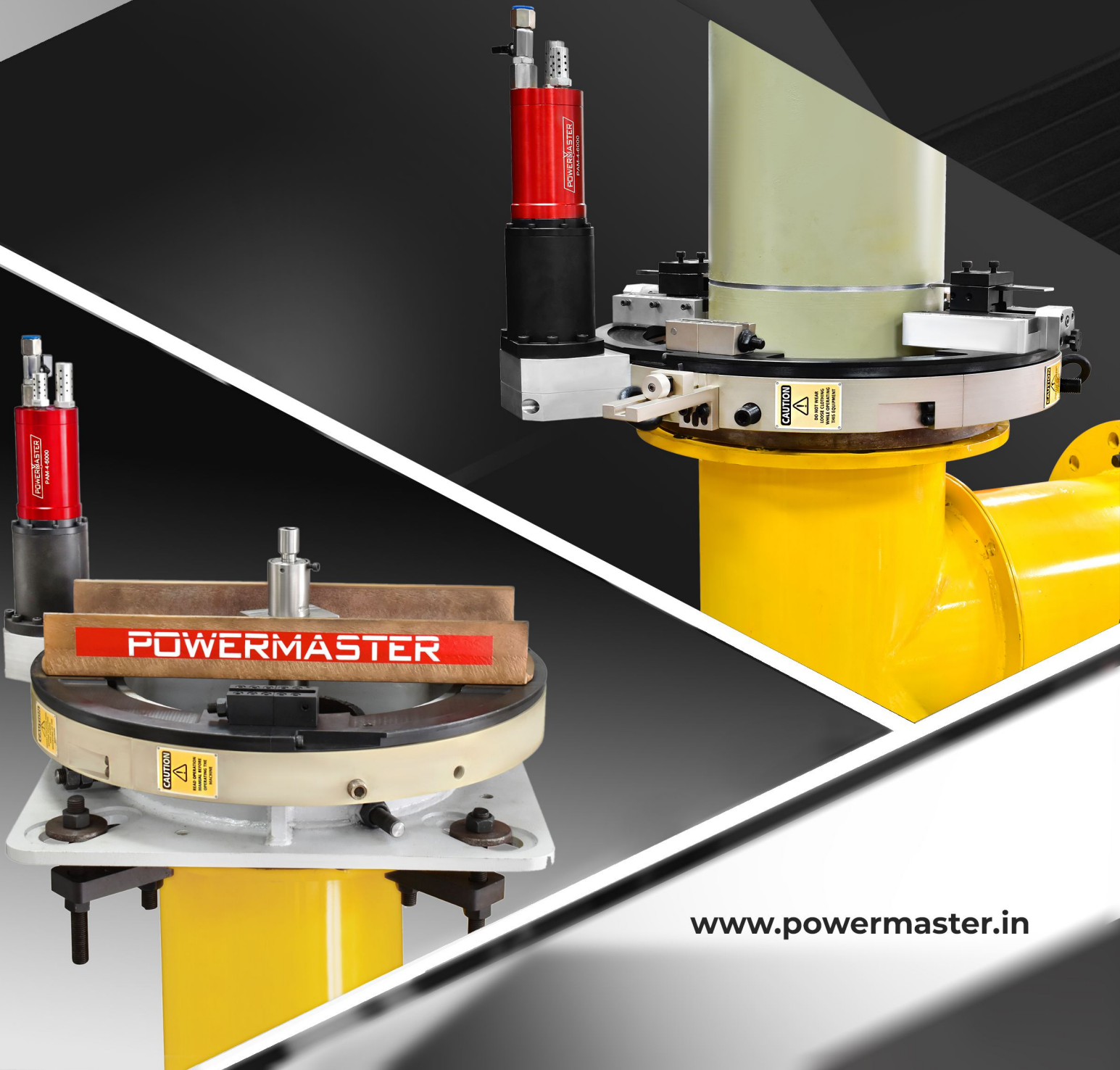




EXTERNAL/ INTERNAL CASE CUTTER

Tools for every conceivable need....

