

SUPER LONG REACH & LONG REACH EXCAVATION

EXCAVATORS



320 SLR / 323 SLR / 326 SLR / 330 SLR
340 LRE / 352 LRE



GO THE DISTANCE

CAT® SUPER LONG REACH AND LONG REACH EXCAVATION EXCAVATORS

Whether cleaning ditches, canals, and waterways, or doing heavier-duty work like dredging and long-distance excavation, count on Cat® Next Generation Super Long Reach and Long Reach Excavation Excavators to expand how you work.



Work at greater distances with better fuel economy, more comfort, and improved efficiency with Cat Next Generation Super Long Reach (SLR) and Long Reach Excavation (LRE) Excavators.

SUPER LONG REACH EXCAVATORS

- + 320
- + 323
- + 326
- + 330

LONG REACH EXCAVATION EXCAVATORS

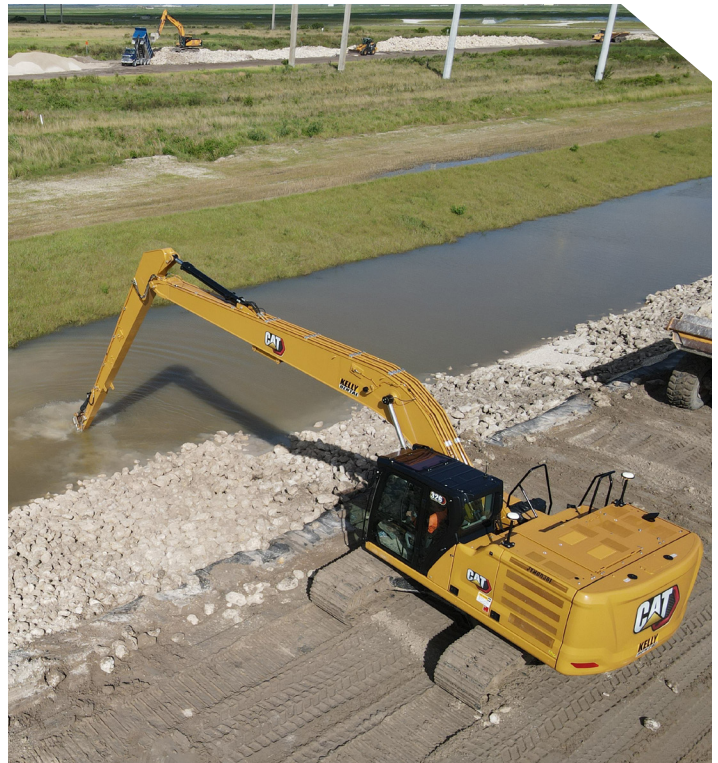
- + 340
- + 352

MADE TO MATCH YOUR WORK

When your work is a little farther away, reach for Cat Super Long Reach and Long Reach Excavators. They are specialized machines designed to perform despite the unique challenges of working at distance.

Super long reach excavators excel in applications with ditch cleaning buckets.

Long reach excavation excavators excel at heavier-duty work that requires more digging force and lift capacity.



