CAT

E200B
EL200B

EXCAVATORS

Reach at ground level .....9855 mm/32'4"
Digging depth .....6710 mm/22'
Travel speed .....5 km/h/3.1 MPH
Drawbar pull .....17 300 kg/38,100 lb

- Flywheel Power .....88 kW/118 HP
- Operating Weight
  - E200B .....18 800 kg/41,400 lb
  - EL200B .....20 100 kg/44,300 lb
- Bucket Capacities
  (Multi-Purpose) .....400 to 1000 liters/
  .50 to 1.375 yd^3

Machine shown may include optional equipment.



FEATURES

Versatility, Performance

Cat's E200B and EL200B are designed to produce...and built to last!

■ **Largest effective working envelope of any major competitor**... four sticks available.

- Each stick provides greater crowd force than the other industry leaders.
- Maximum digging depth and reach are superior to any leading competitor—without the use of stick extensions.

■ **Long reach configuration**... offers unprecedented power and performance for river conservation and dredging work formerly reserved for draglines.

■ **Superior lift capacity**... EL200B with the long stick offers more lifting capacity.

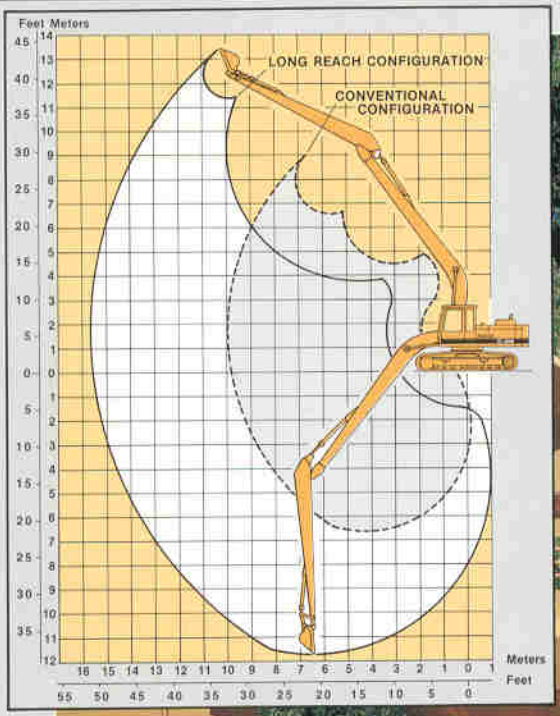
- At ground line, 25 feet out, the machine outlifts the major competition by nearly 10%.

■ **Superior mobility**...

- Two-speed track motors increase travel speed and drawbar pull. 9% higher drawbar pull than any other major manufacturer.
- 70% (35 degree) drawbar gradeability.
- 70% (35 degree) engine lubrication gradeability.

■ **Superior stability**... the EL200B has the longest undercarriage of any leading competitor in its size class.

■ **High engine displacement-to-power ratio**...Cat's new 3116T Engine has a greater displacement-to-power ratio than any leading competitor for reliable performance day in, day out.



■ **Excellent fuel efficiency**

- Advanced design Caterpillar 3116T Engine with high-pressure, unit-injection fuel system.
- State-of-the-art hydraulics – direct-drive pumps; low-restriction, centrally located control valve; load-sensing feature...deliver more work per unit of fuel burned.
- Automatic engine speed control...conserves fuel when controls are not activated.
- Power selector...limits the power level to what is needed for the job, conserves fuel.
- Electronic power unit control... balances engine speed and pump output for maximum efficiency.



■ **Wide selection of attachments**...for maximum versatility.
- Thirteen buckets...including six VERSA-LINK buckets, cover most excavator applications.
- Clamshells and rippers available.

■ **Cat's VERSA-LINK quick coupling system**...increases productivity by using the right tools for the job.
- Save money—a variety of attachments eliminates the need for special equipment and operators.
- Save time—one person can easily change attachments in two to three minutes or less.
- No reduction in bucket capacity or breakout force.
- Reliable and durable—built for severe service.

■ **Auxiliary valve standard**...
- Auxiliary valve has capacity to deliver two-pump flow when machine is equipped with high performance hydraulic arrangement.
- Other auxiliary equipment hydraulic arrangements available.

■ **Quick-disconnect couplings on pilot system hydraulic hoses**...allow user to change joystick control patterns according to operator's preference.

■ **Power selector**...operator chooses power setting that meets job requirements.
- Level 1 provides exceptional implement control for low-load, precision work such as fine grading. Also delivers maximum fuel efficiency and reduced noise levels.
- Level 2 balances power and speed and is suitable for most "normal" applications.
- Level 3 delivers maximum power for heavy duty applications, fast work cycles and high travel speeds.

■ **Work selector**...operator selects flow priority to match work application.
- Loading mode improves cycle time by combining pump flows to increase boom and stick speeds.
- Sidewall crowding mode provides swing priority to maintain constant swing force for clean, straight sidewalls.
- Fine control mode maintains separate pump flows for smooth, slow functions and precise implement control.

■ **Automatic finish grading function**...helps operator maintain constant downward force on the bucket for ground leveling.
- Boom floats relative to stick movement.
- Operator makes fewer boom adjustments.

Hydraulic System

State-of-the-art system balances engine speed and pump output for maximum productivity and fuel efficiency.

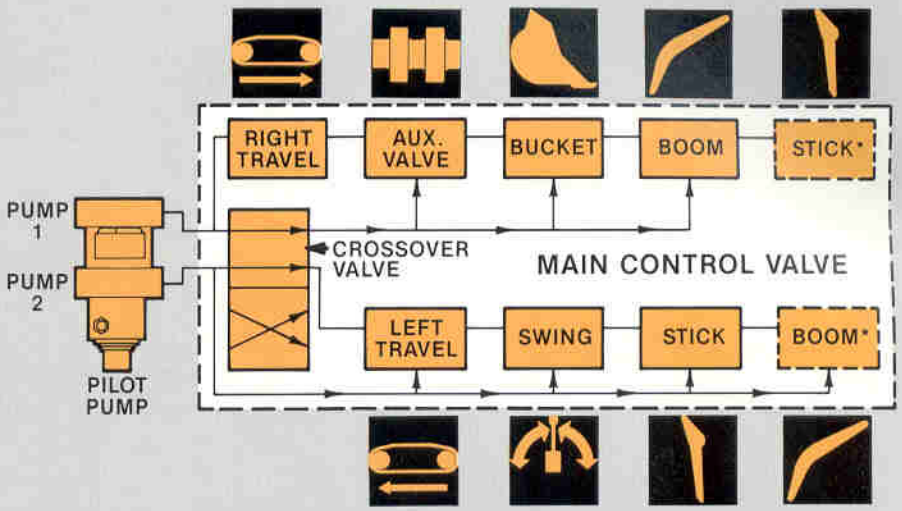
■ Two-pump system

- Two variable-flow, axial-piston pumps power hydraulic circuits.
- New pump design uses 40% fewer parts for reduced complexity and greater reliability.
- Pumps mount in-line behind engine. Flexible coupling and common pump drive shaft deliver engine's power to pumps.
- Direct drive eliminates power losses, drive noise and maintenance common to pump gear drives.

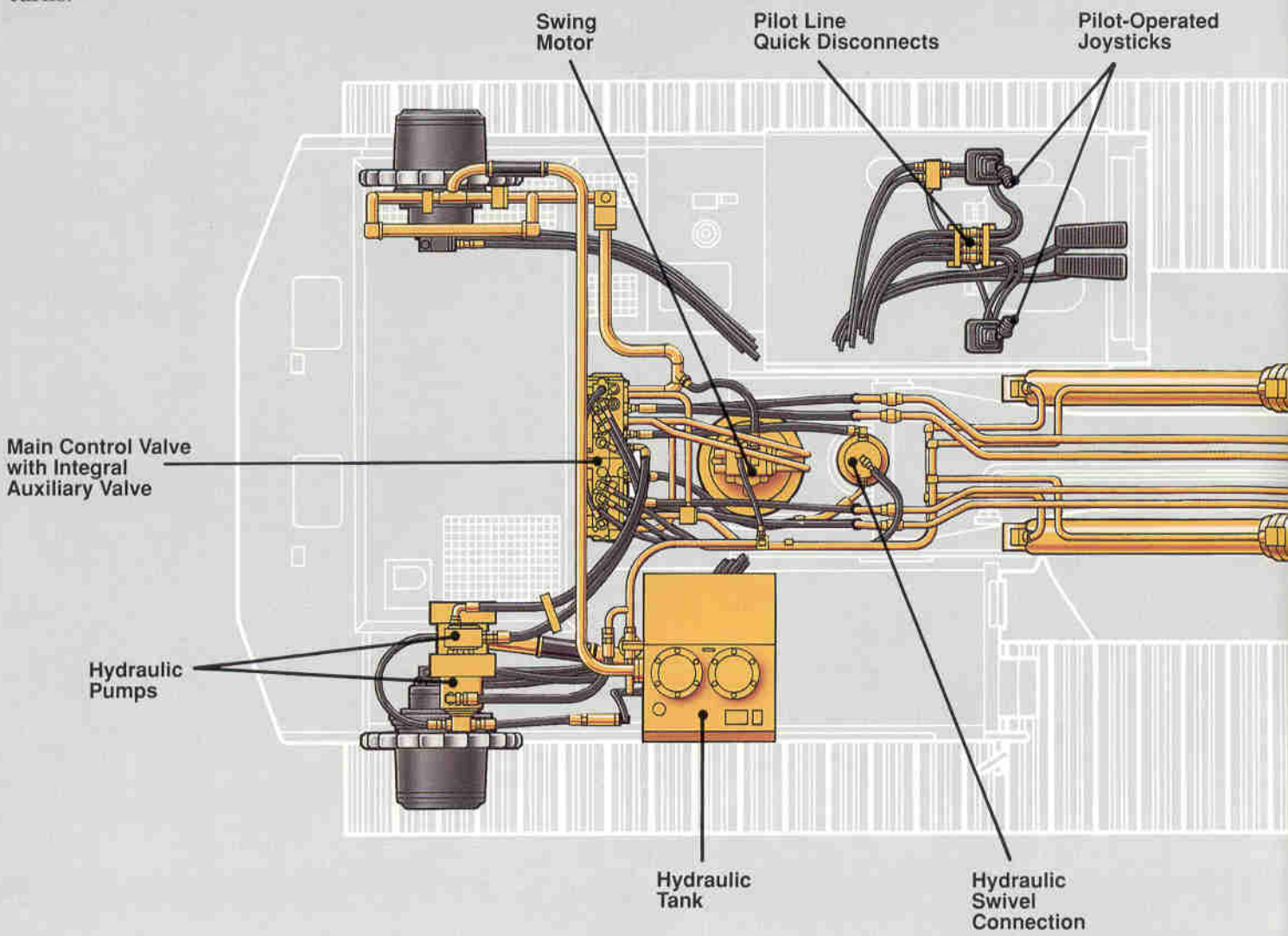
■ Horsepower summation

- Either pump can use a majority of the engine's power when operating a single function.
- Allows faster implement speeds and quicker, stronger pivot turns.

HYDRAULIC SYSTEM (CROSSOVER VALVE NOT ACTIVATED)



*ADDITIONAL PUMP FLOW AVAILABLE TO THESE FUNCTIONS WHEN CROSSOVER VALVE IS ACTIVATED

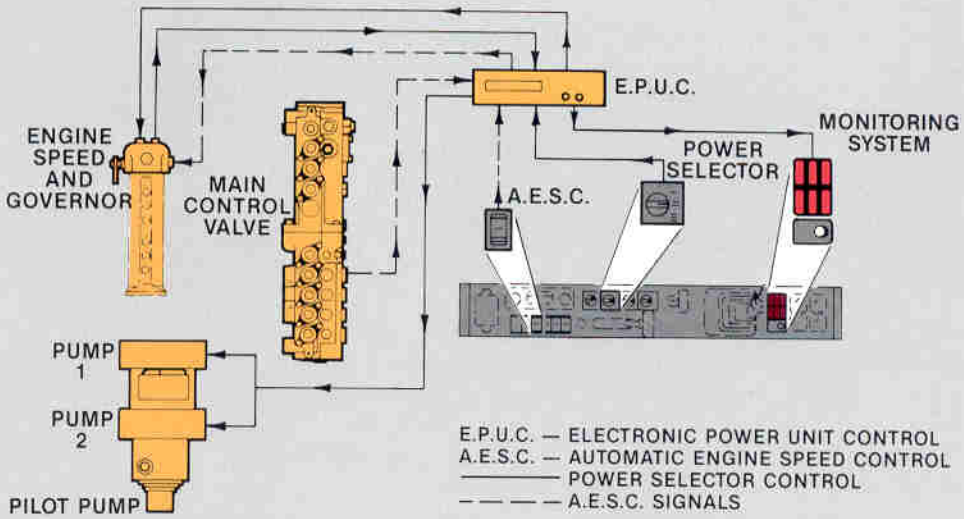


■ Electronic power unit control

- State-of-the art microcomputer determines optimum engine speed and pump output for maximum productivity and fuel efficiency.
- Continuously monitors engine speed, pilot pressure and governor setting.
- Controls power level selected by operator and automatic engine speed control when engaged.

