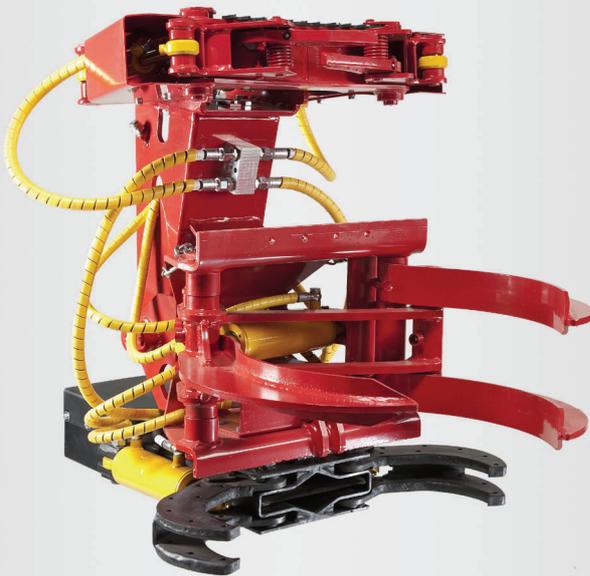


**NAARVA****E25**

# An accumulating energy wood head for forwarders, small harvesters and 5-15 ton excavators



## Properties

- Stable handling even with large bundles
- Excellent loading properties
- Efficient guillotine cutting, 25-28cm
- Easy installation, no additional hydraulics or hoses
- Radio control option

## Suitable for

- Energy wood harvesting
- Small wood harvesting by accumulation
- Clearing of electricity lines, road sides and field edges



## Efficiency for different purposes

The modular structure of the Naarva grapple and the various frame, guillotine, and accumulating grip size options facilitate customisation based on the base machine and the intended purpose. Hydraulics designed for small harvesters in particular are available as an option. In harvester version, hydraulics system is integrated inside of the accumulating unit which makes it possible to control Naarva with harvesters own steering system.

### Accumulating gripper options

#### BASIC ACCUMULATING GRIPPER

- Wide accumulating gripper for larger tree groups or bushes
- Efficient for roadside clearing
- Opening 90 cm
- Suitable for forwarders and excavators



#### HARVESTER MODEL

- Size and properties are similar with basic model
- Casing for harvester hydraulic equipment is in the accumulating gripper



### Guillotine options

#### STRONG - MAXIMUM CUTTING POWER

- Traditional Naarva-guillotine
- Two-phase cutting:
  1. Grippers close around the tree
  2. Cutting cylinder pushes the blade through the tree
- Max. cutting Ø25 cm



#### FAST - PRODUCTIVITY WITH SMALLER TREES

- New innovative Naarva-guillotine
- Cuts with one stroke:
  1. Grippers close around the tree and force the blade through the wood
- Max. cutting Ø28 cm



**A new product!**

	Strong guillotine, forwarder hydraulics	Strong guillotine, harvester hydraulics	Fast guillotine, forwarder hydraulics	Fast guillotine, harvester hydraulics
<b>Production code</b>	<b>EL25</b>	<b>EH25</b>	<b>EL28</b>	<b>EH28</b>
<b>Weight</b>	390 kg	430 kg	450 kg	490 kg
<b>Height in felling position</b>	95 cm	95 cm	105 cm	105 cm
<b>Opening of loading grapple/accumulating grippers</b>	90 cm / 90 cm	90 cm / 90 cm	90 cm / 90 cm	90 cm / 90 cm
<b>Cutting diameter*, force and time**</b>	Max. cutting: Ø 25 cm Cutting force: 95 kN Cutting time: 1,8s		Max. cutting: Ø 28 cm Cutting force: 60 kN Cutting time: 1,4s	
<b>Required pressure</b>	170-200 bar			
<b>Required oil flow</b>	50-90 l/min forwarder hydraulics, 50-160 l/min harvester hydraulics			
<b>Warranty</b>	12 months or 1000 hours			
<b>Control system</b>	Cable control with 3 buttons			
<b>Voltage</b>	12V or 24V			

All provided values are approximations. The manufacturer reserves the right to make changes in the products. 04/2011.

\*The max. cutting diameter is approx. 30% lower for hard wood (such as oak and beech). \*\* With oil flow 70 l/min

## Accessories

- Radio control with various transmitter options
- Extension boom for 8-15 tn excavators, also with hydraulic extension boom
- Cejn Flat-face quick couplings
- Rotator FR10 / FR15 / FR21
- Suitable link for rotator
- Spare part packages
  - The basic wear and tear part package including seal kits, rubber dumper, valve connectors
  - Wide spare part package including basic package + spare parts for valves and complete hose set

For more information: [www.naarva.fi](http://www.naarva.fi)

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### MANUFACTURER

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