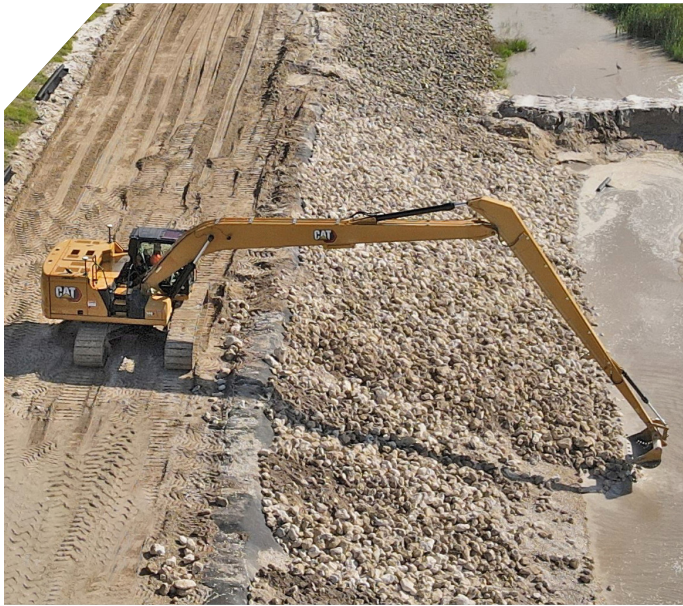
TYPE	SUPER LONG REACH	LONG REACH EXCAVATION
Models	320, 323, 326, 330	340, 352
Application	<ul style="list-style-type: none"> - Ditch cleaning - Slope finishing - Settling pond clean out - Waterway and canal maintenance - Vegetation control 	<ul style="list-style-type: none"> - General excavation - Dredging - Ditch cleaning - Settling pond clean out - Waterway and canal maintenance - Vegetation control with mulcher attachment - Loose material transfer
Work tools	<ul style="list-style-type: none"> - Ditch cleaning buckets - Skeleton buckets 	<ul style="list-style-type: none"> - Excavation buckets - Ditch cleaning buckets - Ditch cleaning tilt buckets - Quick couplers - Mulcher heads - Skeleton buckets
Front linkage family	Cat A linkage	Cat B linkage
Undercarriage	Long	Heavy duty, high wide
Additional counterweight	Yes	Yes
Digging force compared to reach configuration	Approximately 40%	Approximately 66%

SUPER LONG REACH

NEXT GENERATION EXCAVATORS

Cat Super Long Reach Excavators are a great fit for lighter-duty, long-distance applications, including:

- Ditch cleaning
- Slope finishing
- Settling pond clean out
- Waterway and canal maintenance
- Vegetation control



NEARLY 40% MORE REACH

Cat Medium Excavators with super long reach front linkage extend nearly 40% farther than those with the standard reach configuration with approximately 40% of the digging force.¹

NEXT GENERATION FEATURES

Take advantage of Cat Next Generation Excavator features, including improved operator comfort, reduced maintenance costs, and better fuel economy. Super long reach excavators are compatible with Next Generation Excavator technologies.

EQUIPPED FOR PERFORMANCE

The 323 and 330 provide similar reach and dig depth as the 320 and 326, respectively. However, you will get greater stability and performance with the 323 or 330. All super long reach excavators use a heavier counterweight than equivalent standard reach excavators.

SUPER LONG REACH EXCAVATORS

For detailed specifications, consult Technical Specifications document available on www.cat.com or your from your Cat dealer.

	Max Digging Depth	Max Reach at Ground Level	Bucket Digging Force (ISO)*	Stick Digging Force (ISO)*	Bucket Size Range "A" Family Linkage**
320 (SLR)	11 540 mm 37'10"	15 570 mm 51'1"	62 kN 13,841 lbf	49 kN 10,966 lbf	DC: .57 m ³ (.75 yd ³) GD: .53 m ³ (.69 yd ³)
323 (SLR)	11 540 mm 37'10"	15 570 mm 51'1"	62 kN 13,841 lbf	49 kN 10,966 lbf	DC: .57 m ³ (.75 yd ³) GD: .53 m ³ (.69 yd ³)
326 (SLR)	14 580 mm 47'10"	18 280 mm 60'0"	61 kN 13,710 lbf	45 kN 10,120 lbf	DC: .57-.74 m ³ (.74-.97 yd ³)
330 (SLR)	14 610 mm 47'11"	18 290 mm 60'0"	60 kN 13,490 lbf	45 kN 10,120 lbf	DC: .57-.74 m ³ (.74-.97 yd ³) GD: .53 m ³ (.69 yd ³)

*With ditch cleaning bucket

**Not all buckets available in all regions. Consult your Cat dealer.

DC = Ditch Cleaning Bucket; GD = General Duty Bucket

¹ Reach comparison made at ground level. Regional configurations vary. Consult the Technical Specifications document available on www.cat.com for details specific for your region.