■ Electronic underspeed control system

- Destrokes hydraulic pumps if engine slows under load...allows engine to maintain RPM's and hydraulic power.
- Allows machine to use full engine power without the need for reserve horsepower under certain conditions.

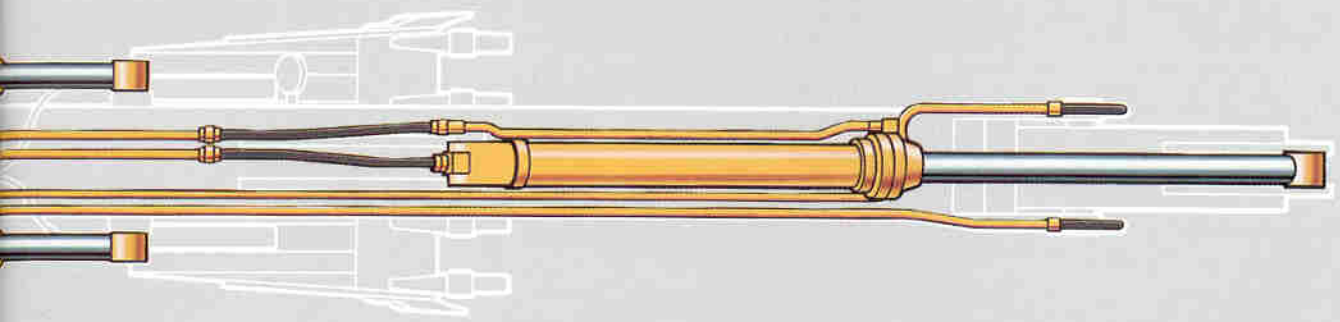


■ Main control valve

- Single, two-section valve design has fewer lines and reduced restriction for increased hydraulic efficiency.
- Built-in valves for stick parallel/tandem circuit and straight travel circuit.

■ Auxiliary valve

- Standard auxiliary control valve allows economical addition of various attachments.
- Auxiliary valve delivers full, two-pump flow with high performance hydraulic arrangement...for the most demanding applications such as hydraulic hammer work.



FEATURES

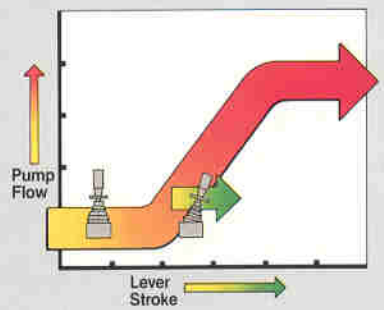
Hydraulic System

Standard features on the E200B and EL200B give your operator precise control.

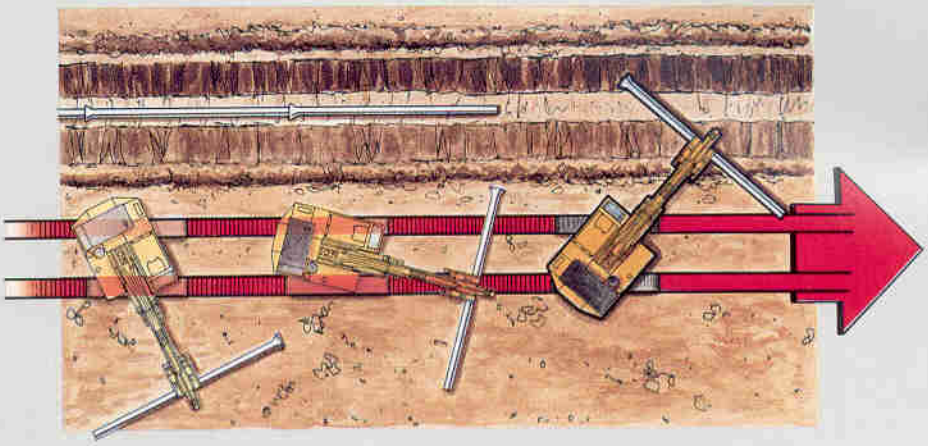
■ **Straight-travel feature**
- System automatically maintains straight travel during implement operation.
- Greatly improves material handling and fine-grading capabilities.

■ **Load-sensing feature**
- System reduces pump flow to a minimum when joysticks and travel controls are in neutral...cutting fuel consumption, extending pump life.
- Pump flow increases in direct proportion with lever movement...operator has precise control from feathering to full force.
- Operator controls movements more precisely. Smooth starts and stops are important when handling suspended loads.
- System eliminates hydraulic shock...increasing hydraulic hose and tube life.

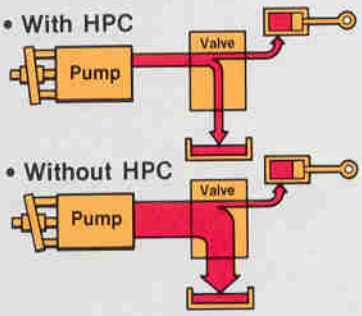
Load-sensing



Straight Travel During Implement Operation

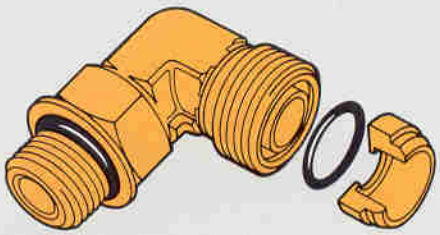


■ **High-pressure cut-off**
- System reduces pump flow to a minimum before hydraulic pressure reaches relief valve setting.
- Reduced flow conserves fuel...prevents hydraulic oil deterioration from high system temperatures.
- Relief valve noise decreases. Increased pump life results.



■ **Hydraulic cylinder snubbers** used in boom and stick cylinders.
- Cushion shocks when cylinder rods reach maximum stroke or bottom out.

■ **O-ring Face Seal Couplings.**
- State-of-the-art couplings for a leak-free hydraulic system.




CAT
EL200B

Cat 3116T Engine

High-tech six-cylinder engine designed to provide outstanding performance, reliability and fuel efficiency.

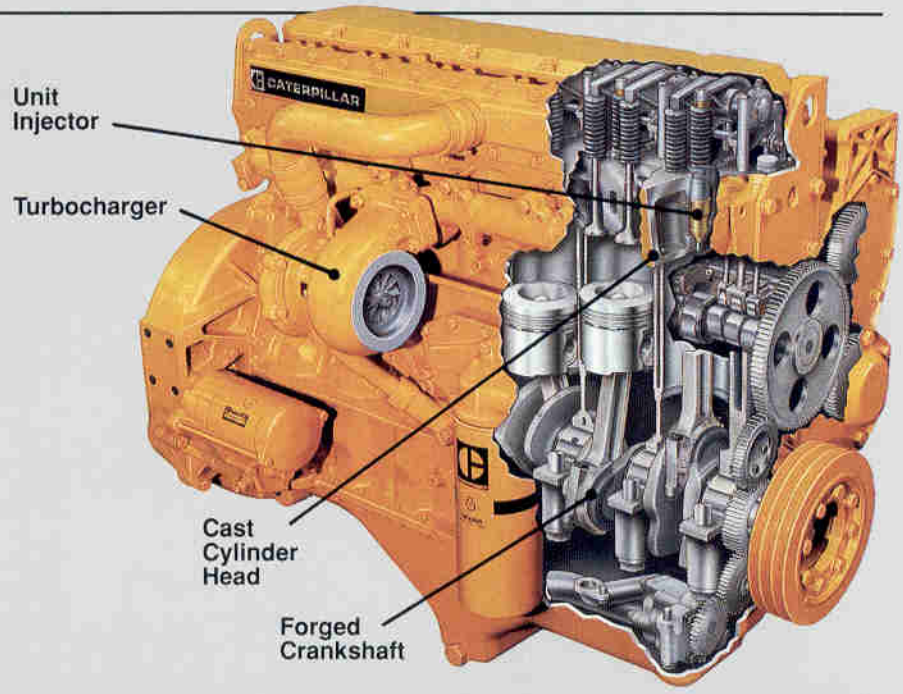
■ **Turbocharged for increased performance and efficiency**... especially at high altitudes – up to 2500 meters/8,200 feet.

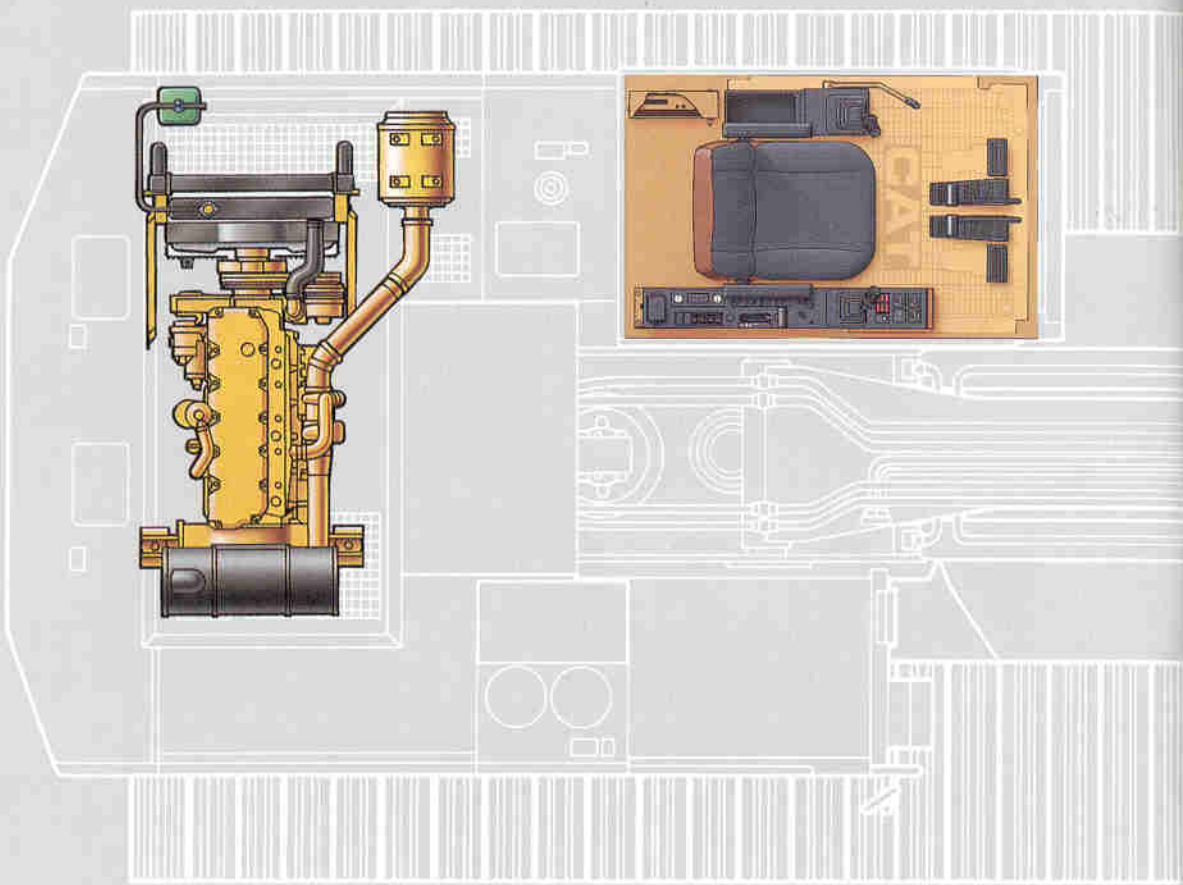
■ **Unit-injector fuel system**... provides individually metered, high-pressure, direct injection of fuel for maximum efficiency.

■ **Automatic engine speed control**...automatically reduces engine speed when joysticks or travel controls are left in neutral for three seconds...decreases fuel consumption and sound levels.

■ **Four-stroke-cycle design**... uses longer power strokes for more complete fuel combustion and efficiency.

■ **High displacement-to-power ratio and low RPM operation...**ensure long life and exceptional reliability.





Operator's Compartment

Spacious design promotes comfort and ease of operation.

■ **Pilot-operated joystick and travel controls**...reduce lever efforts for greater operator comfort and productivity.

■ **Joystick controls**...for all front end and swing functions.

