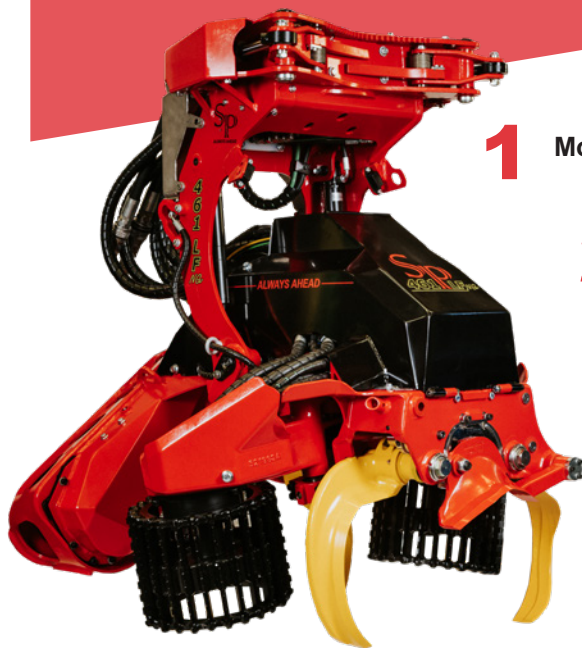


SP 461 LF Next Generation

- Produce more at a lower cost



- 1** More productive and faster multi-tree handling.
- 2** Reduced fuel consumption and increased productivity with new generation hydraulic valve.
- 3** More efficient with 50% larger chain oil tank with larger filling capacity and an improved strainer.
- 4** More stable design with change of saw unit from SuperCut 100 to 100S.
- 5** Faster feed speed with new generation of roller motors with improved energy efficiency, resulting in reduced fuel consumption and increased production.
- 6** More reliable with improved hose routing.

SP 461 LF - Next Generation

Are you looking for a powerful thinning head in a convenient format? The SP 461 LF NG is the next generation of thinning head, combining low weight, compact dimensions and impressive productivity – perfect for both harvesters operating from service roads and fitted with long cranes, as well as for smaller harvesters operating in stands. With the SP 461 LF Next Generation, you get an energy-efficient and fuel-efficient head that is able to produce more at a lower cost – an asset for your overall economy and your forestry operations.

Thanks to SP's unique Low Friction Concept, you get a head that offers rapid feeding, low energy consumption, and high operational reliability. With patented solutions such as LogHold and proportionally angled feed rollers, the SP 461 LF NG delivers impressive efficiency even when thinning larger diameter trees.

The head reaches its absolute peak capacity in stands with a diameter of 8–35 cm bhd, but thanks to the LF concept, it can also handle larger diameter stems efficiently.



732 kg

Weight



53 cm

Cutting diameter



8-35 cm

Rec. stem diameter (DBH)
for maximum productivity



23-28 MPa

Recommended working
pressure

Sjp

— ALWAYS AHEAD —

Specifications

Hydraulics

	Metric
Min. oil flow:	185 l/min
Rec. working pressure:	23–28 MPa

Feeding

Proportional roller clamping pressure relative to stem diameter, individually adjustable for each tree species for optimal performance.

Roller motors:	398 cc, Option 450 cc *
Max. roller opening:	420 mm
Feed speed:	6.2 m/s
Feeding force:	20 kN
Proportional pressure:	Yes

* Max. 250 bar working pressure

Cutting

The SuperCut 100S is an extremely powerful unit with integrated chain lubrication and hydraulic chain tensioning. Together with SP's QuickCut system, it optimizes cutting times and minimizes the risk of splitting.

Standard cutting diameter:	530 mm
Chain speed:	40 m/s
Saw motor:	20 cc
Saw unit:	SuperCut 100S
QuickCut:	Yes

Limbing

Proportional limbing knife pressure geared to the stem diameter minimizes friction and maximizes production. Individual settings for upper/lower knives and different tree species for optimal performance.

Moving knives:	4 incl. top knife
Fixed knives:	1
Limbing diameter tip-to-tip:	350 mm
Min. branch diameter:	30 mm
Proportional pressure:	Yes
LogHold:	Yes

Weight and dimensions

Thanks to its extremely compact dimensions and low weight, the SP 461 LF NG is ideal for thinning in dense stands.

Width closed:	850 mm
Width open:	1130 mm
Height:	1230 mm
Weight:	732 kg

Recommendations

Carriers

The SP 461 LF NG can be mounted on a wide range of conventional forest machines and excavators with excellent results. To ensure proper function, consult your SP dealer or SP personnel.

Harvesting

Recommended stem diameter (DBH) for maximum productivity*: 80–350 mm

* Diameter at breast height, measured 1.3 m up the stem.

We reserve the right to alter specifications and designs. The harvester heads presented may have some extra equipment. All specified dimensions/values are approximate and refer to standard equipment.



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