



CATERPILLAR

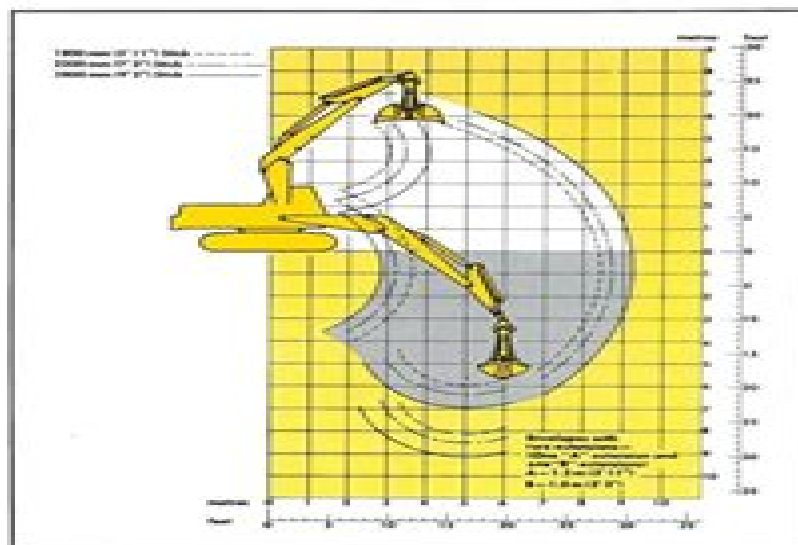
215* Clamshell

*215 Excavator Clamshell Arrangement

Shown with optional
long undercarriage.



Digging range, foreboom in upper
position, fully extended

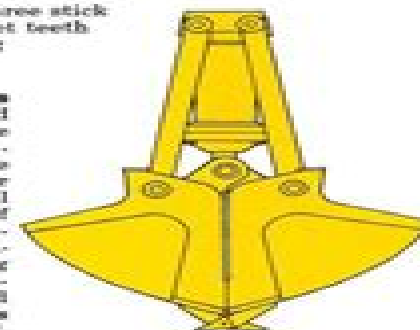


Maximum digging depth with two extensions and:	
1800 mm (5'11") stick, foreboom in upper position	8.1 m (26'8")
Foreboom in lower position or with one-piece boom	8.8 m (28'10")
2200 mm (7'3") stick, foreboom in upper position	8.6 m (28'1")
Foreboom in lower position or with one-piece boom	9.2 m (30'2")
2800 mm (9'2") stick, foreboom in upper position	9.1 m (30')
Foreboom in lower position or with one-piece boom	9.8 m (32'2")

Summary of features

- Choice of four clam buckets: 610 mm (24") to 1070 mm (42") wide, 340 litres (7/16 cu. yd.) to 610 litres (3/4 cu. yd.) capacity.
- Optional clam extensions provide a maximum digging depth of 9.8 m (32'2").
- Hydraulic clam rotator allows quick, easy bucket positioning.
- One or two-piece booms, three stick lengths and optional bucket teeth available to match varying job conditions.

Caterpillar clamshell buckets in four sizes of shells extend the versatility of the 215. The clamshell allows the excavator to work where a backhoe attachment is impractical or impossible to use. It is well suited for a wide range of applications, including demolition clean up, manhole excavation, loading and unloading bulk material from containers, and excavation around shoring and lateral pipes where movement is restricted.



Bucket specifications (includes bolt-on teeth):

Bite Width	Litres		(SAE Cubic Yards*)		CECE** Heaped Litre	Weight ††	
	Struck	Heaped	Struck	Heaped		kg	(Lb.)
610 mm (24")	280	340	(5/16)	(7/16)	340	990	(2,180)
760 mm (30")	340	430	(7/16)	(9/16)	430	1025	(2,260)
910 mm (36")	430	520	(9/16)	(5/8)	520	1080	(2,380)
1070 mm (42")	520	610	(3/8)	(3/4)	610	1120	(2,450)

*Based on SAE J296 (identical to PCSA rating).

**Committee for European Construction Equipment.

†Metric values are calculated capacities rounded to nearest 10 litres, not direct conversions from SAE nominal capacities.

††Includes actuator, pins, links, adapter and teeth.

Manual For 215 Cat Excavator

Sebastian Brünink



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