



Guillotine Saws

Weatherford's fully automated guillotine saws safely and efficiently cut conductor pipe, casing, and tubulars for well abandonment and decommissioning. Three saw types—Super C, Super D, and Goliath—are available to accommodate cutting of tubulars from 2 through 32 in. in diameter. The robust design of the cutting blades makes sectioning of almost any material or grade possible.

The saws are fully automated in terms of clamping, cutting feed, and cutting speed. They are quickly clamped to the tubular for increased operational efficiency. Feed and cutting automation enables the operator to maintain a high level of control over the cut from a position remote from the work zone. The addition of guards around the clamping mechanisms also enhances safety.



Applications

- Cutting recovered conductor pipe into needed lengths in either single-string or multistring applications
- Sectioning casing and tubing strings that cannot be broken out with conventional tongs
- Cutting platform structural components, including jacket legs and support members



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Features, Advantages and Benefits

- Several features of these saws enhance operational safety:
 - Compact size and full automation, including the automated clamping system and the automated feed and speed system, allow safe execution of operations from a secure distance and do not inhibit the working area when the saws are not in use.
 - A full complement of guards and safety devices reduce personnel risk.
- In addition to their safety benefits, the automated feed and speed system allows quick, more controlled cutting for higher quality, and the automated clamping system reduces set-up time for each cut for increased efficiency and faster overall operations.
- The availability of three saw models provides cutting capabilities from 2 through 32 in., reducing the onsite tool inventory requirement.
- A robust blade design enables cutting of almost any materials encountered in abandonment and decommissioning applications.

Specifications

Saws

	Super C	Super D	Goliath
Range (in./mm)	2 to 12 51 to 305	10 to 24 254 to 610	16 to 32 4,064 to 813
Weight (lb/kg)	645 293	1,500 680	2,100 953
Length (in./mm)	66.4 1,687	76.3 1,938	70.0 1,778
Width (in./mm)	33.7 856	46.5 1,181	78.0 1,981
Height (in./mm)	20.2 513	25.7 653	26.4 671
Drive	Hydraulic, 15 GPM at 1,800 psi (12.4 MPa)		Hydraulic, 15 GPM at 2,000 psi (13.8 MPa)
Autofeed	Yes; up to 1.30 in. (33 mm) per min	Yes; up to 1.00 in. (25 mm) per min	Yes; up to 0.75 in. (19 mm) per min
Autoclamp	Yes		

Topside Control Panel

Height (in./mm)	Depth (in./mm)	Width (in./mm)	Weight (lb/kg)
46.00 1,168	15.50 394	29.25 743	200 91