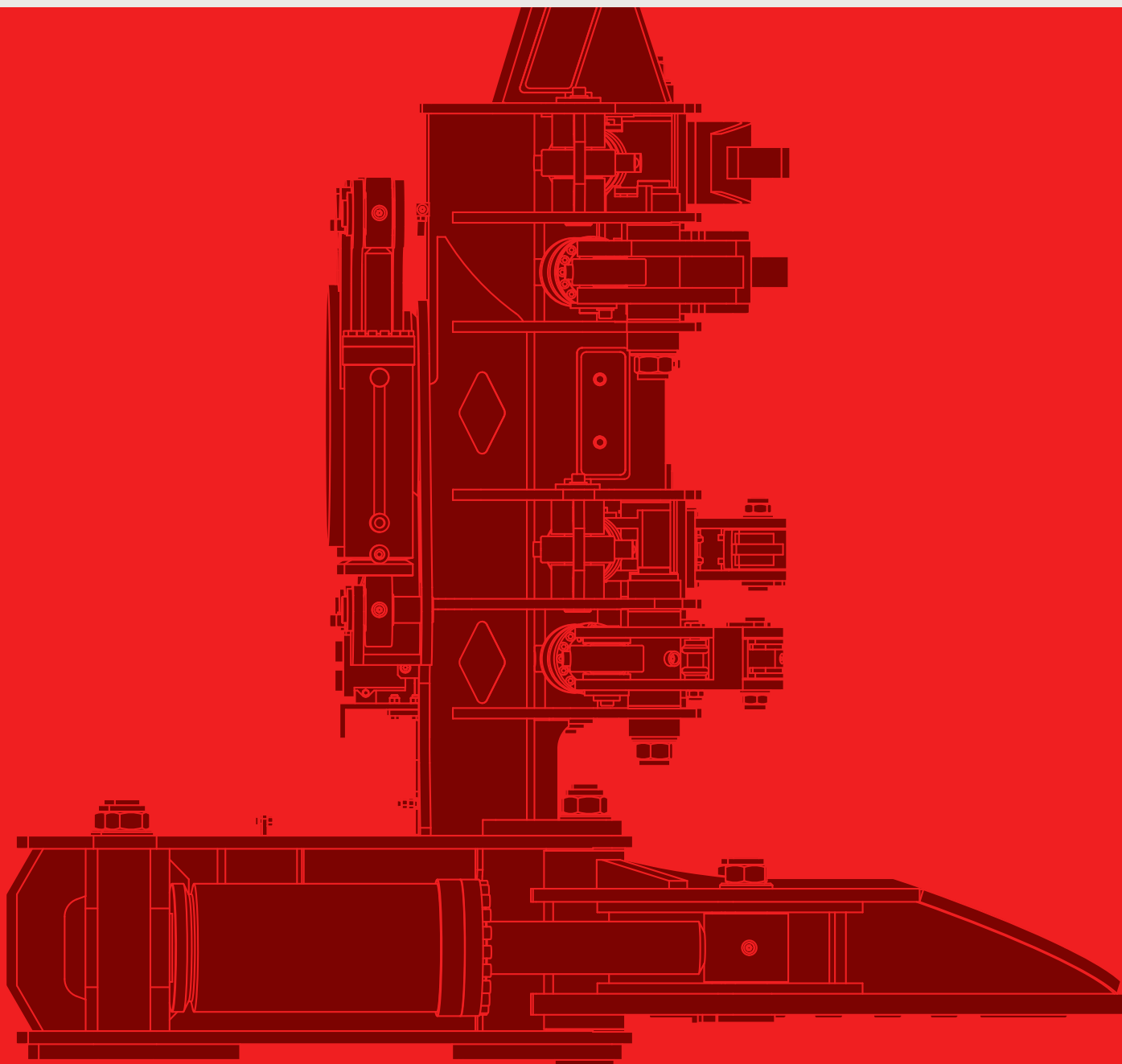


Monra MRF-60

Forestry Felling Head



We were born repairing machines. We grew by designing them so they don't fail.

CONTEXT OF USE

Forestry harvesting operations begin with tree felling, a critical phase that determines the safety, productivity, and efficiency of the rest of the process. In demanding working environments (hardwood, uneven terrain, or high-intensity workloads), felling equipment must provide reliability, structural robustness, and the ability to operate continuously.

The MONRA MRF 60® felling head is designed to carry out intensive felling work in a simple, safe, and highly efficient way.

