

Mustad AUTOLINE

Smart technology and equipment
for longlining and fish processing



A better way to fish!



MA BM 3400 AutoBaiter

NEW

All-electric, high-speed,
precision auto-baiter.

There's no doubt! - it's at least
ten times more efficient!

Fisherman Ólafur Einarsson



- Adjustable to accurate bait size
- Compact, space-efficient design
- Remote troubleshooting via satellite connectivity
- Integrates with electric or hydraulic components

- A better way to fish!



- A better way to fish!

50 years of innovation, partnership, and proven performance. Mustad Autoline is built on the vision of automated longlining - ideas that began more than 50 years ago. For half a century we've been pioneering, designing, producing, improving and maintaining reliable, efficient automated longline systems. At the heart of this journey are our people. Our employees and our customers are our strongest asset, - their dedication and expertise have shaped who we are and continue to drive us forward. We have made significant investments in state-of-the-art production facilities and continue to advance our specialized expertise at Gjøvik, in Norway. Through advanced manufacturing technologies and a highly skilled workforce, we remain globally competitive.

By keeping production in-house and closely integrated with our development and administrative teams, we ensure short decision-making processes, strict quality control, and maximum value creation for our customers.

We are proud of our 50-year autoline journey, - and inspired for what lies ahead! When quality counts, experience matters.



Mustad Autoline All-electric E-Line System - Intelligent system interaction for smarter operations. Designed to maximize operational efficiency and support a climate-neutral future, the Mustad Autoline E-Line System represents a new generation of sustainable autolining technology. Featuring fully electric components

and intelligent PLC-based control, the system delivers seamless integration, efficient operation, and enhanced reliability.

Custom-built for each vessel, the E-Line System can set and haul from 3,000 to more than 80,000 hooks per day. Combining advanced automation, smart technology, it sets a high standard for modern longline fishing.



Longline System Hydraulic, Built for the world's most demanding and efficient longliners for half a century, Mustad Autoline has been the trusted choice, delivering robust, well designed gear for vessels setting and hauling from 2,000 to 80,000 hooks a day. "Robust gear, real people - Mustad keeps us fishing strong."

states Mr. Tugdual Poirier, Cap Bourbon S.A. From the Cap Horn 1 to today's Cap Kersaint, Mustad has been our partner of choice. Their equipment is reliable, efficient, and perfectly matched to our needs. Backed by attentive service and a direct working relationship, Mustad Autoline has kept us fishing at our best — and will for years to come

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Mustad Autoline Havfront machines are designed for precise, gentle, and efficient gutting and heading of whitefish.

With advanced technology and high precision, the machines ensures optimal raw material utilization, preserving roe and liver intact - adding value to the final product.

The machine reduces the need for heavy manual labor and increases productivity in the production line while delivering consistent, high-quality results. With HAVFRONT, you get a reliable, modern solution that optimizes the process and ensures good utilization of raw materials.

AutoBaiters Electric

Precision baiting

The Mustad Autoline baiting machines automatically cuts the bait at a preset size and baits the hooks with precision.

Baitfish is placed on a spiked conveyor chain, feeding it into the machine. As the hook passes through, a knife cuts the bait to a preset size (26mm–32mm), and the hook penetrates the bait twice before being launched over the stern. These machines are compatible with manual, hydraulic, and electric e-line components.

Compact in design, they require minimal space. The machines are compatible for circle hooks (12/0 to 14/0, offset and straight) and EZ/J-hooks (12/0 to 15/0)

MA BM 6000 SuperBaiter

Performance without compromise, – each detail is designed to make the baiting process even more accurate at high speed, – and still simple to operate.

Key Features

Setting speed	up to 6 hooks/sec
Weight	380kg (838 lbs)
Power supply	Servo electric
Height	Adjustable 1550 - 2300 mm
With	1645 mm
Length	1560 mm
Hook type	Hooks for autolining, including Circle, EZ Baiter, and offset hooks

Service controller Sinamics System

The touch panel enables easy operation and displays error codes for quick troubleshooting. Features include a "heavy-duty" function for increased knife force and the option to pre-program baiting intervals, from every second hook to every tenth hook, offering versatile functionality.

