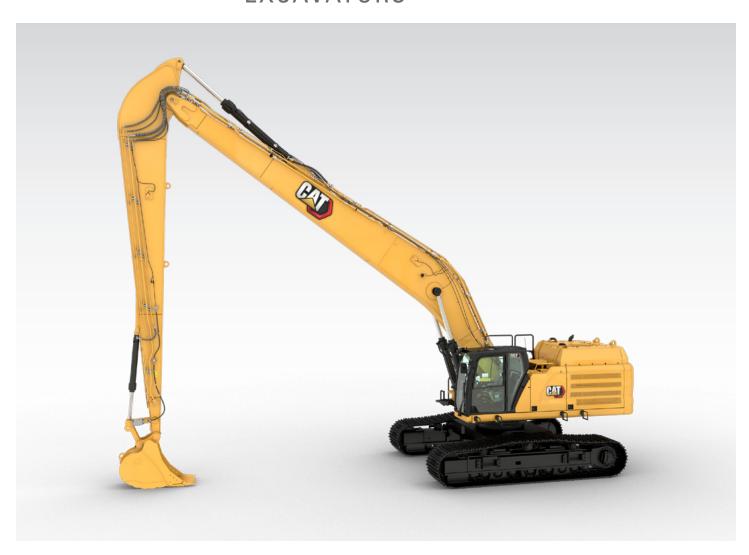


# GO THE DISTANCE

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 long reach and super long reach 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**

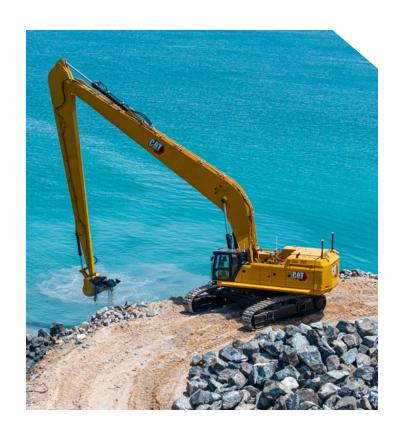
- + 340
- + 352
- + 395

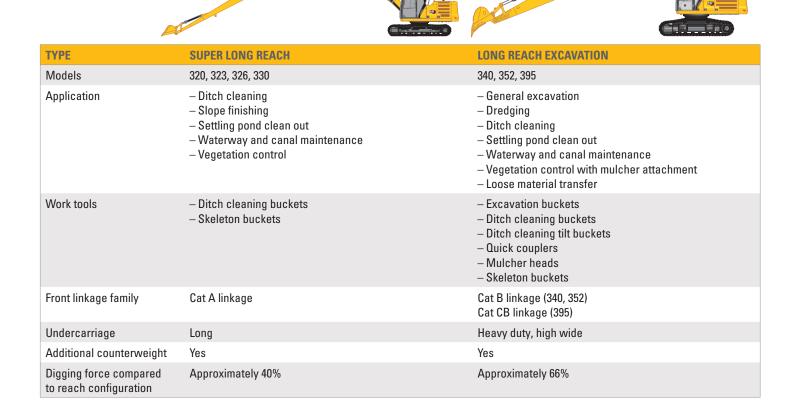
### MADE TO MATCH YOUR WORK

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.







## 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

#### **GET 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.<sup>1</sup>

#### **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	Max Reach at	Bucket Digging	Stick Digging	Bucket Size Range
	Depth	Ground Level	Force (ISO)*	Force (ISO)*	"A" Family Linkage**
320 (SLR)	11 540 mm	15 570 mm	62 kN	49 kN	DC: .57 m³ (.75 yd³)
	37'10"	51'1"	13,841 lbf	10,966 lbf	GD: .53 m³ (.69 yd³)
323 (SLR)	11 540 mm	15 570 mm	62 kN	49 kN	DC: .57 m³ (.75 yd³)
	37'10"	51'1"	13,841 lbf	10,966 lbf	GD: .53 m³ (.69 yd³)
326 (SLR)	14 580 mm 47'10"	18 280 mm 60'0"	62 kN 13,841 lbf	45 kN 10,160 lbf	DC: .5774 m³ (.7497 yd³)
330 (SLR)	14 610 mm	18 290 mm	60 kN	45 kN	DC: .5774 m³ (.7497 yd³)
	47'11"	60'0"	13,490 lbf	10,120 lbf	GD: .53 m³ (.69 yd³)

<sup>\*</sup>With ditch cleaning bucket

<sup>\*\*</sup>Not all buckets available in all regions. Consult your Cat dealer.