OPERATIONAL CHALLENGES



High structural demands during felling

Felling subjects the equipment to intense structural stress caused by tree weight, trunk torsion, and impact during cutting.



Irregular working conditions

Slopes, wet terrain, or unstable forest soils make it difficult to maintain equipment stability during cutting and handling operations.



Need for continuous operation

Forestry work requires sustained performance over long working days, demanding robust and reliable machinery.



Diversity of tree species

Operations may involve different types of wood, with varying densities, diameters, and structural characteristics.

The MONRA MRF 60® is a shear felling head designed to deliver high performance in intensive logging operations.

Its design prioritizes structural strength, operational reliability, and ease of use, allowing continuous work to be carried out safely and efficiently. Thanks to its compatibility with base machines over 20 tons, it can be easily integrated into different forestry machinery configurations.

Efficient felling is the first step in optimizing the performance of the entire forestry value chain. The MONRA MRF 60® enables high operational capacity and reliability, ensuring workflow continuity and reducing interruptions.

High performance in felling operations

The head design enables fast and efficient felling, optimizing the forestry workflow.

Structural robustness

Built to withstand the mechanical stresses of intensive felling work.

High working capacity

The machine is designed to handle trees of different species and sizes, adapting to various forestry conditions.

Simple and safe operation

Allows continuous work while reducing operational complexity for the operator.

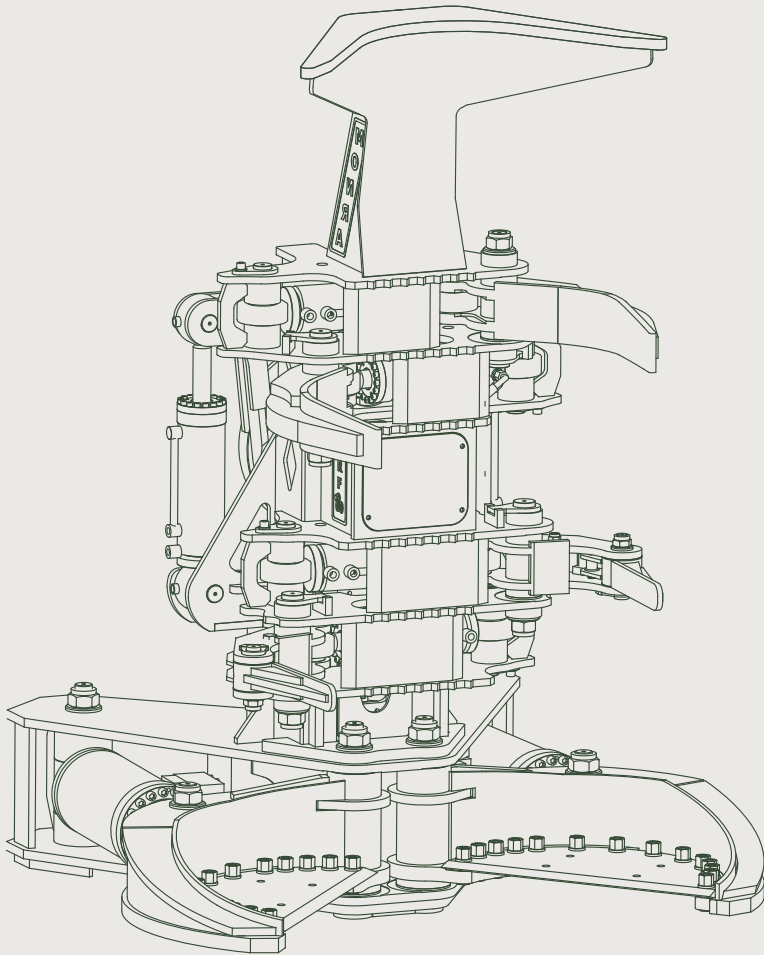
By improving efficiency in the initial stage of forestry harvesting, the overall performance of subsequent operations, such as processing and biomass management, is enhanced. Its main benefits include: increased productivity in felling operations, reduced operational interruptions, continuous working capability, and adaptability to different types of wood.