LONG REACH EXCAVATION

NEXT GENERATION EXCAVATORS

When your job calls for heavier work at a distance, call on Cat Long Reach Excavation Excavators. They excel in long-distance applications, including:

- General excavation
- Dredging
- Ditch cleaning
- Settling pond clean out
- Waterway and canal maintenance
- Vegetation control with mulcher attachment
- Loose material transfer



NEARLY 35% MORE REACH

Cat Long Reach Excavation Excavators reach nearly 35% farther than those with the standard reach configuration with approximately 66% of the digging force.¹

A STABLE FOUNDATION

The heavy-duty, high wide undercarriage provides a stable, rugged platform for long reach digging and loading applications with high ground clearance. The variable gauge undercarriage on the 352 LRE can be retracted, making transportation easier.

DESIGNED TO DIG

Reinforcements in the front linkage and frame allow digging power at a distance without sacrificing durability. A heavier counterweight than equivalent standard reach excavators provides greater stability. Get added versatility with optional tool control for select hydro-mechanical tools.

NEXT GENERATION FEATURES

Take advantage of Cat Next Generation Excavator features including improved operator comfort, reduced maintenance costs, and better fuel economy. Long reach excavation excavators are compatible with Next Generation Excavator technologies.²

LONG REACH EXCAVATION EXCAVATORS

For detailed specifications, consult Technical Specifications document available on www.cat.com or from your Cat dealer.

	Max Digging Depth	Max Reach at Ground Level	Bucket Digging Force (ISO)	Stick Digging Force (ISO)	Bucket Size Range "B" Family Linkage*
340 (LRE)	13 050 mm 42'10"	18 080 mm 59'4"	141 kN 31,590 lbf	92 kN 20,750 lbf	DC: .86-1.50 m ³ (1.12-1.96 yd ³) DCT: .90-1.23 m ³ (1.18-1.61 yd ³) GD: .46-1.00 m ³ (.61-1.31 yd ³) HD: 1.00 m ³ (1.31 yd ³)
352 (LRE)	13 040 mm 42'9"	19 640 mm 64'5"	141 kN 31,700 lbf	104 kN 23,380 lbf	DC: .86-1.50 m ³ (1.12-1.96 yd ³) DCT: .90-1.23 m ³ (1.18-1.61 yd ³) GD: .46-1.00 m ³ (.61-1.31 yd ³) HD: 1.00-1.38 m ³ (1.31-1.80 yd ³)

*Not all buckets available in all regions. Consult your Cat dealer.

DC = Ditch Cleaning Bucket; DCT = Ditch Cleaning Tilt Bucket, GD = General Duty Bucket, HD = Heavy Duty Bucket

¹ Reach comparison made at ground level. Regional configurations vary. Consult the Technical Specifications document available on www.cat.com for details specific for your region.

² Cat Assist technologies available on the 340 only.



NEXT GENERATION EXCAVATORS

LOWER YOUR COSTS

Cat Next Generation Excavators are ready to help you make your business stronger by giving you new ways to get the most work done at the lowest cost – so you can put more money in your pocket.

FUEL SAVINGS FEATURES

Next Generation Excavators help you lower fuel costs.

Key fuel-savings features include:

- The electrohydraulic system’s main control valve and large hydraulic pump allow the engine to run at a lower engine speed without impacting production.
- Smart mode (one of three power mode settings) automatically adjusts engine and hydraulic power for the highest fuel efficiency – providing more when it is required and less when it isn’t.
- Cat Grade technologies can improve operator efficiency by up to 45%, reducing the time it takes you to complete a job.

LOWER MAINTENANCE COSTS

Don’t let maintenance costs eat into your business.

