

**NAARVA****S23C**

# Stroke harvester for tractors and 5-8 ton excavators



## Features

- Felling and delimiting
- Weight 230kg
- Easy installation, no additional hydraulics or electricity.
- Fast saw cutting, 30 cm
- Controlled with just grapple open/close- valve

## Suitable for

- Thinnings
- Energy wood harvesting
- Integrated harvesting



## Lightweight, simple and reasonably priced

Naarva S23C is simple and easy to operate. The required oil flow is only 40 l / min, and installation is easy because additional hydraulics or electricity are not required. All functions are controlled with just grapple open/close- valve. Tilt function is mechanical. The head can be locked in a vertical position with the delimiting stroke. When a tree is cut the head can be tilted by using the delimiting stroke movement, weight of the tree trunk tilts the head. Delimiting back and forward is done with the grapple open/close- valve. Sequence valves operate grippers and delimiting blades automatically. When the delimiting stroke is in the maximum position and pressure reaches a limit, the saw starts cutting.

## Fast cut with new chain saw unit

### NEW FAST CHAIN SAW UNIT



- Cutting saw bar length 43 cm
- Max. cutting Ø30 cm

Development of saw cutting was done especially for Naarva S23 harvester to meet the requirements of electricity free operating and low energy consumption. Our goal was achieved and now this machine is the only harvester in the world that functions without any modifications to the base machine. It runs with low hydraulic flow, which even small excavators and tractors can deliver.

Replacing a guillotine unit with a saw unit and vice versa is easy. You only need to dismantle two bolts and hydraulic hoses, replace the unit and mount the bolts and hoses back again.

<b>Model</b>	<b>S23</b>
<b>Weight</b>	230 kg
<b>Delimiting diameter</b>	5-23 cm
<b>Dimensions</b>	Length 91 cm, Width 81 cm, Height 124 cm.
<b>Delimiting length and force</b>	Delimiting stroke 0,5 m. Force 21kN
<b>Delimiting speed</b>	1,1 s / 0,5 m stroke (@55 l/min)
<b>Cutting diameter and speed*</b>	Max cutting: Ø30 cm Cutting time: 1 s
<b>Required pressure</b>	170-200 bar
<b>Required oil flow</b>	40-70 l/min
<b>Control</b>	Grapple open/ close valve
<b>Crane load capacity</b>	Recommended 30 kNm, minimum 25 kNm
<b>Voltage</b>	No electricity required
<b>Warranty</b>	12 months or 1000 hours

All provided values are approximations. The manufacturer reserves the right to make changes in the products. 10/2013.

\* Oil flow 55 l/min pressure 170 bar

## Accessories

- Extension boom package for excavator installations (rotator, link, boom, all required valves)
- Guillotine cutting as an option, max. cutting 23 cm
- Stroke adjusting bar for making different length firewood 25-50 cm.
- Extension boom for 5-8 ton excavators, 1 m reach.
- Cejn Flat face quick connectors
- Baltrotors high quality rotators
- Links for the rotator

[www.naarva.fi](http://www.naarva.fi)

### MANUFACTURING

**PP PENTIN PAJA**

### SALES, SPARE PARTS AND TECHNICAL SUPPORT

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