TECHNICAL SPECIFICATIONS

Weights and dimensions

Length	2,126 mm
Width	1,492 mm
Height	2,557 mm



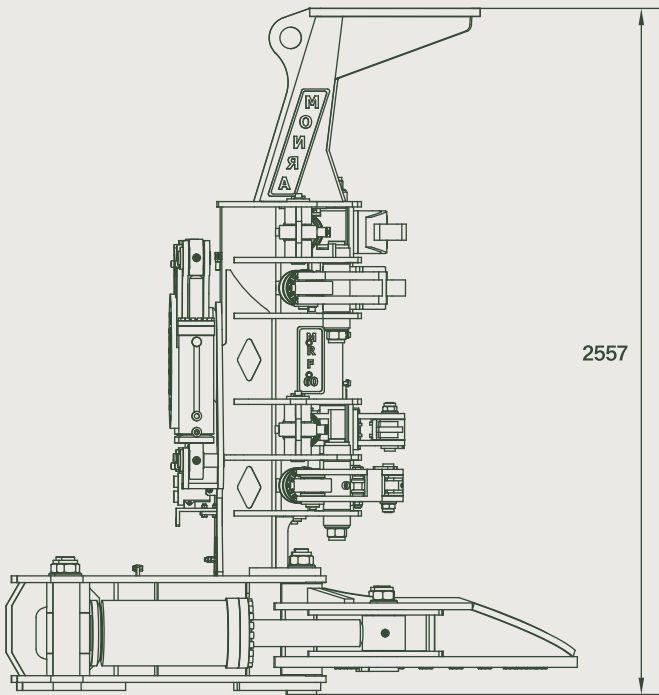
Felling head	Shear felling head
Cutting capacity	650 mm
Shear assembly	High-strength treated cutting blades
	Tree accumulation system
Chassis	High-yield-strength steel

Operating and hydraulic parameters	
Tilt angle	-20°, +20°
Hydraulic valve block	Parker
Maximum working pressure	300 kg/cm2
Recommended base machine	From 20 t

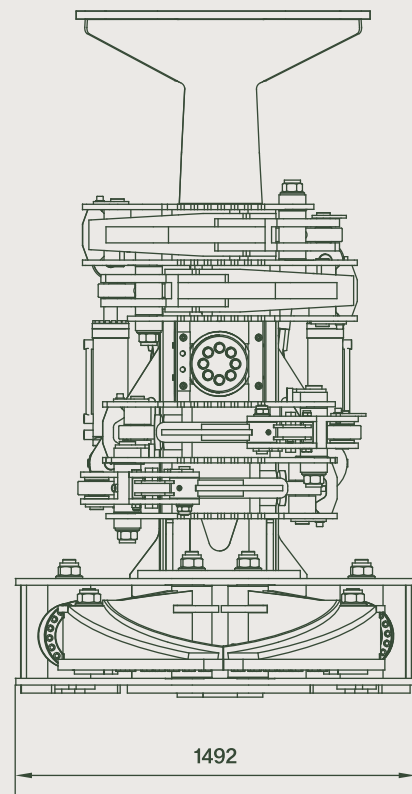
OPTIONAL EQUIPMENT

Quick coupler system compatible with other MONRA products

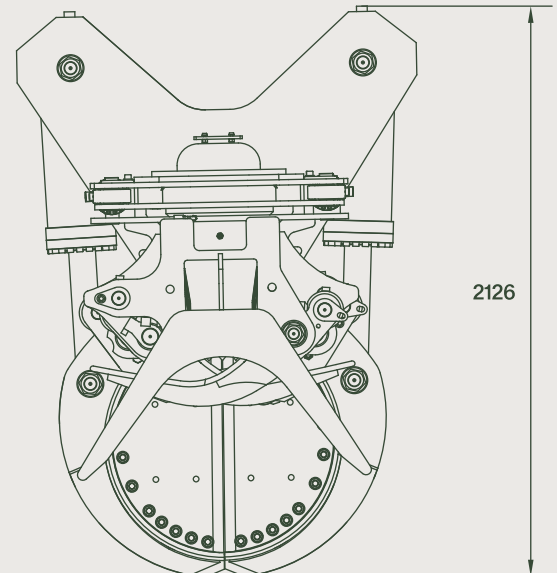
FRONT VIEW



SIDE VIEW



TOP VIEW



Design

For the felling head:

- Our engineering department designs and calculates all components.
- All welding is carried out by highly qualified and certified personnel.
- Manufacturing is performed using high-precision CNC machinery.
- Once assembly is completed, the unit is fully certified.



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Design and specifications may change without prior notice.
TALLERES RAMÓN CASTRO® is not responsible for any differences
between the catalogue information and the actual machinery.



ISO 9001
LL-C (Certification)

Our company implements ISO 9001 quality control standards, ensuring strict quality procedures throughout the entire manufacturing process.



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