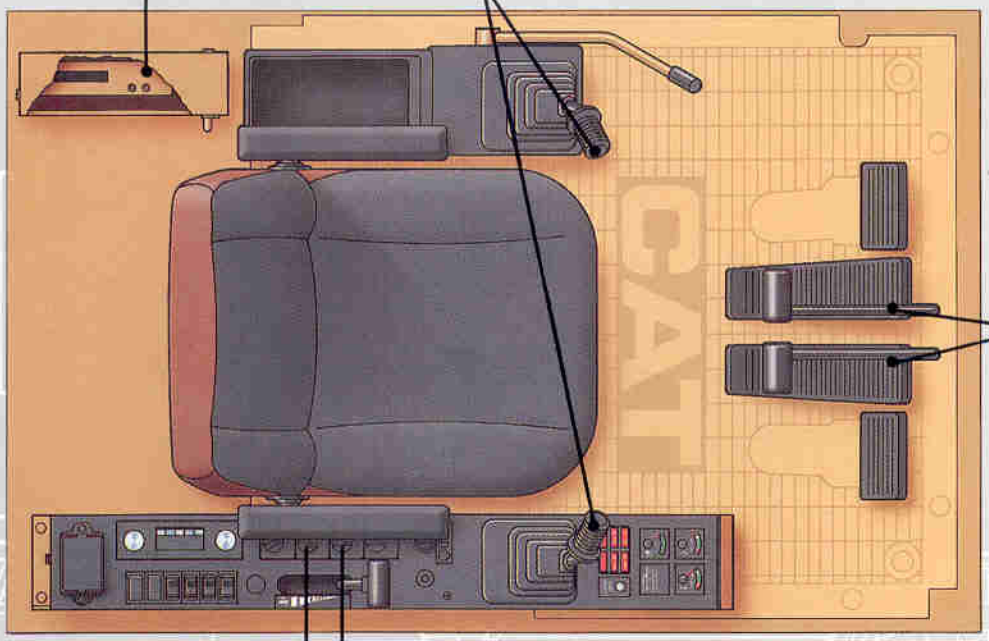
■ **Load-sensing feature**... increases pump flow in direct proportion to joystick movement...operator has precise control.

■ **Low sound levels**... machine is designed to keep noise at a minimum.

- Cab is resiliently mounted to the main frame with rubber dampeners.
- Thick rubber mat reduces sound entry through the floor.
- Headliner, door panel, right sidewall panel and rear panel are urethane-insulated for sound suppression.

■ **Machine monitoring system**...alerts operator to potential component or system problems.

- Red warning light and buzzer provide two-level warning... allow operator to shut down machine before costly damage occurs.
- Red lights for engine coolant temperature, electronic power unit control, engine oil pressure and charging system. Gauges for engine coolant temperature, hydraulic oil temperature and fuel.



■ **Excellent visibility and ventilation.**

- Two-piece windshield, sliding left and rear windows, pull-down right and rear windows allow excellent cross ventilation.
- Retracting the windshield eliminates crossbar from operator's view.
- Large roof hatch improves overhead visibility and adds to ventilation.

■ **Lever and pedal travel controls**...offer maximum versatility – increased productivity.

- Pedals allow operator to work implement joysticks for fine grading and pipehandling.
- Levers allow inching for precise operation.
- Levers can be removed from pedals...gives operator a choice.

■ **Fully adjustable suspension seat available**...for exceptional operator comfort.

- Joystick **lengths are adjustable**...greater ease of operation.
- Switches for Power Selector, Work Selector and Automatic Engine Speed Control are within easy reach on the instrument console.

Undercarriage

Mobility, stability and durability...designed for maximum productivity on the toughest ground conditions.

■ **Two-speed travel motors let operator select fast travel speed** – 5 km/h / **3.1 MPH**-or maximum drawbar pull—17 300 kg/ **38,100 lb**...matches machine performance to work application for greater productivity.

■ **Standard length undercarriage allows good maneuverability in tight work areas**...Optional long undercarriage provides additional flotation in soft underfoot conditions.

■ **Integrated track motors, brakes and final drives**...are enclosed in housings that are narrower than the track shoe width...helps prevent contact damage.

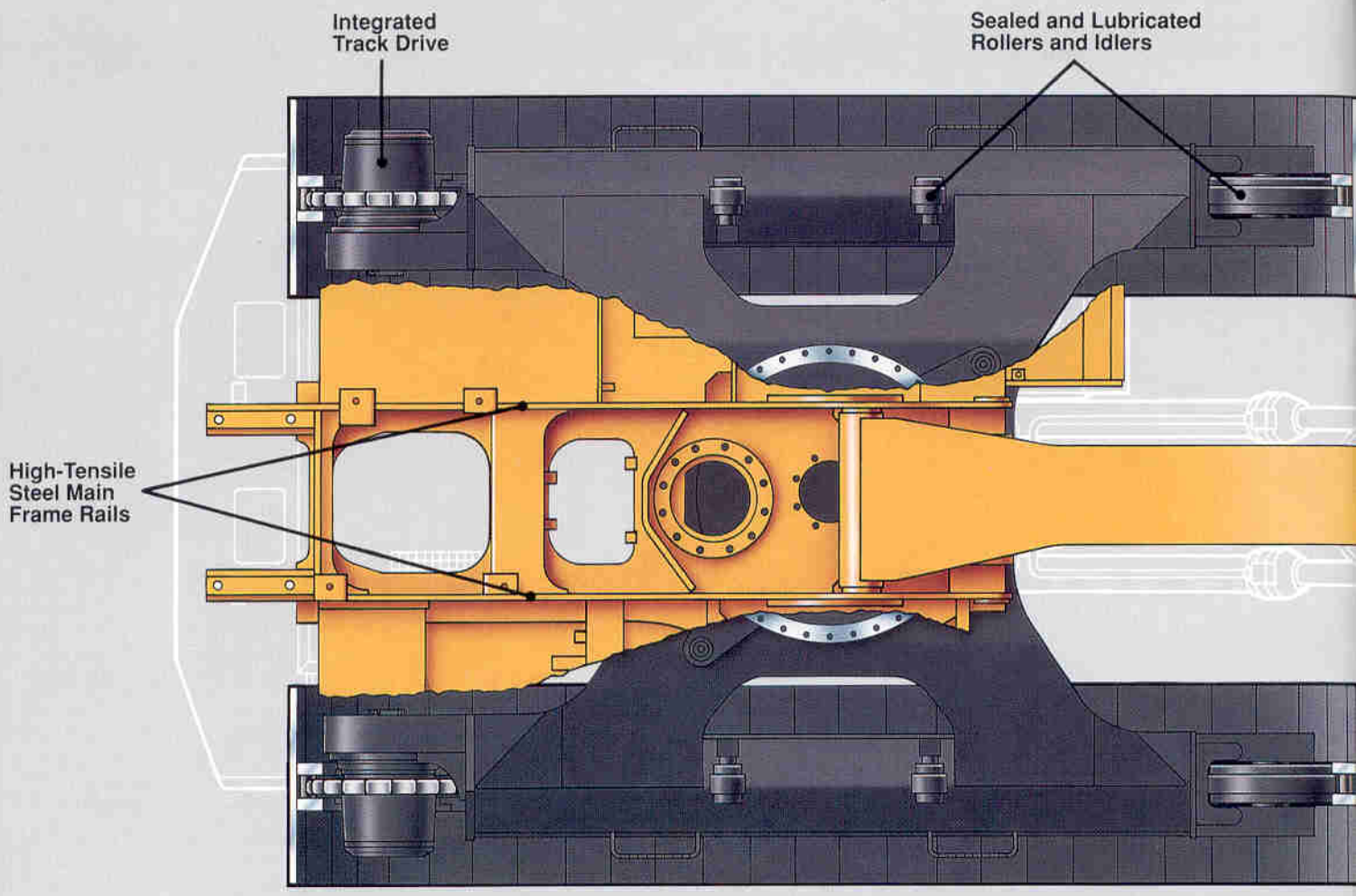
■ **Hydraulic lines are routed through passages in the track roller frames and carbody**... helps protect from possible debris damage.

■ **Sealed and lubricated track rollers and idlers**...give long service life.

■ **Caterpillar Sealed Track with large links and track bolts, Belleville seals and stepless bushings**... provides exceptional durability.

■ **Moving undercarriage**...is designed specifically for the impact and high loading generated by an excavator.



