

Fast & Safe Concrete Pile Cutting up to 24 in

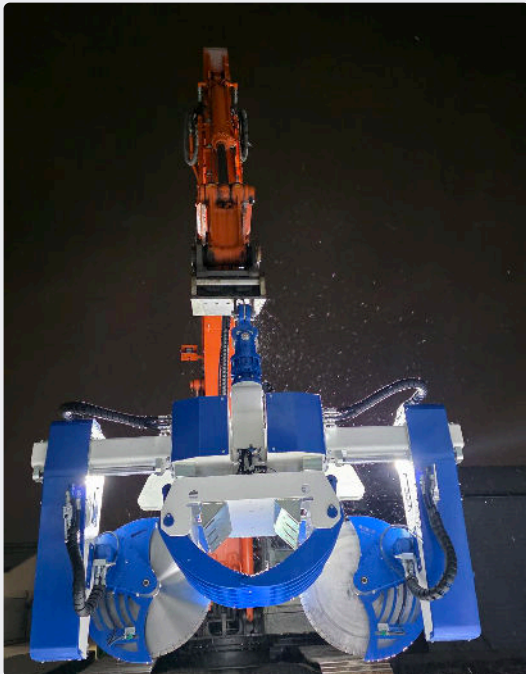


Excavator Attachment for Cutting Concrete Piles

C-Series Concrete Pile Cutter



C-Series Technical Specification



TYPICAL APPLICATIONS

- Industrial & heavy civil foundations
- Bridge foundations
- LNG / energy terminal piles
- DOT infrastructure projects
- Large-diameter reinforced concrete piles

Developed and field-tested on large infrastructure & industrial construction projects.

FEATURES

- Designed for reinforced concrete piles.
- Blade selection can be optimized based on project-specific reinforcement configuration.
- Supports OSHA-compliant job site practices
- Compatible with major excavator brands
- Quick installation using adapters & quick-couplers
- Integrated Tilt and Rotary System for easy positioning
- Automatic cutting process tuning to optimize performance and cutting speed
- Wireless communication with cabin controls, joystick & display
- Double saw structure with blade cooling
- 37 gal/140 L water tank standard; other sizes available upon request

BENEFITS

- Up to 5x faster than manual pile cutting, jackhammering, and torching
- Safe one-operator control from the excavator cabin
- Uses the excavator to lift, move, and place cut-off pile sections
- Accurate cut-off improves downstream foundation work



C-Series Technical Specification



UCS CS-16 CUT & BREAK; FULL CUT

203 x 203
(8" x 8")

300 x 300
(12" x 12")

350 x 350
(14" x 14")

406 x 406
(16" x 16")

500 x 500
(20" x 20")

609 x 609
(24" x 24")

Ø200
(Ø8")

Ø300
(Ø12")

Ø350
(Ø14")

Ø400
(Ø16")

Ø500
(Ø20")

Ø600
(Ø24")

UCS CS-24 CUT & BREAK; FULL CUT

PARAMETER	UOM	CS-16	CS-24
RECOMMENDED CARRIER WEIGHT	lb	44,000 – 66,200 lb	44,000 – 66,200 lb
	t	20 – 30 t	20 – 30 t
SUITABLE PILE SIZE RANGE	in	8" – 16"	14" – 24"
	mm	Ø203 mm – 406 mm 	Ø355 mm – 609 mm 
PILE CUTTER WEIGHT	lb	4,189 lb	4,189 lb
	kg	1,900 kg	1,900 kg
DIMENSIONS [W x L x H]	in	57.1" x 90.1" x 74.8"	57.1" x 104.3" x 74.8"
	mm	1,450 x 2,290 x 1,900 mm	1,450 x 2,650 x 1,900 mm
MAX. LOAD	lb	3,307 lb	3,307 lb
	kg	1,500 kg	1,500 kg
MAX. CUT OFF LENGTH	in	78.7"	78.7"
	m	2 m	2 m
MAX. HYDRAULIC POWER	kW	47 kW	47 kW
WORKING PRESSURE	psi	3,190 psi	3,190 psi
	bar	220 bar	220 bar
REQUIRED FLOW RATE (max.)	gal/min (US)	39.62 gal/min	39.62 gal/min
	l/min	150 l/min	150 l/min
SUITABLE BLADE DIAMETER	in	15.7" – 23.6"	20" – 31.5"
	mm	Ø400 - 600 mm	Ø500 - 800 mm
BLADE CENTER HOLE	in	2"	2"
	mm	Ø50.8 mm	Ø50.8 mm



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