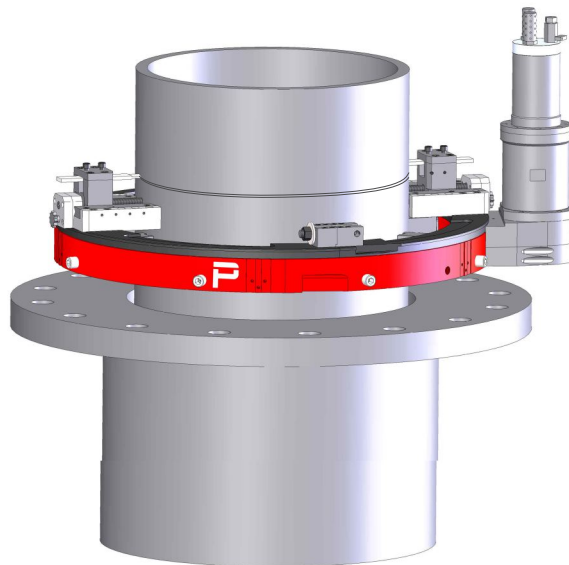
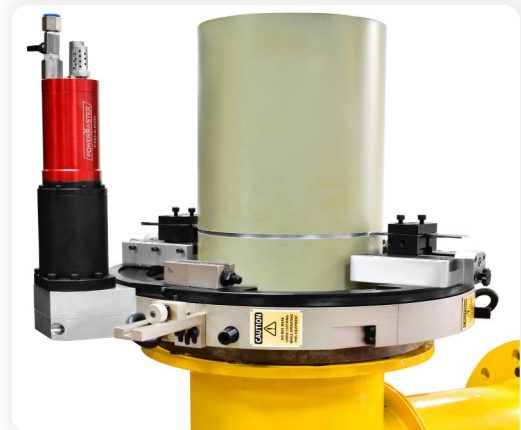


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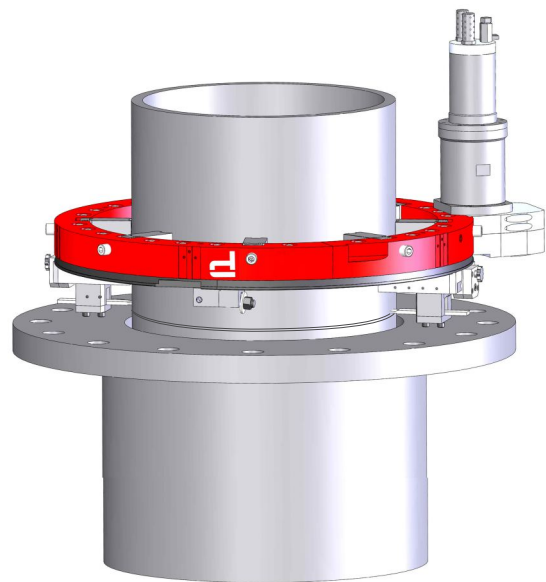
EXTERNAL CASE CUTTER

An **External Case Cutter (ECC)** is a specialized machining attachment or tool primarily used in the oil and gas industry, especially in wellhead maintenance, work over operations, and plug and abandonment (P&A) processes. It is designed to cut through the outer casing of well bores without damaging the internal components.

An **External Case Cutter** is mounted on the external diameter (OD) of a casing, pipe, or tubular structure and performs precise, concentric radial cuts. It's commonly adapted to a split-frame cold cutting machine, which clamps around the casing and rotates the cutter around the pipe circumference.