Key maintenance cost-lowering features include:

- Extended and synchronized maintenance intervals reduce downtime for routine maintenance.
- The new air intake filter with precleaner has double the dirt holding capacity of the previous air intake filter.
- Hydraulic and fuel tank filters have increased capacity and longer life.
- Many maintenance points are accessible from the ground, making service not only easy, but safe.

NEXT GENERATION OPERATOR STATION

WORK IN COMFORT

Next Generation Excavator cabs keep you comfortable and productive.

SAFE AND CONVENIENT

Cabs on super long reach excavators and the 340 LRE have ISO-certified ROPS. All cabs are sound suppressed and sealed. Convenience features include automatic climate control, Bluetooth integrated radio, USB ports for charging and phone connectivity, 12V DC outlets and AUX port, storage in rear, overhead, and console compartments, and cup and bottle holders.



ALL-AROUND VISIBILITY

When working at distance, visibility is everything. The cab windows and lower front profile of the machine give outstanding visibility to the work area without the strain of constantly leaning forward.

Standard rear- and side-view cameras keep you aware of your surroundings at all times. An optional 360° visibility feature is also available.



TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high-resolution touchscreen monitor. It offers 42 languages and is easy to reach from the seat – no twisting or turning.

Joystick functions can be customized through the monitor. Joystick pattern as well as response can be set to match operator preference. All preferences are saved with the Operator ID and restored at login.



TECHNOLOGY THAT GETS WORK DONE

INCREASE EFFICIENCY UP TO 45%

Boost productivity up to 45% versus traditional grading with standard Cat Grade and Assist technologies. Cat Grade and Assist technologies keep you on grade when visibility is impaired.

CAT TECHNOLOGY	SLR MODELS	LRE MODELS
Cat Product Link™	●	●
Cat Grade with 2D	○	●
Cat Grade with Advanced 2D	○	○
Cat Grade with 3D	○	○
Cat Assist		
– Boom Assist		
– Bucket Assist	○	● ¹
– Swing Assist		
– Grade Assist		
– Lift Assist		
2D E-Fence		
– E-ceiling		
– E-floor	○	●
– E-swing		
– E-wall		
– E-cab avoidance		
Cat Payload		
– Static weigh	○	●
– Semiautomatic calibration		
– Payload information		
Remote Service capability	●	●

● Standard ○ Optional

¹ Cat Assist only available on 340 LRE.

WORK UNDER WATER

Standard waterproof technology provides precision excavation down to 4.5 m (14'9") on long reach excavation excavators and 2.5m (8'2") on super long reach excavators. An optional submarine solution allows you to work down to 20 m (65'8") on either configuration.

	SLR MODELS	LRE MODELS
Waterproof depth of factory installed technology sensors	2.5 m 8'2"	4.5 m 14'9"
Waterproof depth of dealer installed dredging kit	20 m 65'8"	20 m 65'8"



CAT COMMAND

Cat Command is a remote control system featuring onboard electronics, vision systems, and offboard controls that help users achieve consistent quality in their work. Jobs become safer, more comfortable, and more precise – without sacrificing control, feel, or accuracy.

Easy-to-install Command kits include indicator lights and vision systems. A ground level switch toggles between manual and remote operation.



INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS¹

SUPER LONG REACH EXCAVATORS

DITCH CLEANING BUCKETS



SKELETON BUCKETS



LONG REACH EXCAVATION EXCAVATORS

COUPLERS



DITCH CLEANING BUCKETS



DITCH CLEANING TILT BUCKETS²



EXCAVATION BUCKETS



MULCHERS



SKELETON BUCKETS



¹Not all attachments available in all regions. Contact your Cat dealer for more information.

²Some Cat technology solutions are not supported with ditch cleaning tilt buckets. Contact your Cat dealer for more information.