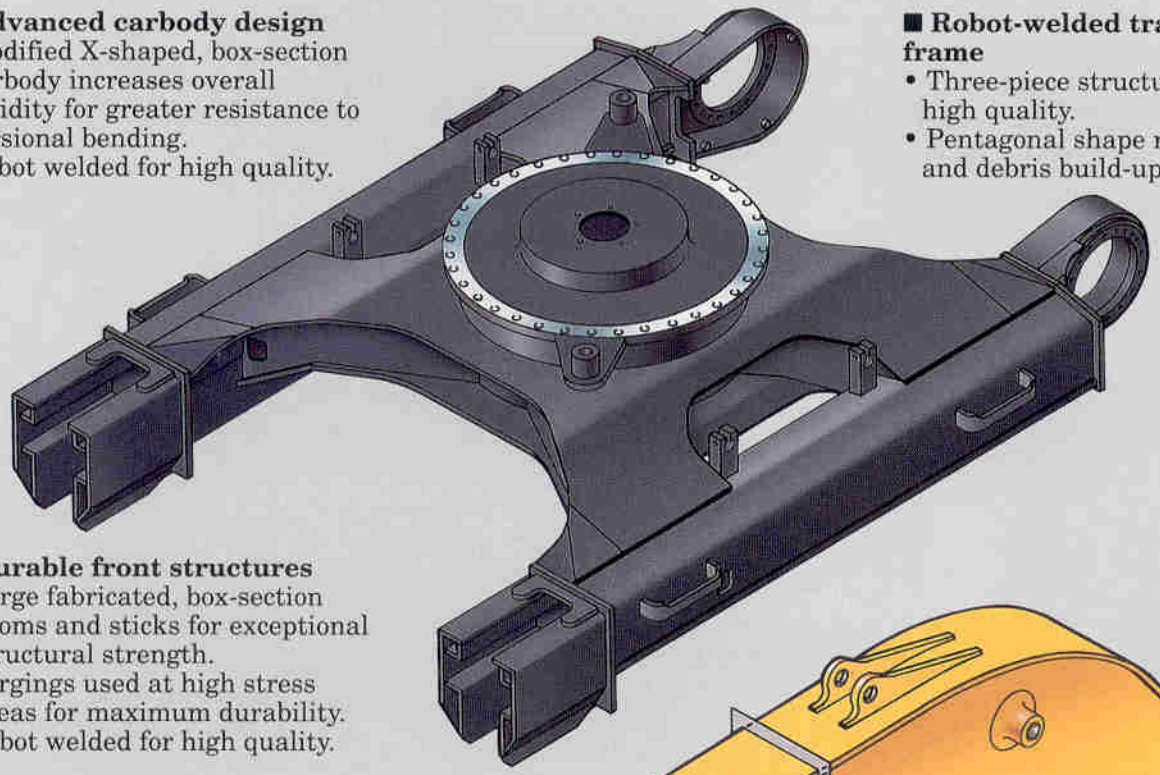


Structure

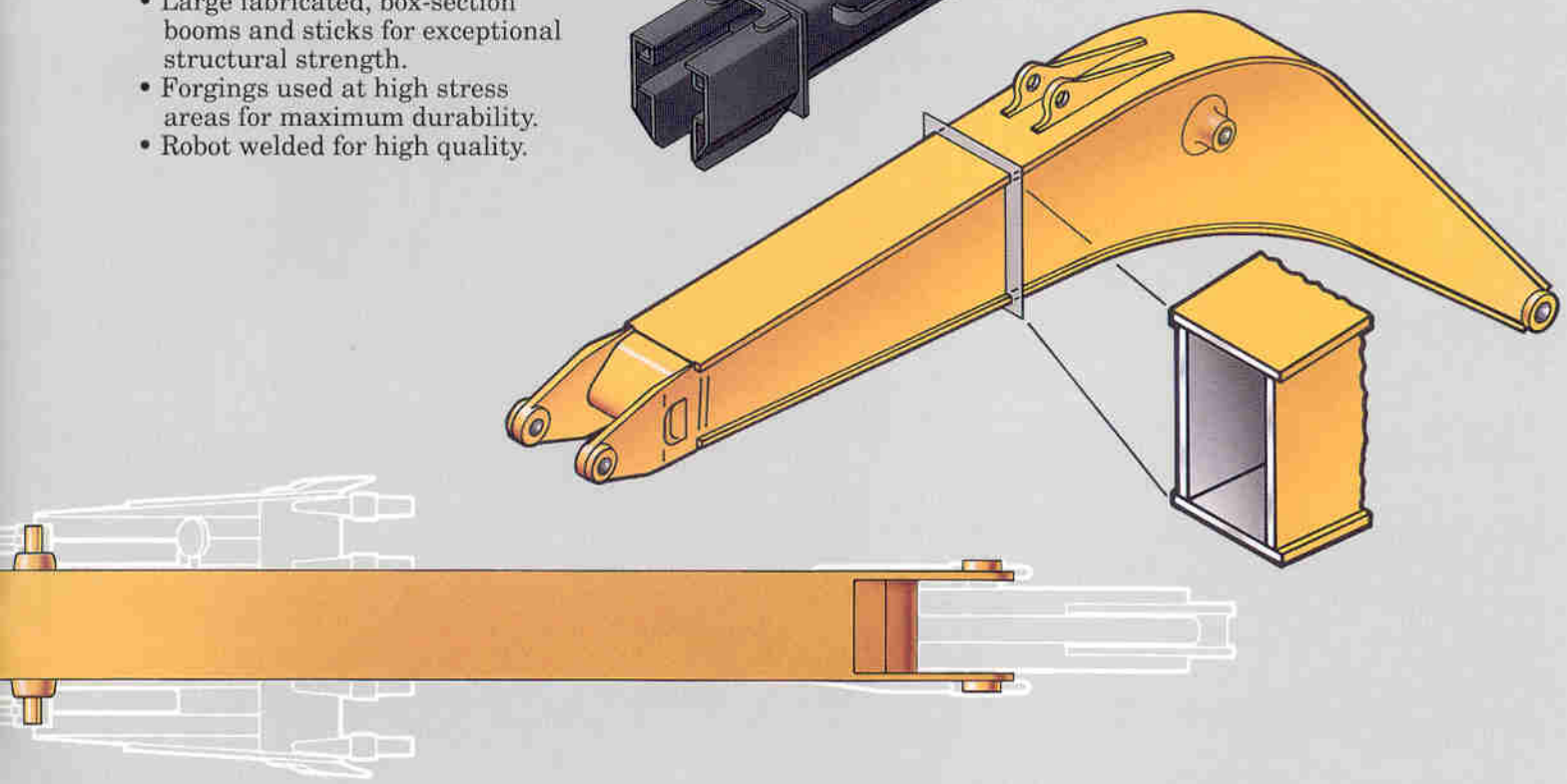
Built to withstand the toughest working conditions.

■ **Advanced carbody design**
- Modified X-shaped, box-section carbody increases overall rigidity for greater resistance to torsional bending.
- Robot welded for high quality.

■ **Robot-welded track roller frame**
- Three-piece structure ensures high quality.
- Pentagonal shape resists mud and debris build-up.



■ **Durable front structures**
- Large fabricated, box-section booms and sticks for exceptional structural strength.
- Forgings used at high stress areas for maximum durability.
- Robot welded for high quality.



Serviceability

Less time spent on maintenance, more time on the job!

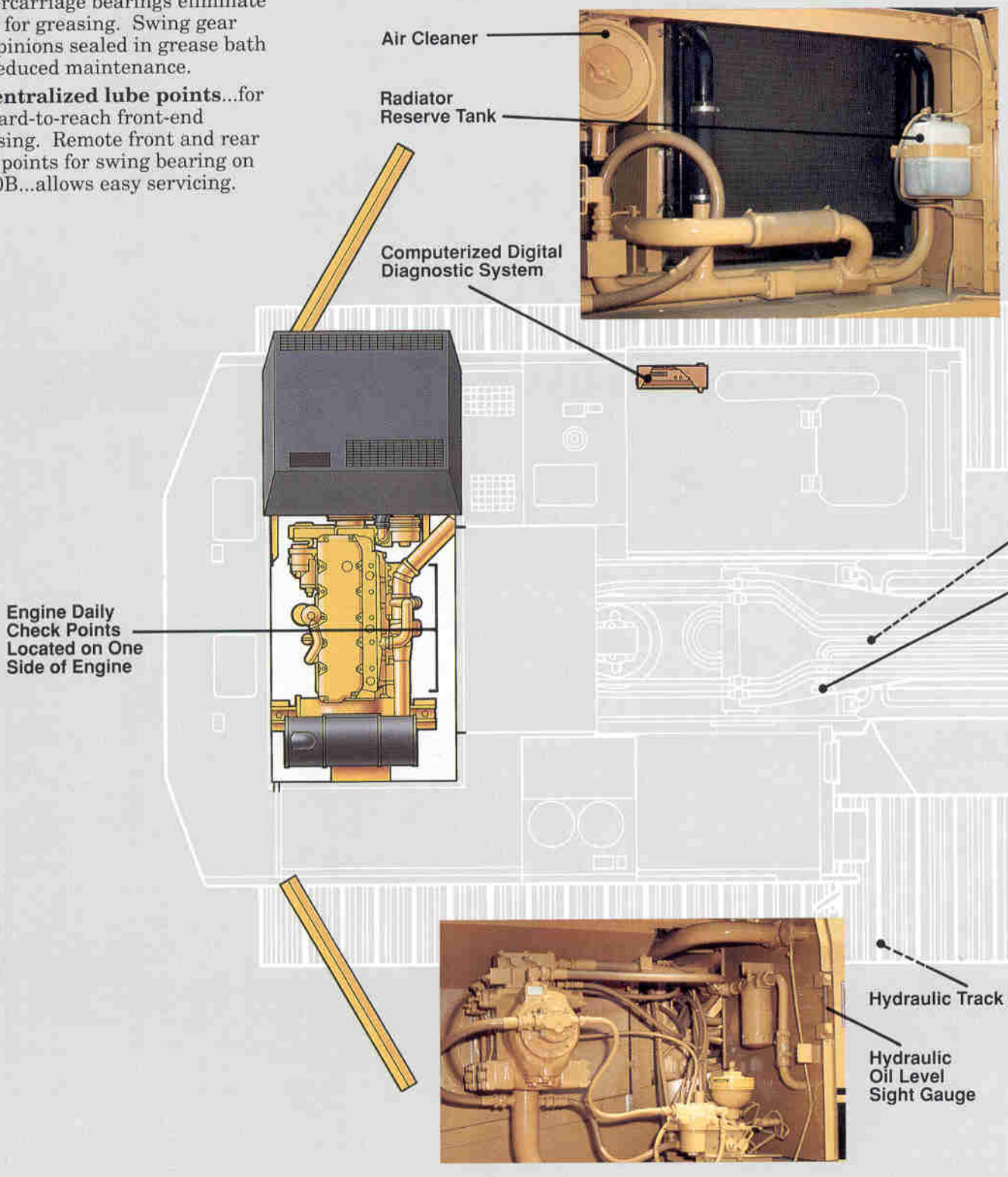
■ **Engine hood, swing-out side doors open wide**...simplify service and inspection of engine, hydraulic equipment filters.

■ **Floating seals**...in all undercarriage bearings eliminate need for greasing. Swing gear and pinions sealed in grease bath for reduced maintenance.

■ **Centralized lube points**...for all hard-to-reach front-end greasing. Remote front and rear lube points for swing bearing on E200B...allows easy servicing.

■ **Self-contained diagnostic panel** for troubleshooting Electronic Power Unit Control operation... simplifies service, reduces downtime.

■ **Key locks**...cab door, padlocks, side panels, engine hood and fuel tank open with same key.

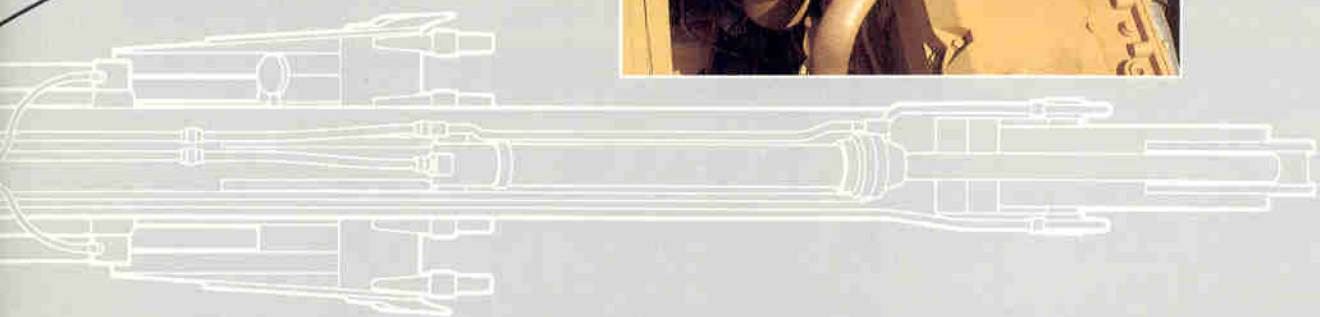


■ **Cat 3116T Engine**...
Rebuildable for a second life!
- Parent-metal cylinder block can be rebored (two times) and dry-sleeved.
- Cast cylinder head has replaceable valve guides and seats.
- Forged, induction-hardened crankshaft can be reground and reused.
- Camshaft followers and pushrods can be removed easily through the side of the engine without removing the camshaft. Followers are mounted to dowelled engine side plates so that no shimming is necessary for alignment during installation.
- Camshaft bearings replaceable without reboring the cylinder block.
- Connecting rods can be removed through the tops of the cylinders for ease of service.
- Water pump can be serviced as a unit or rebuilt.
- Caterpillar Remanufactured cylinder heads, unit injectors, oil pumps, connecting rods, crankshafts, turbochargers, water pumps and starters available for fast, economical repairs.



Swing Bearing Remote Centralized Grease Fittings on E200B

Remote, Centralized Grease Fittings for Front End Attachments



Total Customer Support

■ **Parts availability** – Most Cat parts are immediately available off the shelf. Dealer availability is backed up by Cat's computer-controlled, emergency search system.

■ **Service capability** – Whether in the dealer's fully equipped shop or in the field, you'll get trained servicemen using the latest technology and tooling.

■ **Machine management service** – Cat dealers help manage equipment investments with:
- Effective preventive maintenance programs.
- Diagnostic programs like Scheduled Oil Sampling and Technical Analysis.
- Information to make the most cost-effective repair option decisions.
- Customer meetings, training for operators and mechanics.

■ **Exchange components for quick repairs** – Low-cost components assure maximum, cost-effective uptime.

■ **Literature support** – Easy-to-use operation and maintenance guides help you get the full value out of your equipment investment.

SPECIFICATIONS



Caterpillar Engine

Flywheel power @
1800 rpm.....88 kW/**118 HP**
(Kilowatts (kW) is the International system of units equivalent to horsepower.)

*Net power at the flywheel of the vehicle engine based on SAE J1349 standard conditions, 25°C/**77°F** and 100 kPa/**29.61" Hg.** Fuel is 35 API (15.6°C/**60°F**) gravity having an LHV of 42 780 kJ/kg (**18,390 Btu/lb**)when used at 29.4°C/**85°F** and weighing 828,9 g/L (**7.001 lb/U.S. gal**). Engine is equipped with fan, air cleaner, alternator, water pump, fuel pump, muffler and lubricating oil pump. No derating is required up to 2500 m/**8,200 ft** altitude.*

Caterpillar four-stroke-cycle, 3116 turbocharged diesel Engine with six cylinders, 105 mm/**4.13"** bore, 127 mm/**5.0"** stroke and 6.6 liters/**403 in³** displacement.

Direct-injection fuel system with an individual, adjustment-free unit injector for each cylinder. Cam-ground and tapered, aluminum-alloy pistons have three rings each and are oil cooled. Connecting rods are tapered.

Uniflow cylinder head design eliminates crossover manifold piping. Internal fuel, oil and water passages used instead of external lines. Deep-skirted, cast cylinder block. Induction-hardened, forged crankshaft. Steel camshaft is fully journaled at every block bulkhead. Oscillating roller followers and short pushrods for precision engine timing. Two alloy-steel valves per cylinder.

Direct-electric, 24-volt starting system with a 55-amp alternator and two 12-volt, 100-amp-hour batteries.



Hydraulic System

Two variable-displacement piston pumps power the boom, stick, bucket and travel circuits. One single-section gear pump powers the pilot control circuit.

Main Implement System:
Maximum flow .....2 X 178 liters/min/**2 X 47 GPM**
Maximum pressure.....31.4 MPa/**4550 psi**
Pilot System:
Maximum flow .....13 liters/min/**3.4 GPM**
Maximum pressure.....3.4 MPa/**500 psi**

Boom cylinder is equipped with head-end snubber; bucket cylinder has head- and rod-end snubbers.



Steering

Two rocker pedals with detachable hand levers control steering and travel functions. Controls are pilot-operated for reduced effort. Left pedal and lever control left track; right pedal and lever control right track. When idlers are in front: (1) Pushing both pedals or levers forward moves the excavator straight ahead. (2) Rocking both pedals or pulling both levers backward moves the excavator straight back. (3) Moving one pedal or lever forward and the other pedal or lever backward counter-rotates the tracks for spot turns.