DC = Ditch Cleaning Bucket; GD = General Duty Bucket

<sup>&</sup>lt;sup>1</sup> 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.<sup>1</sup>

#### 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.<sup>2</sup>

#### **LONG REACH EXCAVATION EXCAVATORS**

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

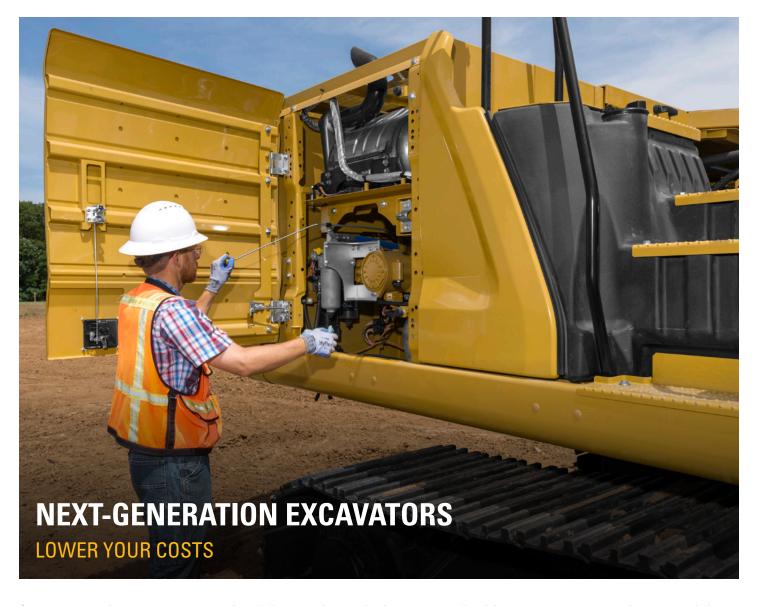
	Max Digging Depth	Max Reach at Ground Level	Bucket Digging Force (ISO)	Stick Digging Force (ISO)	Bucket Size Range*
340 (LRE)	13 050 mm 42'10"	18 080 mm 59'4"	141 kN 31,590 lbf	92 kN 20,750 lbf	DC: .86-1.50 m³ (1.12-1.96 yd³) B DCT: .90-1.23 m³ (1.18-1.61 yd³) B GD: .46-1.00 m³ (.61-1.31 yd³) B HD: 1.00 m³ (1.31 yd³) B
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 m³ (1.12-1.96 yd³) B DCT: .90-1.23 m³ (1.18-1.61 yd³) B GD: .46-1.00 m³ (.61-1.31 yd³) B HD: 1.00-1.38 m³ (1.31-1.80 yd³) B
395 (LRE)	21 700 mm 71'2"	27 820 mm 91'3"	190 kN 42,600 lbf	144 kN 32,310 lbf	HD: 2 m³ (2.58 yd³) CB

<sup>\*</sup>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, B = B Linkage, CB = CB Linkage

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.

<sup>&</sup>lt;sup>2</sup> Cat Assist technologies available on the 340 only.



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, helping to reduce 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 latest 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 Rollover Protective Structure (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 Auxiliary (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**

Boost productivity in comparison to traditional grading with standard Cat Grade and Assist technologies. Cat Grade and Assist technologies keep you on grade when visibility is impaired.

#### **WORK UNDER WATER**

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

CAT TECHNOLOGY	SLR MODELS	LRE MODELS
VisionLink®	•*	•*
VisionLink Productivity	0	0
Cat Grade 2D	0	•
Cat Grade 2D with attachment ready option (ARO)	0	0
Cat Grade 3D single GNSS	0	0
Cat Grade 3D dual GNSS	0	0
Cat Assist  - Boom Assist  - Bucket Assist  - Swing Assist  - Grade Assist  - Lift Assist	0	•1
2D E-Fence  - E-ceiling  - E-floor  - E-swing  - E-wall  - E-cab avoidance	0	•
Cat Payload  — Static weigh  — Semiautomatic calibration  — Payload information	0	•
Remote Flash	•	•
Remote Troubleshoot	•	•

#### ● Standard ○ Optional

<sup>1</sup>Cat Assist only available on 340 LRE.



<sup>\*</sup>Connect subscription only. Additional subscriptions are available. Contact your Cat dealer for availability.

