

## Leading features with patented Naarva technology

All Naarva felling heads, energy wood heads, and stroke harvesters are equipped with an efficient guillotine that cuts the wood with a single blade. One of the five available options (Ø20–Ø32 cm) will suit each application.

Naarva guillotine is a separate device that is attached to the grapple frame with a slide bar. The guillotine does not obstruct the handling of tree bunches, big or small, during loading. The guillotine always cuts against grippers and slides along the slide bar during cutting, thus allowing for the full cutting power to be directed to the wood. Even the thickest of trees can be cut without straining the grapple frame or crane.

Naarva guillotine is reliable and can also be used for tasks where chainsaws would be of no use and shear cutting would be ineffective. The cutting blade is made

of wear-resistant steel, which is not damaged by sand or other impurities. Therefore stumps can be cut close to the ground and trees harvested in challenging terrains also. The cutting power is sufficient to cut through thick tree bunches, bushes, and hard woods. Problems with chainsaw bars and chains will become a thing of the past, as the guillotine is practically service-free compared with various types of chainsaw equipment. The blade will remain sharp for a long time and can be sharpened with a grinder or similar.

### THE SELECTION OF NAARVA GUILLOTINES

#### THE ROBUST 32 GUILLOTINE

MAX. CUTTING DIAMETER: Ø32 CM\*

The 12 mm blade is made of wear-resistant steel and slides during cutting guided by the grippers. The entire cutting device slides backwards during cutting and is restored to its original position by a spring. The grippers can grip a bush or a bundle of trees up to 50 cm thick and squeeze it tight before cutting. The efficiency of cutting is increased by auxiliary blades located in the grippers.



#### THE STRONG 23 AND 25 GUILLOTINES

MAX. CUTTING DIAMETER: Ø23 AND Ø25 CM.\*

Robust grippers close around the tree and a powerful cutting cylinder pushes the blade through the wood. The grippers support the blade from the sides and the extended side bars of the blade slide inside the frame during cutting. The entire cutting device slides backwards during cutting and is restored to its original position by a spring.



#### THE QUICK 20 AND 28 GUILLOTINES

**A new product!**

MAX. CUTTING DIAMETER: Ø20 AND Ø28 CM.\*

In the newest innovative guillotine model, the grippers press the tree against the blade with one movement, which speeds up the work. During cutting, the entire guillotine slides towards the tree pushed by hydraulic cylinders and same cylinders restores to its original position after cutting. Cutting is quick and the blade cuts through the entire tree. Due to the unique structure, full cutting power is maintained throughout the entire movement. In case of tree bundles, this means that full cutting power is maintained from the first to the last tree in the bundle.



\* The max. cutting diameter is approx. 30% lower for hard wood (such as oak and beech).

**Naarva guillotine for efficient cutting:**

- five sizes
- cuts up to Ø 32 cm trees and Ø 50 cm bushes
- durable, virtually service-free technology

- also suitable for cutting tree bundles
- does not restrict loading capabilities
- a clean and even cutting surface