Brakes

Two wet, multiple-disc brakes are used on the final drive input shafts. Spring-applied, hydraulically released. Actuating a travel control automatically releases the brakes. When controls are released, brakes automatically apply.



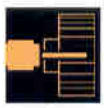
Controls

Two joystick hand levers actuate boom, stick, bucket and swing. (SAE pattern.)

Right lever: Move forward and backward to lower and raise boom. Move left and right to control bucket curl and dump.

Left lever: Move forward and backward to move stick out and in. Move left and right to control direction of swing.

Oblique movement of either lever operates two functions simultaneously. Manually applied lever on the left console completely neutralizes the joystick controls. Angle and length of joysticks are adjustable for greater operator comfort and productivity. Quick disconnects on pilot lines allow fast, easy control pattern changes, according to operator's preferences.



Drive

Fully hydrostatic. Each track is driven by an independent, two-speed, axial-piston hydraulic motor. Triple-reduction, planetary final drives are splash lubricated. Track motors, brakes and final drives are completely enclosed and are narrower than the width of the narrowest track shoes.

Maximum drawbar pull.....17 300 kg/**38,100 lb**

Maximum travel speed.....5 km/h/**3.1 MPH**

Track

Caterpillar designed and built track-type undercarriage. Robot-welded, pentagonal design roller frames with hydraulic track adjusters. Sealed and lubricated track rollers and idlers. Sealed Track with strut-type links and triple-grouser shoes.

	E200B	EL200B
Number of shoes, each side	45	49
Width of standard shoe	600 mm/**24"**	800 mm/**32"**
Overall track length	4075 mm/**13'4"**	4455 mm/**14'7"**
Gauge	2200 mm/**7'3"**	2380 mm/**7'10"**
Track shoe options Triple Grouser Apex	800 mm/**32"** 500 mm/**20"** 800 mm/**32"**	600 mm/**24"** 500 mm/**20"** 800 mm/**32"**
Track rollers, Each side	7	8
Ground clearance	465 mm/**19"**	465 mm/**19"**
Ground pressure	See Track Shoes chart, page 20.	

Swing Mechanism

Fixed-displacement, axial-piston motor powers swing mechanism. Double-reduction, triple planetary swing drive. Splash lubricated. Optional automatic swing holding brake prevents upperstructure drift. Internal oil-disc brake mounts between the swing motor and swing drive. Automatically applied four seconds after swing control is in neutral.

Service Refill Capacities

	Liters	U.S. Gallons
Fuel tank	280	**74**
Cooling	22	**5.8**
Lubrication Engine	15.5	**4.1**
Hydraulic system (includes tank)	250	**66**
Hydraulic tank	150	**40**

Weights

Weights calculated for machine equipped with standard 5750 mm/**18' 10"** boom and standard shoes: 600 mm/**24"** on E200B; 800 mm/**32"** on EL200B

Stick	3860 mm/**12'8"**	2975 mm/**9'9"**	2500 mm/**8'2"**	1900 mm/**6'3"**
Bucket	600 liter/**0.75 yd³**	700 liter/**1.00 yd³**	900 liter/**1.125 yd³**	1000 liter/**1.375 yd³**
Shipping Weight E200B	18 700 kg/**41,200 lb**	18 600 kg/**41,000 lb**	18,600 kg/**41,000 lb**	18 700 kg/ **41,200 lb**
EL200B	20,000 kg/**44,100 lb**	19 900 kg/**43,900 lb**	19 900 kg/**43,900 lb**	20 000 kg/**44,100 lb**
Operating Weight* E200B	18 900 kg/**41,700 lb**	18,800 kg/**41,400 lb**	18 800 kg/**41,400 lb**	18,900 kg/**41,700 lb**
EL200B	20 200 kg/**44,500 lb**	20 100 kg/**44,300 lb**	20 100 kg/**44,300 lb**	20 200 kg/**44,500 lb**

*Includes lubricants, coolant, full fuel tank and operator.

NOTE: For E200B with 800 mm/**32"** shoes, add 500 kg/**1,100 lb**. For EL200B with 600 mm/**24"** shoes, subtract 600 kg/**1,300 lb**.

SPECIFICATIONS

Standard Equipment

NOTE: Standard and optional equipment may vary. Consult your Caterpillar dealer for specifics.

Automatic engine speed control
Cab, sound suppressed, includes:
- Ash tray
- Cigar lighter
- Coat hook
- Floor mat
- Hydraulic system neutralizing lever
- Joysticks, pilot-operated
- Lighting, interior
- Literature compartment
- Roof hatch
- Seat, four-way adjustable with armrests
- Seat belt
- Storage compartment
- Travel control pedals, pilot-operated with levers
- Windows
  - LEXAN sheet used in all windows except windshield and sliding right and rear windows.
- Windshield, two-piece, upper retractable
- Windshield wiper and washer

Handrails
Horn, front
Hydraulic valve, auxiliary
Light, boom (1) LH
Locks, cap and doors, all use same key
Mirrors
Power selector
Steps
Straight travel circuit
Tow eyes
Track, Sealed with
- 600 mm/**24"** shoes, E200B
- 800 mm/**32"** shoes, EL200B

Track guiding guards, idlers and center
Travel alarm (required in U.S.A.)
Work selector

Optional Equipment

Air conditioner
Alarm, travel
Boom, one-piece
Brake, automatic swing holding
Buckets, see pages 18 and 19
Bucket linkage:
- Short stick
- Long stick

Cab riser (700 mm/**27.5"**)
Check valves, boom lowering
Cooling package, high ambient temperature
Guards:
- Swivel
- Vandalism protection

Heater with defroster (3000 kCal/**11,900 Btu**)
Hydraulic hammer installation groups, include lines, controls and valves but not hammers or mounting plate.
Hydraulic lines group, auxiliary, includes lines from auxiliary valve to stick and controls for:
- 1900 mm/**6'3"** stick
- 2500 mm/**8'2"** stick
- 2975 mm/**9'9"** stick
- 3860 mm/**12'8"** stick (ditch cleaning bucket only)

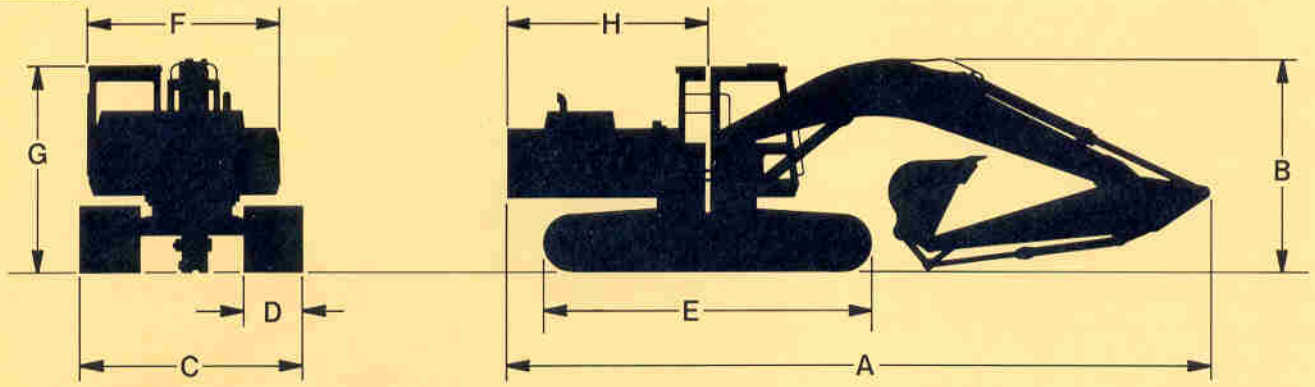
Lights:
- Boom, right
- Engine compartment inspection
- Working, cab mounted

Radio, AM-FM 24-volt
Refueling pump, electric without automatic shut-off
Seat, suspension (deluxe)
Single ripper tooth
Starting aid, ether
Starting kit, cold weather
Sticks
- 1900 mm/**6'3"**
- 2500 mm/**8'2"**
- 2975 mm/**9'9"**
- 3860 mm/**12'8"**
- Telescopic arrangement

Super long reach front, includes boom, stick cylinders, lines and bucket linkage.
Track shoes:
- 800 mm/**32"** triple grouser E200B
- 600 mm/**24"** triple grouser EL 200B
- 500 mm/**20"** triple grouser E200B, EL200B
- 800 mm/**32"** Apex E200B, EL200B

Tool kit (through Parts Department)
VERSA-LINK quick coupling system

Shipping Dimensions



Stick Length	3860 mm/**12'8"**	2975 mm/**9'9"**	2500 mm/**8'2"**	1900 mm/**6'3"**
A Shipping Length*	9485 mm/**31'1"**	9480 mm/**31'1"**	9510 mm/**31'2"**	9705 mm/**31'10"**
B Shipping Height*	3370 mm/**11'1"**	2970 mm/**9'9"**	3000 mm/**9'10"**	3020 mm/**9'11"**
Undercarriage	**E200B**		**EL200B**	
C Shipping Width	2800 mm/**9'2"**		3180 mm/**10'5"**	
D Shoe Width	600 mm/**24"**		800 mm/**32"**	
E Overall Track Length	4075 mm/**13'4"**		4455 mm/**14'7"**	
F House Width	2565 mm/**8'5"**			
G Height Over Cab	2830 mm/**9'3"**			
H Tail Swing Dimension	2750 mm/**9'0"**			

*with 5750 mm/**18'10"** boom.

Major Component Weights

Track

With 800 mm/**32"** triple grouser shoes.

Standard undercarriage .....7120 kg/**15,700 lb**
Long undercarriage.....7950 kg/**17,500 lb**

Counterweight

Standard.....3700 kg/**8160 lb**
Long reach
E200B .....5100 kg/**11,247 lb**
EL200B.....4300 kg/**9483 lb**

Upperstructure

Upperstructure weight .....4630 kg/**10,200 lb**

Sticks

Includes bucket linkage, bucket cylinder, two bucket linkage pins, bucket cylinder pin, boom pin and bucket cylinder hydraulic lines.

1900 mm/**6'3"**.....940 kg/**2070 lb**
2500 mm/**8'2"**.....880 kg/**1940 lb**
2975 mm/**9'9"**.....950 kg/**2090 lb**
3860 mm/**12'8"**.....1120 kg/**2470 lb**

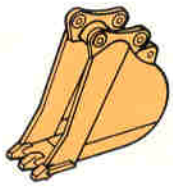
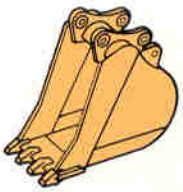
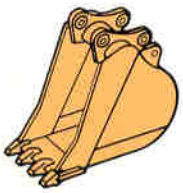
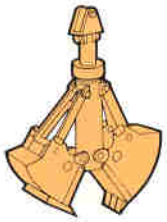
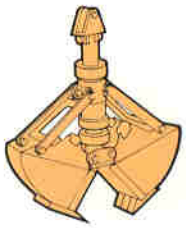
Booms

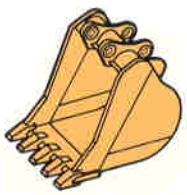
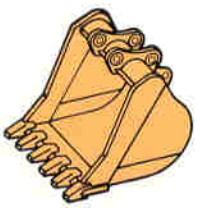
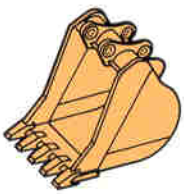
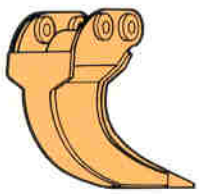
Includes stick cylinder, hydraulic lines and pins for stick cylinder, boom cylinder rod and stick.