SPECIFICATIONS & FEATURES SUMMARY

Specifications may vary due to regional configuration differences. Consult the Technical Specifications document available on www.cat.com or from your Cat dealer for detailed specifications for machines in your region.

SPECIFICATIONS	SUPER LONG REACH (SLR)				LONG REACH EXCAVATION (LRE)	
	320 (SLR)	323 (SLR)	326 (SLR)	330 (SLR)	340 (LRE)	352 (LRE)
Operating Weight*	23 900 kg 52,700 lb	25 100 kg 55,345 lb	29 200 kg 64,300 lb	30 900 kg 68,200 lb	43 900 kg 96,700 lb	58 400 kg 128,800 lb
Engine Model	Cat C7.1	Cat C7.1	Cat C7.1	Cat C7.1	Cat C9.3B	Cat C13
Engine Power – ISO 14396:2002	122 kW 164 hp	129 kW 174 hp	151 kW 202 hp	205 kW 275 hp	234 kW 314 hp	317 kW 425 hp
Undercarriage Type	Long	Long	Long	Long	HDHW	Variable Gauge HDHW
Counterweight	4.7 mt 10,400 lb	5.4 mt 11,900 lb	6.7 mt 14,770 lb	6.7 mt 14,770 lb	10.35 mt 22,800 lb	12.0 mt 26,455 lb
Boom	8.85 m 29'0"	8.85 m 29'0"	10.2 m 33'6"	10.2 m 33'6"	10.6 m 34'9"	11.5 m 37'9"
Stick	6.28 m 20'7"	6.28 m 20'7"	7.85 m 25'9"	7.85 m 25'9"	7.1 m 23'4"	8.5 m 27'11"
Maximum Digging Depth	11 540 mm 37'10"	11 540 mm 37'10"	14 580 mm 47'10"	14 610 mm 47'11"	13 050 mm 42'10"	13 040 mm 42'9"
Maximum Reach at Ground Level	15 570 mm 51'1"	15 570 mm 51'1"	18 280 mm 60'0"	18 280 mm 60'0"	18 080 mm 59'4"	19 640 mm 64'5"
Bucket Digging Force (ISO)	62 kN 13,841 lbf	62 kN 13,841 lbf	61 kN 13,710 lbf	45 kN 10,120 lbf	141 kN 31,590 lbf	141 kN 31,700 lbf
Stick Digging Force (ISO)	49 kN 10,966 lbf	49 kN 10,966 lbf	60 kN 13,490 lbf	45 kN 10,120 lbf	92 kN 20,750 lbf	104 kN 23,380 lbf

*Weight is typical configuration, 90% fuel, operator, and bucket.

FEATURES	SUPER LONG REACH (SLR)				LONG REACH EXCAVATION (LRE)	
	320 (SLR)	323 (SLR)	326 (SLR)	330 (SLR)	340 (LRE)	352 (LRE)
ROPS	●	●	●	●	●	x
Power modes, including Smart mode	●	●	●	●	●	●
Rear- and side-view cameras	●	●	●	●	●	●
360° visibility	○	○	○	○	○	○
Extended and synchronized maintenance intervals	●	●	●	●	●	●
Tool control for hydromechanical attachments	x	x	x	x	○	○
Medium pressure circuit	x	x	x	x	○	○
Quick coupler hydraulic circuit	x	x	x	x	○	○
Cat Product Link	●	●	●	●	●	●
Work tool recognition	●	●	●	●	●	●
Cat Grade with 2D	○	○	○	○	●	●
Cat Grade with 3D	○	○	○	○	○	○
Cat Assist	○	○	○	○	●	x
2D E-Fence	○	○	○	○	●	●
Cat Payload	○	○	○	○	●	●
Remote Flash	●	●	●	●	●	●
Remote Troubleshoot	●	●	●	●	●	●
Submarine kit	○	○	○	○	○	○

● Standard ○ Optional x not available

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com.

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AEXQ3108-00
(N Am, Eur)