### **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 ATTACHMENTS'

#### SUPER LONG REACH EXCAVATORS

**DITCH CLEANING BUCKETS** 



**SKELETON BUCKETS** 



#### LONG REACH EXCAVATION EXCAVATORS

**COUPLERS** 



**DITCH CLEANING BUCKETS** 



**DITCH CLEANING** TILT BUCKETS<sup>2</sup>



**EXCAVATION BUCKETS** 



**MULCHERS** 



**SKELETON BUCKETS** 



<sup>1</sup>Not all attachments available in all regions. Contact your Cat dealer for more information. <sup>2</sup>Some 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.

		SUPER LONG REACH (SLR)			LONG REACH EXCAVATION (LRE)		
SPECIFICATIONS	320 (SLR)	323 (SLR)	326 (SLR)	330 (SLR)	340 (LRE)	352 (LRE)	395 (LRE)
Operating Weight*	23 900 kg	25 100 kg	29 400 kg	31 000 kg	43 800 kg	58 100 kg	113 300 kg
	52,700 lb	55,345 lb	64,700 lb	68,400 lb	96,500 lb	128,100 lb	249,700 lb
Engine Model	Cat C4.4	Cat C7.1	Cat C7.1	Cat C7.1	Cat C9.3B	Cat C13B	Cat C18
Engine Power – ISO 14396:2002	129 kW	129 kW	151 kW	205 kW	259 kW	332 kW	405 kW
	174 hp	174 hp	202 hp	275 hp	347 hp	445 hp	543 hp
Undercarriage Type	Long	Long	Long	Long	HDHW	Variable Gauge HDHW	Frame Extension
Counterweight	4.7 mt	5.4 mt	7.4 mt	6.7 mt	10.35 mt	12.0 mt	21.6 mt
	10,400 lb	11,900 lb	16,310 lb	14,770 lb	22,800 lb	26,455 lb	47,620 lb
Boom	8.85 m	8.85 m	10.2 m	10.2 m	10.6 m	11.5 m	15.5 m
	29'0"	29'0"	33'6"	33'6"	34'9"	37'9"	50'10"
Stick	6.28 m	6.28 m	7.85 m	7.85 m	7.1 m	8.5 m	11.8 m
	20'7"	20'7"	25'9"	25'9"	23'4"	27′9″	38'9"
Maximum Digging Depth	11 540 mm	11 540 mm	14 580 mm	14 610 mm	13 050 mm	13 040 mm	21 700 mm
	37'10"	37'10"	47'10"	47'11"	42'10"	42'9"	71'2"
Maximum Reach at Ground Level	15 570 mm	15 570 mm	18 280 mm	18 280 mm	18 080 mm	19 640 mm	27 820 mm
	51'1"	51'1"	60'0"	60'0"	59'4"	64'5"	91'3"
Bucket Digging Force (ISO)	62 kN	62 kN	62 kN	60 kN	141 kN	141 kN	190 kN
	13,841 lbf	13,841 lbf	13,841 lbf	13,490 lbf	31,590 lbf	31,700 lbf	42,600 lbf
Stick Digging Force (ISO)	49 kN	49 kN	45 kN	45 kN	92 kN	104 kN	144 kN
	10,966 lbf	10,966 lbf	10,120 lbf	10,120 lbf	20,750 lbf	23,380 lbf	32,310 lbf

<sup>\*</sup>Weight is typical configuration, 90% fuel, operator, and bucket.

		SUPER LONG REACH (SLR)			LONG REACH EXCAVATION (LRE)			
FEATURES	320 (SLR)	323 (SLR)	326 (SLR)	330 (SLR)	340 (LRE)	352 (LRE)	395 (LRE)	
ROPS	•	•	•	•	•	х	х	
Power modes, including smart mode	•	•	•	•	•	•	•	
Rear- and side-view cameras	•	•	•	•	•	•	•	
360° visibility	0	0	0	0	0	0	0	
Extended and synchronized maintenance intervals	•	•	•	•	•	•	•	
Tool control for hydromechanical attachments	х	х	х	Х	0	0	0	
Medium pressure circuit	х	Х	Х	Х	0	0	0	
Quick coupler hydraulic circuit	х	х	х	Х	0	0	0	
VisionLink	•	•	•	•	•	•	•	
Work tool recognition	•	•	•	•	•	•	•	
Cat Grade 2D	0	0	0	0	•	•	•	
Cat Grade 3D	0	0	0	0	0	0	0	
Cat Assist	0	0	0	0	•	Х	Х	
2D E-Fence	0	0	0	0	•	•	•	
Cat Payload	0	0	0	0	•	•	•	
Remote Flash	•	•	•	•	•	•	•	
Remote Troubleshoot	•	•	•	•	•	•	•	
Submarine kit	0	0	0	0	0	0	0	

<sup>●</sup> 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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