Standard boom weight.....1730 kg/**3820 lb**
Long reach boom weight.....1940 kg/**4280 lb**

SPECIFICATIONS

Attachments

Trenching Buckets			Clamshells	
				
400 liter/**0.50 yd³**	600 liter/**0.75 yd³**	700 liter/**1.00 yd³**	400 liter/**0.50 yd³**	600 liter/**0.75 yd³**

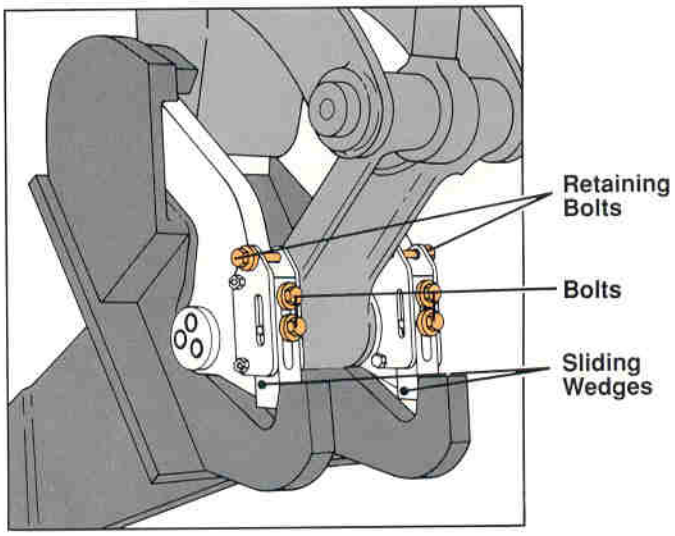
Excavation Buckets			Excavation *(E.S.)	Ripper
				
700 liter/**1.00 yd³**	900 liter/**1.125 yd³**	1000 liter/**1.375 yd³**	800 liter/**1.00 yd³**	--

Caterpillar's buckets curl 181° for excellent load retention and easy digging under obstructions. High-strength, heat-treated steel is used in the primary wear areas.

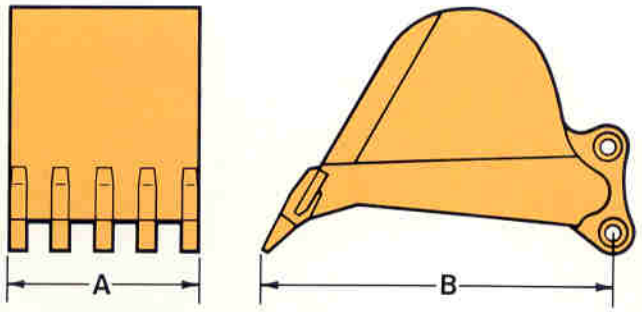
Caterpillar's ***Extreme Service (E.S.) Excavation bucket** is designed for mass excavation in highly abrasive and tough, compacted materials. It has a thicker bucket shell, side plates and cutting edge than the standard excavation bucket.

Cat's VERSA-LINK Quick-Coupling System

The VERSA-LINK quick-coupling system adapts a wide variety of work tools -- buckets, hammers, rippers, compactors and more -- to the E200B and EL200B Excavators. And, changing attachments is easy. Loosen four bolts one turn each, and remove two retainer bolts...Retract the sliding wedges, and reinstall the retaining bolts...Move to the new attachment, and engage it...Remove the retaining bolts, and extend the sliding wedges...Tighten the four bolts, and reinstall the retaining bolts. The whole process takes less than two minutes, and it's back to work!



Specifications



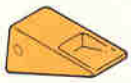
Type	A Bite Width*		B Tip Radius		SAE Capacity		Weight With Tips		Number of Teeth
	mm	in	mm	in	liter	yd³	kg	lb	
Trenching	625	**24**	1500	**59**	400	**0.50**	530	**1169**	3
Trenching**	775	**30**	1500	**59**	600	**0.75**	584	**1288**	4
Trenching**	925	**36**	1500	**59**	700	**1.00**	642	**1416**	5
Excavation**	1075	**42**	1400	**55**	700	**1.00**	653	**1440**	5
Extreme Service Excavation**	1096	**43**	1428	**56**	800	**1.00**	807	**1779**	5
Excavation**	1225	**48**	1400	**55**	900	**1.125**	707	**1559**	6
Excavation**	1375	**54**	1400	**55**	1000	**1.375**	758	**1671**	6
Clamshell	720	**28**	--	--	400	**0.50**	--	--	--
Clamshell	1000	**39**	--	--	600	**0.75**	--	--	--

*Across long tips. **Also available in VERSA-LINK configuration.

Maximum Force

Stick	1900 mm/6'3"		2500 mm/8'2"		2975 mm/9'9"		3860 mm/12'8"	
	kN	lb	kN	lb	kN	lb	kN	lb
Bucket Force	145	**32,600**	114	**25,500**	108	**24,300**	108	**24,300**
Stick Force	133	**29,900**	111	**24,900**	96	**21,600**	80	**18,000**

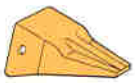
Teeth



Short (severe)...for tough digging.



Long (general purpose) ...for most digging applications.



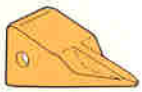
Penetration... self-sharpening for digging in tough, compacted material.



Wide (spade)...easy digging materials, for load retention and clean-up grading.



Sharp (corner)



Sharp (center)

Sharp tip...for maximum penetration. Recommended when penetration is more important than wear life and strength.

Sidecutters



One-piece blade...effective in average digging conditions. Widens bite width 24.7mm/**0.97"** each side.



Strike-off...protects bucket corners from wear. Does not widen bite width.



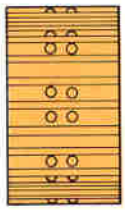
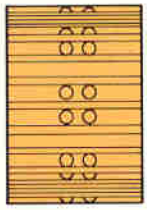
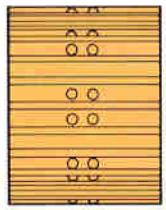
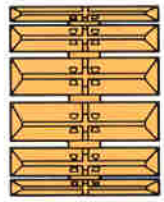
Tooth-type...for severe digging applications. Widens width 48.9 mm/**1.93"** each



Blade with extention...for light to moderate digging conditions. Extension bolts to one-piece blade and widens bit width 52.7 mm/**2.07"** each side.

SPECIFICATIONS

Track Shoes

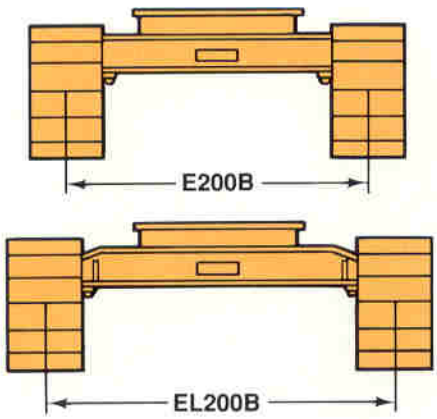
Type		Triple Grouser			Apex
					
Shoe Width		500 mm/**20"**	600 mm/**24"**	800 mm/**32"**	800 mm/**32"**
Ground Pressure*	E200B	51 kPa/**7.5 psi**	43 kPa/**6.3 psi**	33 kPa/**4.9 psi**	33 kPa/**4.9 psi**
	EL200B	48 kPa/**7.0 psi**	41 kPa/**5.9 psi**	31 kPa/**4.6 psi**	31kPa/**4.6 psi**

*Machines are equipped with 1075 mm/**42"** excavation buckets and 2975 mm/**9'9"** sticks.

Two Undercarriage Options

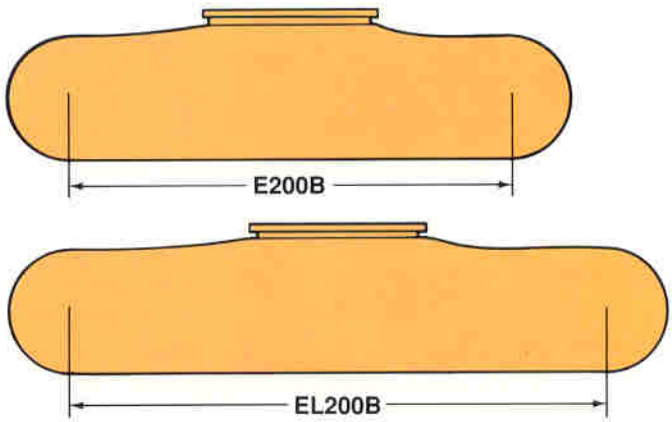
Track Gauge

Two track gauges are available. The E200B, with a standard undercarriage, has a 2200 mm/**7'3"** track gauge to allow easier transport and the maneuverability to work in tight quarters. The EL200B, with its longer undercarriage, has an increased track gauge of 2380 mm/**7'10"** for increased flotation and stability. This wider track gauge also assures easier turning with the longer undercarriage.

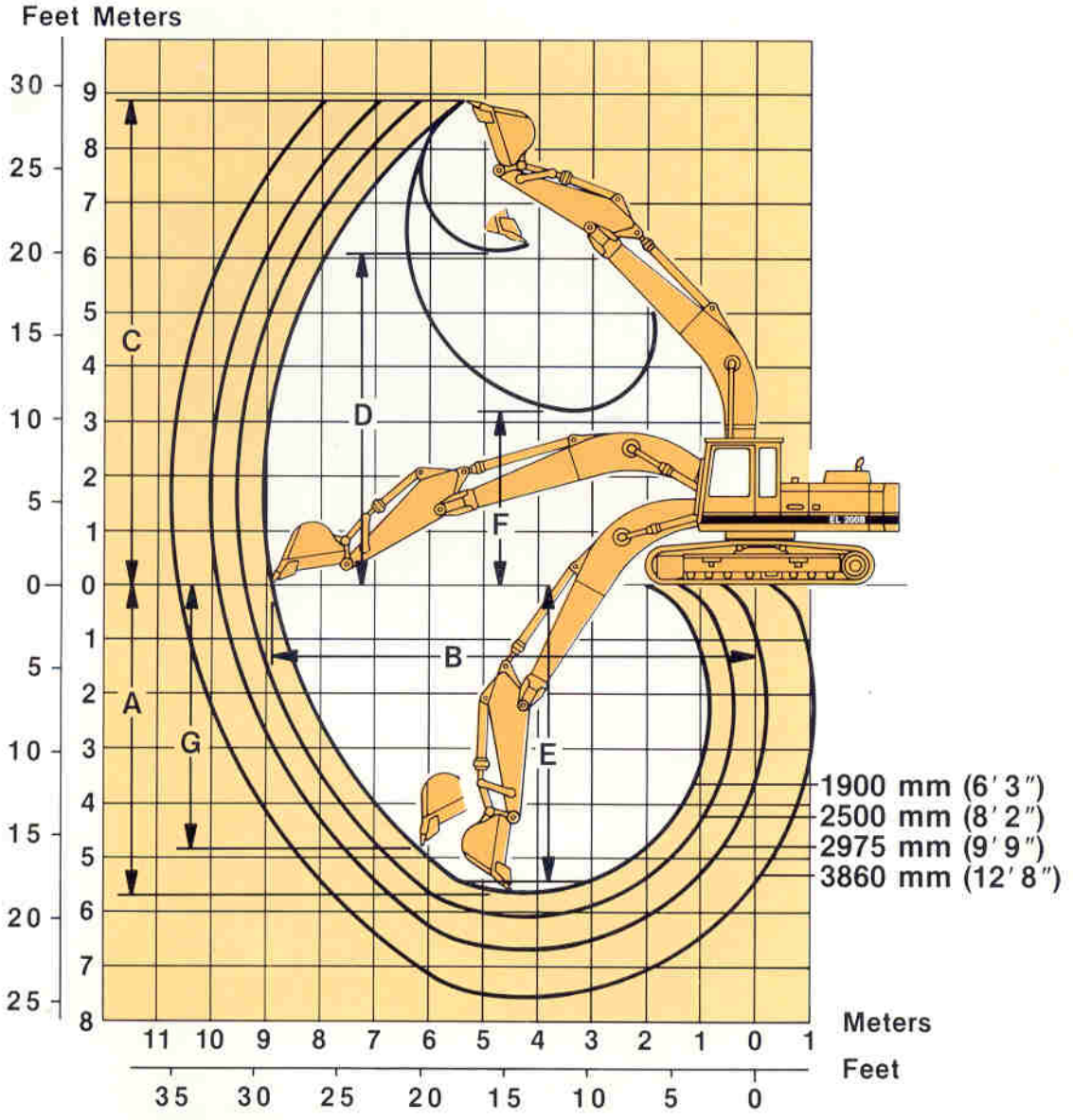


Track Length

The E200B has a standard undercarriage length of 4075 mm/**13'4"** from end to end. It provides a stable work platform for many applications around the world and is well-suited to hard or rock underfoot conditions. The EL200B has a 9% longer undercarriage end-to-end length of 4455 mm/**14'7"**, which provides additional flotation in soft underfoot conditions. The longer undercarriage, combined with the wider track gauge, also provides additional stability for higher lift capacity.