MA BM 3400 AutoBaiter E-Line

Designed for speed and precision, this all-electric AutoBaiter delivers up to 3.5 baited hooks per second with RotoBait™ accuracy and offers adjustable bait sizing for optimal performance. It supports multiple hook types -including Circle, EZ Baiter, and offset, and integrates seamlessly with the hook storage systems MagPacker, Cross Ship Rails and HandyMag. Built for low maintenance and equipped with satellite-enabled remote troubleshooting, it features a compact, space-saving design engineered with environmental responsibility in mind. Proudly designed and manufactured in Norway, this advanced solution sets a new benchmark in automated longlining.

Key Features

Setting speed	up to 3.5 hooks/sec
Weight	190 kg / 419 lbs
Power supply	Electric, 3-phase 200 - 600 VAC 8 kw
Height	Adjustable 1600-1800 mm
With	770 mm + 530 mm
Length	1370 mm
Hook type	Hooks for autolining, including Circle, EZ Baiter, and offset hooks



MA BM 6000 SuperBaiter



 PLC based control system - intelligent interaction



 MA BM 3400 AutoBaiter

AutoBaiters Hydraulic

Precision baiting

The Mustad Autoline baiting machines automatically cuts the bait at a preset size and baits the hooks with precision.

MA BM 3000 AutoBaiter Hydraulic

Engineered for precision, and durability, the MA BM 3000 AutoBaiter delivers up to 3 baited hooks per second with RotoBait™ accuracy and features adjustable bait sizing (26 -32mm). Known for its long-lasting quality and durability, it supports multiple hook types -including Circle, EZ Baiter, and offset, and integrates seamlessly with hook storage systems such as MagPacker, Cross Ship Rails, and HandyMag.

Key Features

Setting speed	up to 3 hooks/sec
Weight	140 kg / 311 lbs
Oil flow	Rate 16/28 l/min
Power supply	Hydraulic
Height	Adjustable 1600-1800 mm
With	770 mm + 530mm
Length	1370 mm
Hook type	Hooks for autolining, including Circle, EZ Baiter, and offset hooks



Precision baiting and high baiting percentage is key to success!



E LINE MA HS 2020 E-Line
HookSeparator

HookSeparator Electric

High speed re-racking of hooks and line

The main function of the HookSeparator is to separate the hooks from the mainline and guide them onto the storage magazines. This is done automatically as the line is hauled onboard. The HookSeparator is also a slack taker keeping tension on the line coming from the main hauler.

Catch Rate

The HookSeparator's exceptional efficiency comes from its powerful magnets. These magnets reliably catch the hooks and separate them from the mainline, guiding them smoothly into the magazine for optimal organization and handling.

High-Quality Components

The main body is built from corrosion-resistant stainless steel, while the sheaves are made from a lightweight durable aluminum composite. A spring-loaded pressure wheel ensures consistent grip on the line. Additionally, the specially designed hook guide minimizes wear on both hooks and gear, ensuring smooth and efficient re-racking of hooks and line.

High-Pressure Water Jet

An integrated high-pressure water jet cleans hooks and line before storage. The water-induced vibration also helps untwist snoods from the mainline, improving catch rate and preventing tangles.

