C2.4	32.9 @ 2200	2.4	150	5,460	2,550	1,980	400	2.8/4.5	58
308E2 CR SB	8,400	4,690	7,350	5,010	6,139	Cat 3.3B	48.5 @ 2400	3.3	150	6,340	2,550	2,320	450	2.8/5.1	58



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E2 SERIES FEATURES OVERVIEW



E2 SERIES HIGH DEFINITION HYDRAULIC SYSTEM

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Exclusive to the new E2 series is the High Definition Hydraulic (HDH) System providing improved feedback, controllability and efficiency. Improvements are achieved through refined valve technology paired seamlessly with Caterpillar's load sensing variable piston pump.

Efficiency

HDH technology has demonstrated fuel efficiency improvements of up to 20% against previous models.

Controllability

Smoother and more stable control when compared to pressure compensator load sensor technology.

Extended Life

HDH technology generates less heat than other systems improving hydraulic oil and component life.

Serviceability

The valve bank is designed for easy access and serviceability, plus individual part numbers for Cat hoses and components allows for fast and accurate identification.



E2 SERIES COMPASS DISPLAY

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Standard on all E2 series, the COMPASS Display was specifically designed by Caterpillar to effortlessly place all new features at the operators fingertips. In addition to the capabilities below, the COMPASS Display also serves as a monitor for the optional rear view camera.

Complete: COMPASS and all the features are standard.

Operation: Change control pattern, control hydraulic quick coupler, view machine pitch and roll for grading level digging, and view parameters such as engine rpm, coolant temperature and fuel level in real time.

Maintenance: Maintenance intervals and reminders, diagnostics and work hours.

Performance: Adjust auxiliary attachment flow, set continuous flow mode, auto-idle adjust and optimised pre-set parameters through attachment selector.

Security: Standard anti-theft requiring 5 digit alphanumeric code when enabled.

System: Ergonomic design and placement for ease of use and maintain optimal line of sight.



E2 SERIES CONTROL

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The High Definition Hydraulic system paired with 100% pilot controls ensures superior, responsive and effortless control of the E2 series. Add the versatility of the Cat hydraulic quick coupler, customisation at your fingertips through the COMPASS display, precision of the site reference system and blade float as standard, the E2 series is built to master any job.



FRONT SHOVEL MODE

Effortlessly change to shovel mode using the hydraulic quick coupler without exiting the cab. Shovel mode is useful for pipe work, backfilling along walls, cleaning inside truck beds, and filling hoppers or other equipment next to a wall.



COMPASS CUSTOMISATION

Change control pattern, adjust attachment flow, set continuous flow mode, configure pre-set parameters for attachments and adjust auto-idle setting with the press of a finger.

SITE REFERENCE SYSTEM

Grading and level trenching are aided in the E2 series by sensors that provide pitch and roll position. The angles are illustrated on the COMPASS monitor.

1-WAY OR 2-WAY FLOW LEVER

Easily switch between 1-way or 2-way flow when using specific attachments such as hammers or hydraulic thumbs.



BLADE FLOAT STANDARD

The standard float function allows fast ground finishing work without having to adjust the height of the blade. An angle blade option is available factory fitted.

AUTOMATIC 2-SPEED

With the standard automatic two speed feature, the machine will automatically balance high speed and torque travel requirements based on job site conditions to give the operator the optimum speed and control.

E2 SERIES COMFORT

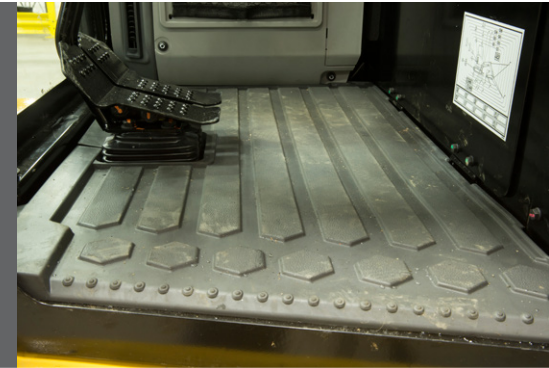
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The ROPS and FOPS certified cab has a wider entrance for easy access, a high back suspension seat and adjustable armrests for superior comfort, 100% pilot controls for reduced fatigue and an innovative interlocking front window to provide the best operator station experience.



REDESIGNED CAB

The E2 cab provides a wide entrance for easy access, all-round visibility including a ceiling window, extra leg and foot room and the safety of ROPS and FOPS certification.



100% PILOT CONTROLS

Pilot controls provide consistent flow and pressure for the life of the machine, reducing fatigue, improving feedback and lockout hydraulics on start up.



INTERLOCKING FRONT WINDOW

The new interlocking front window allows the bottom pane to slide into the top for a snug, secure and rattle free concealment. The interlocked unit can also be completely opened with the support of gas struts.