Working Ranges



Stick	3860 mm/**12'8"**	2975 mm/**9'9"**	2500 mm/**8'2"**	1900 mm/**6'3"**
Bucket	600 liter/**0.75 yd³**	700 liter/**1.00 yd³**	900 liter/**1.125 yd³**	1000 liter/**1.375 yd³**
A Maximum digging depth	7595 mm/**24'11"**	6710 mm/**22'0"**	6205 mm/**20'4"**	5680 mm/**18'8"**
B Maximum reach at ground level	10 625 mm/**34'10"**	9855 mm/**32'4"**	9375 mm/**30'9"**	8850 mm/**29'0"**
C Maximum cutting height	9655 mm/**31'8"**	9445 mm/**31'0"**	9160 mm/**30'1"**	8880 mm/**29'2"**
D Maximum loading height	6930 mm/**22'9"**	6690 mm/**21'11"**	6500 mm/**21'4"**	6050 mm/**19'10"**
E Maximum digging depth at 2440 mm/8' flat floor	7445 mm/**24'5"**	6535 mm/**21'5"**	6000 mm/**19'8"**	5420 mm/**17'9"**
F Minimum loading height	1420 mm/**4'8"**	2305 mm/**7'7"**	2815 mm/**9'3"**	3335 mm/**10'11"**
G Maximum vertical wall	6730 mm/**22'1"**	6080 mm/**19'11"**	5300 mm/**17'5"**	4820 mm/**15'10"**

SPECIFICATIONS

Long Reach Configuration



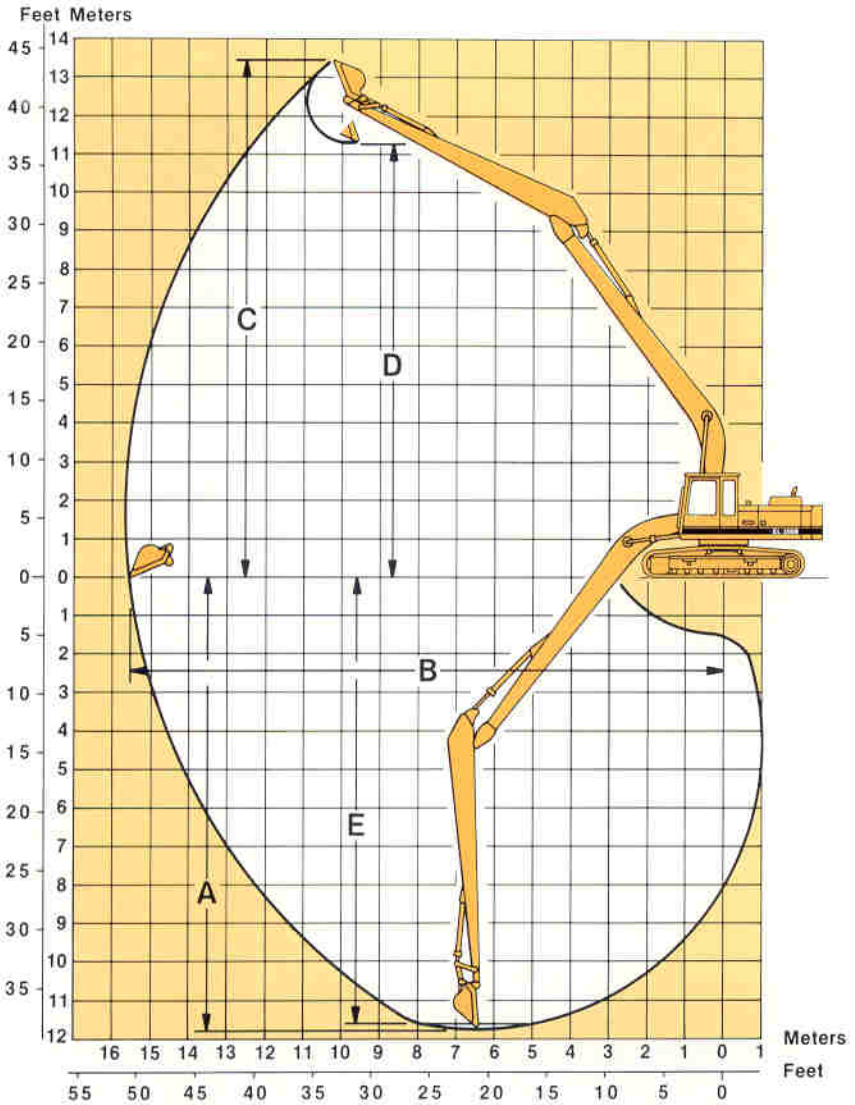
The long reach excavator offers unprecedented power and performance for river conservation and dredging work formerly reserved for drag lines. Even under soft and swampy conditions, where most conventional excavators are not suitable, the long reach machine enables river-side operation. A ditch cleaning bucket is available for dredging sludge deposits and mud from river beds and canals. Holes in the bucket allow water to drain.

Note: This attachment is for river conservation and dredging work, and is not intended for ordinary excavation.

Long Reach Configuration

Boom Length	Stick Length	Bucket Capacity	
		Backhoe	Ditch-cleaning
8750 mm/**28'8"**	6785 mm/**22'4"**	600 liter/**.75 yd³**	400 liter/**.50 yd³**

Working Range-Long Reach Configuration



A Maximum digging depth	11 717 mm/**38'5"**
B Maximum reach at ground level	15 634 mm/**51'4"**
C Maximum cutting height.....	13 484 mm/**44'3"**
D Maximum loading height	11 367 mm/**37'4"**
E Maximum digging depth at 2440 mm/**8'** flat floor.....	11 275 mm/**37'0"**

Long Reach Transport Dimensions

Model	E200B	EL200B
Overall machine length (front folded)	12 500 mm/**41'0"**	12 500 mm/**41'0"**
Overall height (to top of boom)	3220 mm/**10'7"**	3220 mm/**10'7"**
Overall width.....	2800 mm/**9'2"**	3180mm/**10'5"**

SPECIFICATIONS

Lift Capacities

STICK — 1900 mm/6' 3"
SHOE — 800 mm/32" triple grouser

E200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m 25.0 ft	kg lb							*3800 *8250	*3800 *8250					*3700 *8200	3300 7500	6.54 21.06
6.0 m 20.0 ft	kg lb							*4150 *9200	3700 7850	*3650 *7950	2450 5250			*3600 *7950	2350 5200	7.70 25.07
4.5 m 15.0 ft	kg lb					*5250 *11,300	*5250 *11,300	*4400 *9550	3550 7650	3750 8000	2350 5000			3100 6800	1900 4150	8.36 27.36
3.0 m 10.0 ft	kg lb					*7100 *15,100	5200 11,200	*5100 *10,950	3300 7100	3600 7750	2250 4750			2800 6200	1700 3700	8.67 28.42
1.5 m 5.0 ft	kg lb					8000 17,150	4750 10,200	5050 10,800	3050 6600	3500 7500	2100 4500			2750 6050	1650 3550	8.66 28.42
Ground Line	kg lb					7800 16,650	4550 9750	4850 10,450	2900 6250	3400 7300	2050 4350			2900 6350	1700 3750	8.34 27.36
-1.5 m -5.0 ft	kg lb			*6350 *14,300	*6350 *14,300	7800 16,700	4600 9800	4800 10,350	2900 6150	3400 7300	2050 4350			3350 7400	2000 4400	7.66 25.07
-3.0 m -10.0 ft	kg lb			*8950 *19,400	*8950 *19,400	*7450 *16,100	4700 10,050	4900 10,500	2950 6300					*3550 *7550	2750 6150	6.47 21.07
-4.5 m -15.0 ft	kg lb					*5500 *11,650	4950 10,600							*4550 *10,200	4250 9550	5.00 16.12

STICK — 1900 mm/6' 3"
SHOE — 800 mm/32" triple grouser

EL200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m 25.0 ft	kg lb							*3800 *8250	*3800 *8250					*3700 *8200	3700 *8200	6.54 21.06
6.0 m 20.0 ft	kg lb							*4150 *9200	4150 8850	*3650 *7950	2800 5950			*3600 *7950	2650 5900	7.70 25.07
4.5 m 15.0 ft	kg lb					*5250 *11,300	*5250 *11,300	*4400 *9550	4050 8650	*4050 *8750	2700 5750			*3650 *8000	2200 4800	8.36 27.36
3.0 m 10.0 ft	kg lb					*7100 *15,100	5900 12,750	*5100 *10,950	3800 8100	*4300 9400	2550 5450			3450 7550	1950 4300	8.67 28.42
1.5 m 5.0 ft	kg lb					*8300 *17,900	5450 11,750	*5800 *12,500	3550 7550	4250 9150	2450 5250			3350 7400	1900 4150	8.66 28.42
Ground Line	kg lb					*8800 *19,000	5250 11,300	5950 12,800	3350 7250	4200 8950	2350 5050			3550 7800	2000 4400	8.34 27.36
-1.5 m -5.0 ft	kg lb			*6350 *14,300	*6350 *14,300	*8350 *18,100	5300 11,350	5900 12,700	3350 7150	4150 8950	2350 5050			4100 9000	2350 5150	7.66 25.07
-3.0 m -10.0 ft	kg lb			*8950 *19,400	*8950 *19,400	*7450 *16,100	5400 11,600	*5650 *12,050	3400 7300					*3550 *7550	3200 7100	6.47 21.07
-4.5 m -15.0 ft	kg lb					*5500 *11,650	*5500 *11,650							*4550 *10,200	*4550 *10,200	5.00 16.12

Lift Capacities

STICK — 2500 mm/8' 2"
SHOE — 800 mm/32" triple grouser

E200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg													*2800	*2800	7.26
25.0 ft	lb							*5150	*5150					*6200	*6200	23.47
6.0 m	kg							*3900	*3900	*3100	2600			*2650	2150	8.30
20.0 ft	lb							*8550	8400	*6550	5600			*5850	4800	27.07
4.5 m	kg							*4200	3800	3900	2500			*2650	1800	8.92
15.0 ft	lb							*9150	8150	8350	5350			*5850	4000	29.19
3.0 m	kg			*10 400	*10 400	*6500	5600	*4950	3550	3800	2450	2800	1750	2700	1650	9.21
10.0 ft	lb			*22,000	*22,000	*13,900	12,100	*10,650	7650	8200	5150	6000	3700	5900	3600	30.21
1.5 m	kg					*8200	5050	5300	3300	3700	2300	2750	1700	2650	1600	9.22
5.0 ft	lb					*17,600	10,900	11,350	7100	7900	4900	5050	3550	5750	3500	30.25
Ground	kg			*4150	*4150	8050	4800	5100	3150	3600	2200			2750	1650	8.93
Line	lb			*9250	*9250	17,250	10,350	10,900	6700	7700	4700			6000	3650	29.31
-1.5 m	kg	*3850	*3850	*5650	*5650	8000	4750	5000	3050	3550	2150			3050	1850	8.33
-5.0 ft	lb	*8450	*8450	*13,250	*13,250	17,100	10,200	10,700	6550	7600	4650			6750	4100	27.28
-3.0 m	kg	*7700	*7700	*11 150	9700	8050	4800	5000	3050					3800	2350	7.30
-10.0 ft	lb	*17,450	*17,450	*24,200	20,700	17,250	10,350	10,750	6600					8450	5250	23.82
-4.5 m	kg			*8950	*8950	*6800	5000							*4150	3950	5.37
-15.0 ft	lb			*19,250	*19,250	*14,550	10,700							*9600	8800	17.54

STICK — 2500 mm/8' 2"
SHOE — 800 mm/32" triple grouser

EL200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg													*2800	*2800	7.26
25.0 ft	lb							*5150	*5150					*6200	*6200	23.47
6.0 m	kg							*3900	*3900	*3100	2950			*2650	2450	8.30
20.0 ft	lb							*8550	*8550	*6550	6350			*5850	5500	27.07
4.5 m	kg							*4200	*4200	*4000	2850			*2650	2100	8.92
15.0 ft	lb							*9150	9150	*8750	6050			*5850	4600	29.19
3.0 m	kg			*10 400	*10 400	*6500	6350	*4950	4050	*4250	2750	*2050	2000	*2750	1900	9.21
10.0 ft	lb			*22,000	*22,000	*13,900	13,700	*10,650	8650	*9250	5900	*6050	4250	*6000	4200	30.21
1.5 m	kg					*8200	5800	*5750	3800	4450	2650	*3100	1950	*2900	1850	9.22
5.0 ft	lb					*17,600	12,450	*12,400	8100	9550	5650	*6550	4150	*6400	4050	30.25
Ground	kg			*4150	*4150	*8950	5550	6200	3600	4350	2550			*3250	1900	8.93
Line	lb			*9250	*9250	*19,350	11,850	13,300	7700	9350	5450			*7100	4200	29.31
-1.5 m	kg	*3850	*3850	*5650	*5650	*8950	5450	6100	3500	4300	2500			3700	2150	8.33
-5.0 ft	lb	*8450	*8450	*13,250	*13,250	*19,300	11,750	13,050	7550	9250	5350			8150	4750	27.28
-3.0 m	kg	*7700	*7700	*11 150	*11 150	*8300	5550	6100	3550					*4200	2700	7.30
-10.0 ft	lb	*17,450	*17,450	*24,200	24,100	*17,900	11,850	13,100	7550					*9150	6050	23.82
-4.5 m	kg			*8950	*8950	*6800	5700							*4150	*4150	5.37
-15.0 ft	lb			*19,250	*19,250	*14,550	12,250							*9600	*9600	17.54

