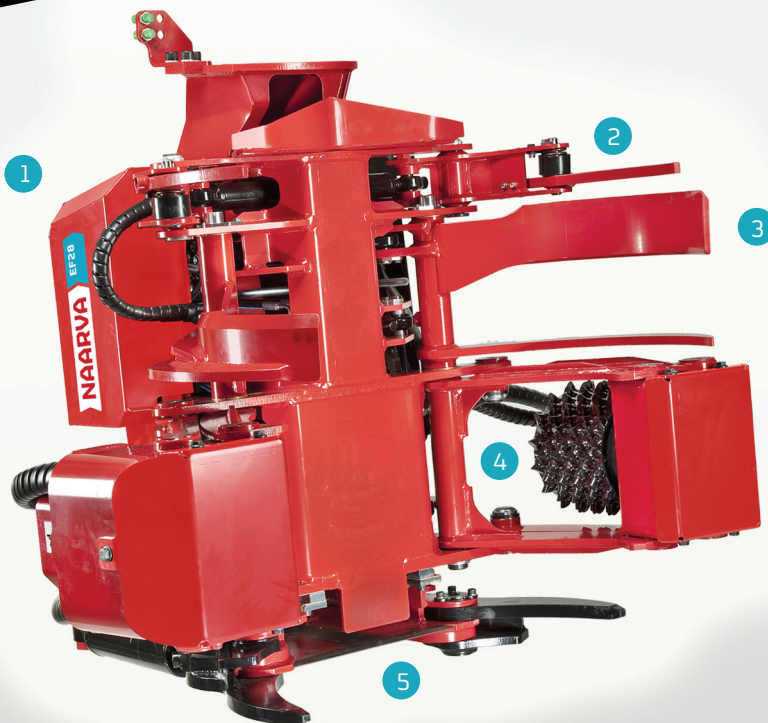


**NAARVA****EF28**

# Feeding energy wood head for harvesters, 14-20 ton excavators, and combi machines

Designed to meet the most current energy wood and small wood harvesting and handling requirements

A new product!



## Features

- Efficient multi-tree handling, cutting and accumulation
- Non-slipping feeding, delimiting in bunches
- Quick guillotine cutting, 28 cm
- Length measuring
- Reliable hydraulics
- A simple and cost-effective radio controlled automation system

## Suitable for

- Integrated harvesting
- Energy wood harvesting
- First thinning



- 1 Reliability and cost-efficiency**
  - A compact and durable structure, made of high strength steel
  - Hydraulics and automation designed for integrated harvesting
  - Economic fuel consumption
- 2 Multi-tree handling and accumulation**
  - High-capacity multi-tree handling grippers
  - Loading grapple -type delimiting blades
  - The feeding rollers open sideways for easier accumulation
- 3 Delimiting**
  - A very wide opening, 83 cm
  - The open shape of the upper blade provides perfect operation when delimiting bunches
  - Delimiting diameter 4-42 cm
- 4 Feeding**
  - Smooth, non-slipping feeding
  - Low pressure requirements for feeding
  - Length measuring has been integrated with the feeding
  - Feeding diameter 2-39 cm
  - Controlled lifting of the tree
- 5 Cutting**
  - New, quick guillotine cutting
  - Max. cutting diameter: 28 cm
  - Full cutting power is maintained throughout the entire movement.
  - The cutting surface is clean and even.
  - Stump treatment is available as an option.

Production code	EF28
Weight	700 kg
Height in felling position	116 cm
Grapple opening	83 cm
Delimiting diameter	4-42 cm
Feeding speed / Feeding force / Feeding diameter	4 m / s 13 kN 2-39 cm
Cutting diameter*, force and time**	Max. cutting: Ø 28 cm Cutting force: 240 kN Cutting time: 0,7 s
Required pressure	240 bar
Required oil flow	170 l / min
Warranty	12 months or 1000 hours
Control system	Harvesters own control system or Naarva-automatic with radio control
Voltage	12V or 24V

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

## Naarva automation system for effective control

**New!**

Simple and cost effective automation system including radio control. Wireless connection between the grapple and cabin.

### Features include

- Small and clear display
- Compact and durable grapple module
- Easy to adjust
- Wood specific settings for rollers and delimiting blades
- Length measuring from feeding rollers
- Delimiting blade pressure reduction during bundle feeding
- Calculation of stem amount

\* The max. cutting diameter is approx. 30% lower for hard wood (such as oak and beech).  
\*\* With 200 l/min oil flow

## Accessories:

- Evolvent spike rollers or rib-type spike rollers
- Radio control with various options
- Extension boom for excavators
- Rotators
- Suitable link for the rotator
- Spare part packages
  - Basic wear and tear part package including hose kit and sensors etc.
  - Wide package including basic package and guillotine wear part kit, seal kits and valves

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

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