OPERATOR COMFORT

The high back suspension seat, easy adjust arm rests, 76mm retractable seat belt, air-conditioning and ergonomic layout provides superior comfort and reduced fatigue.



E2 SERIES SAFETY

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Cat E2 Series excavators have been design with safety in mind. Pilot controls provide immediate hydraulic lock-out and prevent starting when the hydraulics are active. Factory fitted safety valves support load in the event of a hose failure and the dual lock hydraulic coupler provides class leading safety through two independent locking systems. The Cab exceeds ROPS and FOPS certification and provides all-round visibility, making the E2 one of the safest excavators to work in and around.



DUAL LOCK HYDRAULIC COUPLER

Cat® Dual Lock pin grabber couplers maintain a tight fit for life thanks to an innovative wedge design and two independent locking systems ensure a safe and secure connection.



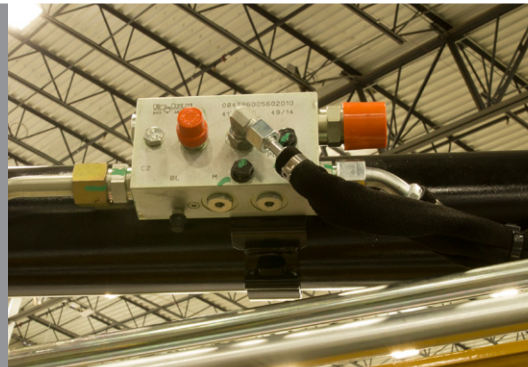
HYDRAULIC LOCKOUT AND ACCUMULATOR

100% pilot controls allow for easy hydraulic lockout and prevent start-up whilst hydraulics are active. A standard accumulator allows for auxiliary pressure to be released, making connecting and disconnecting work tools safer and easier.



FACTORY FITTED SAFETY VALVES

Available from the factory, safety valves attach to the boom and stick cylinders to support load in the event of a hose failure.



COURTESY LIGHT

Cab and boom lights remain illuminated (set time using COMPASS display) following machine shutdown, providing visibility when exiting the job site.



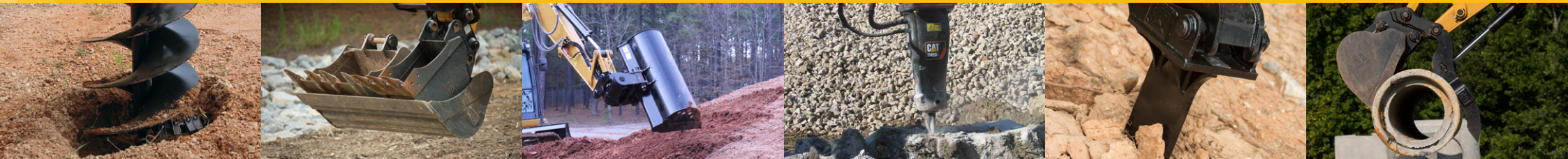
E2 SERIES ATTACHMENTS

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Caterpillar provides a full range of attachments designed to pair seamlessly with the E2 Series Mini Excavator.

MODEL	AUGERS	BUCKETS					COUPLERS		HAMMERS	RIPPERS	SHEARS	THUMBS	VIBRATORY PLATE COMPACTORS
		Mud	Tilt Ditch	Heavy Duty	Heavy Duty Capacity	Heavy Duty Rock	Dual Lock™	Dual Lock Tilting					
304E2	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓
305E2	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
305.5E2	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
308E2 CR SB	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓

Cat Financial now offers great finance rates on Cat hydromechanical attachments and for peace of mind, protect your investment with a Cat Extended Protection Plan.*



E2 SERIES SUPPORT & SOLUTIONS

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DEALER CAPABILITIES

When you buy Cat, you aren't just buying a piece of equipment, you are partnering with the industries best, most extensive and always on dealer network. Your Cat dealer will be there for you for the life of your equipment, bringing you the tools, technologies, service and know-how to keep your machine productive. Cat dealers can provide service agreements that give you piece of mind and with the 24/7 online Cat PartStore™ we are with you everywhere.



CATERPILLAR FINANCIAL

Caterpillar Financial Australia Limited (CFAL) provides the best rates and solutions for your business. CFAL offers higher approval rates, flexible down payments and flexible terms to provide higher customer satisfaction. No additional security is required when financing a new Cat machine, CFAL is dedicated to helping Caterpillar customers through good times and bad.

EQUIPMENT PROTECTION PLANS

Insurance Solutions

Physical Damage Insurance covers damage to equipment from collision, fire, overturn and more.

EQUIPMENT PROTECTION PLANS

New Equipment Protection Plans are the only service plan designed specifically for buyers of new Cat® machines, providing the highest level of repair cost protection available. Backed by the worldwide resources of Cat Financial Insurance Services, Equipment Protection Plans enhance and sustain your entire ownership experience with comprehensive coverage and peace of mind.



Visit cat.com/minihex-au

BUILT FOR IT.™

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