SPECIFICATIONS

Lift Capacities

STICK — 2975 mm/9' 9"
SHOE — 800 mm/32" triple grouser

E200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg									*2300	*2300			*2200	*2200	7.84
25.0 ft	lb									*4900	*4900			*4850	*4850	25.39
6.0 m	kg									*2700	2600			*2100	2000	8.80
20.0 ft	lb									*5750	5650			*4600	4400	28.71
4.5	kg							*3900	*3900	*3700	2600	*2250	1850	*2100	1700	9.38
15.0 ft	lb							*8450	8400	*8150	5550	*4700	3950	*4600	3750	30.70
3.0 m	kg			*9250	*9250	*5900	5850	*4650	3650	3900	2500	*2500	1750	*2150	1550	9.65
10.0 ft	lb			*19,850	*19,850	*12,650	12,550	*10,000	7850	8350	5300	*5300	3750	*4750	3400	31.66
1.5 m	kg			*4600	*4600	*7700	5250	5400	3400	3750	2350	2750	1700	*2300	1500	9.66
5.0 ft	lb			*10,600	*10,600	*16,550	11,250	11,550	7300	8050	5050	*5800	3600	*5050	3250	31.69
Ground	kg			*3500	*3500	8100	4900	5150	3200	3650	2250	2700	1650	*2550	1550	9.39
Line	lb			*7800	*7800	17,400	10,500	11,050	6850	7750	4800	5800	3500	*5600	3350	30.80
-1.5 m	kg	*3100	*3100	*6350	*6350	8000	4750	5000	3100	3550	2200			2800	1700	8.82
-5.0 ft	lb	*6850	*6850	*14,500	*14,500	17,100	10,200	10,750	6600	7600	4650			6200	3750	28.89
-3.0 m	kg	*7650	*7650	*11 850	9500	8000	4800	5000	3050	3550	2200			3400	2100	7.87
-10.0 ft	lb	*17,350	*17,350	*26,350	20,350	17,150	10,250	10,750	6550	7650	4700			7500	4650	25.69
-4.5 m	kg			*10 150	9750	*7450	4900	5100	3150					*3250	3100	6.33
-15.0 ft	lb			*21,900	20,950	*15,950	10,550	11,000	6800					*7150	6950	20.48

STICK — 2975 mm/9' 9"
SHOE — 800 mm/32" triple grouser

EL200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg									*2300	*2300			*2200	*2200	7.84
25.0 ft	lb									*4900	*4900			*4850	*4850	25.39
6.0 m	kg									*2700	*2700			*2100	*2100	8.80
20.0 ft	lb									*5750	*5750			*4600	*4600	28.71
4.5	kg							*3900	*3900	*3700	2950	*2250	2100	*2100	1950	9.38
15.0 ft	lb							*8450	*8450	*8150	6250	*4700	4500	*4600	4300	30.70
3.0 m	kg			*9250	*9250	*5900	*5900	*4650	4150	*4050	2850	*2500	2000	*2150	1800	9.65
10.0 ft	lb			*19,850	*19,850	*12,650	*12,650	*10,000	8900	*8800	6050	*5300	4350	*4750	3900	31.66
1.5 m	kg			*4600	*4600	*7700	5950	*5500	3850	*4450	2700	*2800	1950	*2300	1750	9.66
5.0 ft	lb			*10,600	*10,600	*16,550	12,850	*11,850	8300	*9700	5750	*5800	4200	*5050	3800	31.69
Ground	kg			*3500	*3500	*8800	5600	*6200	3650	4400	2600	*2950	1900	*2550	1800	9.39
Line	lb			*7800	*7800	*18,950	12,000	*13,350	7800	9400	5500	*6100	4100	*5600	3900	30.80
-1.5 m	kg	*3100	*3100	*6350	*6350	*9000	5500	6100	3550	4300	2500			*2950	2000	8.82
-5.0 ft	lb	*6850	*6850	*14,500	*14,500	*19,500	11,750	13,150	7550	9250	5400			*6500	4350	28.89
-3.0 m	kg	*7650	*7650	*11 850	11 100	*8600	5500	6100	3500	4300	2500			*3650	2400	7.87
-10.0 ft	lb	*17,350	*17,350	*26,350	23,700	*18,600	11,800	13,100	7550	9300	5400			*8100	5350	25.69
-4.5 m	kg			*10 150	*10 150	*7450	5650	*5450	3600					*3250	*3250	6.33
-15.0 ft	lb			*21,900	*21,900	*15,950	12,100	*11,550	7800					*7150	*7150	20.48

Lift Capacities

STICK — 3860 mm/12' 8"
SHOE — 800 mm/32" triple grouser

E200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg									*2100	*2100			*1700	*1700	8.81
25.0 ft	lb									*4450	*4450			*3700	*3700	28.63
6.0 m	kg									*3000	2800	*1800	*1800	*1650	*1650	9.67
20.0 ft	lb									*6650	5950	*3800	*3800	*3550	*3550	31.57
4.5 m	kg									*3200	2750	*2250	1850	*1650	1500	10.19
15.0 ft	lb									*6950	5800	*4350	3950	*3550	3250	33.37
3.0 m	kg							*3950	3850	*3600	2600	2900	1800	*1700	1350	10.44
10.0 ft	lb							*8600	8250	*7800	5550	6150	3850	*3700	2950	34.25
1.5 m	kg			*7450	*7450	*6650	5550	*4900	3550	3850	2450	2800	1750	*1800	1300	10.45
5.0 ft	lb			*17,100	*17,100	*14,250	11,950	*10,600	7600	8250	5200	6000	3700	*3950	2850	34.28
Ground	kg	*2300	*2300	*4500	*4500	*8150	5050	5250	3300	3700	2300	2750	1650	*2000	1350	10.20
Line	lb	*5000	*5000	*10,400	*10,400	*17,600	10,850	11,250	7050	7900	4900	5850	3550	*4400	2900	33.47
-1.5 m	kg	*3600	*3600	*6650	*6650	8000	4800	5050	3100	3550	2200	2700	1600	*2300	1450	9.69
-5.0 ft	lb	*8050	*8050	*15,100	*15,100	17,200	10,250	10,850	6650	7650	4650	5700	3450	*5100	3150	31.74
-3.0 m	kg	*6650	*6650	*10 050	9250	7950	4700	4950	3050	3500	2150			2800	1700	8.84
-10.0 ft	lb	*14,900	*14,900	*22,800	19,850	17,000	10,100	10,650	6500	7550	4600			6150	3750	28.90
-4.5 m	kg	*10 150	*10 150	*11 950	9450	8000	4800	5000	3050	3550	2200			3650	2250	7.54
-15.0 ft	lb	*22,900	*22,900	*25,800	20,250	17,150	10,250	10,750	6550					8150	5050	24.50
-6.0 m	kg			*9300	*9300	*6650	4950							*4400	4000	5.34
-20.0 ft	lb			*19,750	*19,750	*14,000	10,700							*9750	8950	17.32

STICK — 3860 mm/12' 8"
SHOE — 800 mm/32" triple grouser

EL200B

LOAD POINT HEIGHT		LOAD RADIUS												LOAD AT MAXIMUM REACH		
		1.5 m/5.0 ft.		3.0 m/10.0 ft.		4.5 m/15.0 ft.		6.0 m/20.0 ft.		7.5 m/25.0 ft.		9.0 m/30.0 ft				
		OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	OVER FRONT	OVER SIDE	m ft
7.5 m	kg									*2100	*2100			*1700	*1700	8.81
25.0 ft	lb									*4450	*4450			*3700	*3700	28.63
6.0 m	kg									*3000	*3000	*1800	*1800	*1650	*1650	9.67
20.0 ft	lb									*6650	*6650	*3800	*3800	*3550	*3550	31.57
4.5 m	kg									*3200	3050	*2250	2150	*1650	*1650	10.19
15.0 ft	lb									*6950	6550	*4350	*4350	*3550	*3550	33.37
3.0 m	kg							*3950	*3950	*3600	2950	*3250	2100	*1700	1550	10.44
10.0 ft	lb							*8600	*8600	*7800	6300	*6500	4400	*3700	3450	34.25
1.5 m	kg			*7450	*7450	*6650	6300	*4900	4000	*4100	2800	3400	2000	*1800	1500	10.45
5.0 ft	lb			*17,100	*17,100	*14,250	13,500	*10,600	8600	*8850	5950	7250	4250	*3950	3350	34.28
Ground	kg	*2300	*2300	*4500	*4500	*8150	5750	*5750	3750	4450	2650	3300	1950	*2000	1550	10.20
Line	lb	*5000	*5000	*10,400	*10,400	*17,600	12,400	*12,450	8000	9550	5600	7100	4100	*4400	3400	33.47
-1.5 m	kg	*3600	*3600	*6650	*6650	*8900	5500	6150	3550	4350	2500	3250	1850	*2300	1700	9.69
-5.0 ft	lb	*8050	*8050	*15,100	*15,100	*19,200	11,800	13,200	7650	9300	5400	6950	4000	*5100	3700	31.74
-3.0 m	kg	*6650	*6650	*10 050	*10 050	*8900	5450	6050	3500	4300	2500			*2850	1950	8.84
-10.0 ft	lb	*14,900	*14,900	*22,800	*22,800	*19,300	11,650	13,000	7450	9200	5300			*6250	4350	28.90
-4.5 m	kg	*10 150	*10 150	*11 950	*11 050	*8250	5500	*6100	3500	4350	2500			*3850	2600	7.54
-15.0 ft	lb	*22,900	*22,900	*25,800	23,650	*17,800	11,800	*13,050	7550					*8500	5800	24.50
-6.0 m	kg			*9300	*9300	*6650	5700							*4400	*4400	5.34
-20.0 ft	lb			*19,750	*19,750	*14,000	12,250							*9750	*9750	17.32

The Competitive Edge

Performance

- Largest effective working envelope of any major competitor...maximum digging depth superior to leading competitors without the use of stick extensions.
- Superior lift capacity...at ground line, 25 feet out, machine outlifts all major competitors.
- Superior mobility...two-speed track motors for greater travel speeds and drawbar pull.
- Superior stability...EL200B has the longest undercarriage of any leading competitor in its size class.
- Power selector...operator has choice of power settings to match job requirements.
- Work selector...operator selects flow priority to meet work application.
- Auxiliary valve standard...has capacity to deliver two-pump flow with high performance hydraulic arrangement for the most demanding applications.
- Cat 3116T engine...state-of-the-art power plant with high-pressure, unit-injector fuel system.

Reliable/Durable

- Advanced carbody design...modified X-shape carbody resists torsional bending for long service life.
- Durable front structures...large, fabricated box-section booms and sticks with forgings at high stress areas for superior structural strength.
- Robot-welded track roller frames and carbody...consistently high quality welds.
- Moving undercarriage...designed specifically for impact and high loads in excavator applications.
- Integral track motors...completely sealed, narrower than the narrowest track shoes...lines routed through carbody legs...help provide protection for travel mechanism.

Maintenance/Repair

- Self-contained diagnostic panel...quick, easy troubleshooting of Engine Power Unit Control simplifies service.
- Modular components...removable as individual units, can be field installed for less downtime, shoptime..
- Monitoring system...guards against costly, time-consuming failures when gauges aren't properly monitored.

Operating Ease/Comfort

- Pilot-operated controls...greater operator comfort and productivity.
- Two-piece windshield, large roof hatch...for excellent visibility and ventilation.
- Four-way adjustable seat...for greater operator comfort. Suspension seat available.

Total Customer Support System

- Parts availability – most Cat parts on dealer's shelf when you need them – computer-controlled, emergency search system back-up.
- Service capability – dealer's shop or fast field service – trained servicemen – latest tools and technology.
- Machine management services – effective preventive maintenance programs, diagnostic programs (Scheduled Oil Sampling, Technical Analysis), cost-effective repair options, customer meetings, operator and mechanic training.
- Exchange components for quick repairs – choose remanufactured products or rebuilt components for maximum availability and lower costs.
- Literature support – easy-to-use operation and maintenance guides help you get the maximum value out of your equipment investment.
- Flexible financing – your dealer can help arrange attractive financing on the entire line of Cat equipment. Terms structured to meet your cash flow requirements. See how affordable and easy it is to own Cat equipment.

Custom Machine Products

In addition to the standard range of optional equipment, special attachments and machine configurations to suit particular customer applications can be made. Contact your Caterpillar dealer for details on matching the Caterpillar product to your special applications.

Helping you get more done

CATERPILLAR

Materials and specifications are subject to change without notice.

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