Standard Cutting



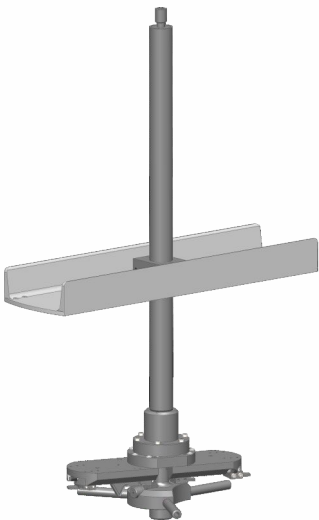
Close Length Cutting

Specifications		Unit	CCE-SF-0612	CCE-SF-1218	CCE-SF-1824
Casing Pipe Size Covered		inch	6.5/8 - 11.3/4	13.3/8 - 16	18.5/8 - 20
Clamping Range		inch	6 - 12	12 - 18	18 - 24
		mm	152.4 - 304.8	304.8 - 457.2	457.2 - 609.6
Tool Holder Stroke		inch	4	4	4
Radial Feed Per Revolution		inch	0.0028	0.0028	0.0028
		mm	0.072	0.072	0.072
Ring Assembly Weight		kg	24	38	48
Tool Holder Weight		kg	4.5	4.5	4.5
Pneumatic Drive	Drive Assembly Weight	kg	12.5	16	16
	Idle Speed	rpm	15	12	12
	Motor Power	hp	3.5	3.5	3.5
	Air Consumption	cfm	98	98	98
	Air Pressure	bar	6	6	6

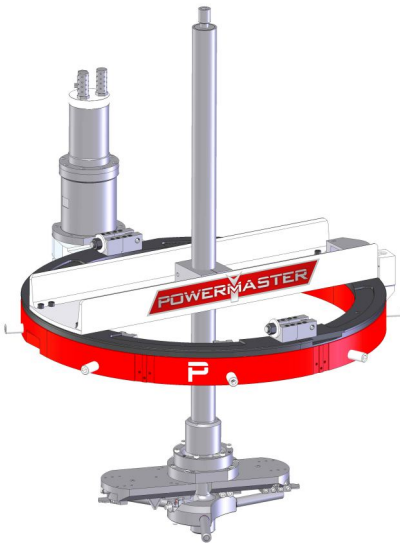
An **Internal Case Cutter (ICC)** is a down hole cutting tool designed to cut from inside the casing or tubing. It operates by expanding its cutting arms or blades radially outward to cut through the inner wall of the casing.

Applications:

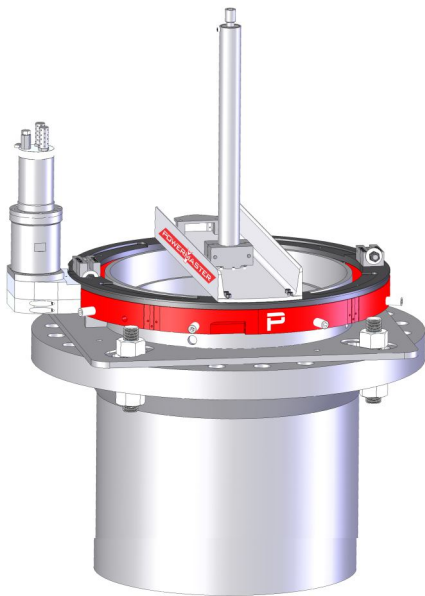
- Cutting casing internally during plug and abandonment operations.
- Removing inner casings for retrieval or fishing operations.
- Cutting conductor pipes, surface casings, or intermediate strings.
- Used where external access is restricted or not possible.



**Internal Case Cutter
(ICC) Attachment**



**(ICC) Attachment Mounted
On Split Frame Machine**



**(ICC) Setup With Well
Head Adaptor on flange**

Specifications	Unit	CCI-0713	CCI-1120
Casing Pipe Size Covered	Inch	6.5/8 – 13.3/8	10.3/4 – 20
Standard Tool Holder Range	Inch	6.5/8 – 9.5/8	10.3/4 – 13.3/8
Extended Tool Holder Range	Inch	10.3/4 – 13.3/8	16 – 20
Tool Holder Stroke	Inch	1	1
Radial Feed Per Revolution	Inch	0.0029	0.0029
	mm	0.075	0.075
Pneumatic Motor Power	hp	3.5	3.5
Attachment Weight	kg	72	82
Casing Adaptor Model		CCA-0713U	CCA-1620U
Adaptor Weight	kg	42	64



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