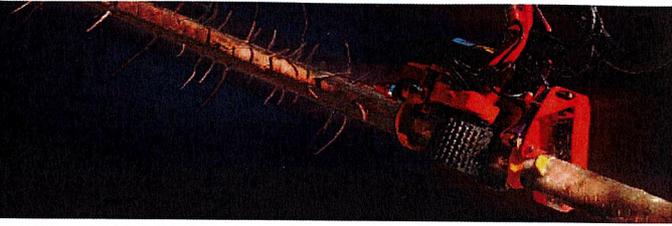


SP 761 LF



Technical data and recommendations

Hydraulics

	Metric	Imperial
Min. pump capacity	250 l/min	66 gpm
Max. working pressure	30 MPa	4350 psi

Feeding

Proportional and self regulating clamping pressure of the feed rollers according to tree size Individual settings for different species for optimum performance.

Feed motors	627 - 1248 cc	41.9 - 76.2 cui
Max feed roller opening	700 mm	28"
Feed speed	0-6 m/s	0-20 ft/s
Max feed force	45 kN	10116 lbf
Proportional pressure	Yes	Yes

Felling / Cutting

The SuperCut 100 is a very robust and powerful saw unit with integrated chain lubrication and automatic hydraulic tensioning of the chain. Together with SP's QuickCut this ensures an optimized cutting time and a minimized risk of cutting cracks.

Cutting diameter	800 mm	32"
Chain speed	40 m/s	131 ft/s
Saw motor	32 cc	1.9 cui
Saw unit	SUPERCUT 100	SUPERCUT 100
QuickCut	Yes	Yes

Top saw (option)

Cutting diameter	380 mm	15.2"
Chain speed	40 m/s	131 ft/s
Saw motor	20 CC	1.22 cui
Saw unit	JPS	JPS

Delimiting

Proportional and self regulating pressure on delimiting knives according to tree size. Individual settings for different species for optimum performance.

Movable knives	3	3
Fixed knives	2	2
Delimiting dia. tip to tip	510 mm	20.4"
Delimiting dia. incl. lower knife	550 mm	22"
Minimum delimiting diameter	40 mm	1.4"
Proportional pressure	Yes	Yes
LogHold	Yes	Yes

Weight & dimensions

In spite of its large timber handling capacity the SP 761 LF has a minimum width of only 1400mm which makes it suitable for more than just large diameter cuttings.

Width closed	1340 mm	52.8"
Width open	1950 mm	76.8"
Height	1880 mm	74"
Height with top saw	2050 mm	80.7"
Weight	1710 kg	3770 lbs
Weight with top saw	1870 kg	4123 lbs

Recommendations

The SP 761 LF can be installed on large wheel based forestry machines, excavators in the 20-30 ton range as well as medium to large purpose built tracked harvesters.

Optimum tree size dbh*:	25-50 cm	10-20"
Max. rec. tree size dbh*:	55 cm	22"

* Diameter breast height, measured 1.3 m up from the ground.