E LINE PLC based control system - intelligent interaction



E LINE MA HS 2010 E-Line
HookSeparator

MA HS 2020 E-Line

Key Features

Weight	250 kg / 551 lbs
Height	Adjustable 1950 - 2250 mm
Hauling Power	Adjustable
Hauling Speed	0-100 m/min 328 ft/min
Sheave Diameter	Outer diam. 440 mm
Power Supply	Electric, 3-phase 200-600VAC 8Kw
Hook type	All hooks for autolining, including Circle, EZ Baiter, and offset hooks

MA HS 2010 E-Line / Hydraulic - optional

Key Features

Power Supply	Optional electric or hydraulic
Weight	200 kg / 440 lbs
Hauling power	Adjustable
Sheave Diameter	Outer diam. 440 mm
Nominal power consumpt.	0,5-1 Kw
Hook type	All hooks for autolining, including Circle, EZ Baiter, and offset hooks



- Live information
- Intelligent interaction
- Tighter lines when hauling
- Increased productivity
- More quality fish to market

HookSeparator Hydraulic

High speed re-racking of hooks and line

The HookSeparator automatically separates hooks from the mainline and guides them into storage magazines as the line is hauled onboard. It also functions as a slack taker, keeping tension on the line from the main hauler.

Catch Rate

Powerful magnets are one of the key factors behind the HookSeparator's exceptional efficiency. The magnets catch and separate the hooks from the mainline, guiding them smoothly into the magazines for optimal storage.

High-Quality Components

Built with corrosion-resistant stainless steel and durable, lightweight aluminum composite sheaves. A spring-loaded pressure wheel ensures firm line grip, while a specially designed hook guide reduces wear and improves the re-racking process.

High-Pressure Water Jet

A built-in high-pressure water jet cleans hooks and line before storage.

MA HS 2000-03 Hydraulic

The SP2000-03 is 150 mm taller than the SP2000-02, allowing a sloped exit rail. This allows hooks to slide more smoothly into the storage magazine, reducing manual handling and labor.

Key Features

Weight	300 kg / 660 lbs
Height	1910 mm
Hauling Power	Adjustable
Hauling Speed	0-100 m/min 328 ft/min
Sheave Diameter	Outer diam. 440 mm
Oil Flow Rate	16 l / min / 4,2 gl / min
Power Supply	Hydraulic
Hook type	All hooks for autolining, including Circle, EZ Baiter, and offset hooks


MA HS 2000-02 Hydraulic

Engineered for precision and built to last, the MA HS 2000-02 is renowned for its long-lasting quality and reliability.


Key Features

Weight	300 kg / 660 lbs
Height	1760mm
Hauling Power	Adjustable
Hauling Speed	0-100 m/min 328 ft/min
Sheave Diameter	Outer diam. 440 mm
Oil Flow Rate	16 l / min / 4,2 gl / min
Power Supply	Hydraulic
Hook type	All hooks for autolining, including Circle, EZ Baiter, and offset hooks



 MA HS 2000-03 HookSeparator



 MA HS 2000-02 HookSeparator



Storage of hooks and line

Compact, functional storage of magazines loaded with hooks and line, tailored to the available space on board the vessel.

MA MPE E-Line MagPacker system

The new generation MagPacker is an all-electric driven system for automatic handling and storage of magazines with hooks and line. Made of heavy-duty stainless steel and designed to reduce manual labour and increase safety and efficiency on board. For compact and secure storage, we recommend pairing the MagPacker with our Line-Press system.

The MA MPE E-Line is developed as a part of the Mustad Autoline E-Line System and works optimally in combination with the E-Line SuperBaiter (MA BM 6000), E-Line Hauling unit (MA HH 4000), and E-Line Hook-Separator (MA HS 2020). The E-Line components are connected and synchronized through a PLC-based control center to ensure continuous and optimal operations.

Length of magazines 3 - 3,5 - 4 m

MA MPH Hydraulic MagPacker system

The hydraulic operated MagPacker system for automatic handling and storage of hooks and line is made of heavy-duty stainless steel and is designed to reduce manual labour and increase safety and efficiency. To ensure compact storage of lines a LinePress system is standard equipment on a MA MPH MagPacker storage system.

Key Features

Weight example (approx.) without valves

1950 kg / 4300 lbs	- incl. 20 empty magazines/ 3 m
2050 kg / 4519 lbs	- incl. 20 empty magazines/ 3,5 m
2150 kg / 4740 lbs	- incl. 20 empty magazines/ 4 m

Length of magazines 3 - 3,5 - 4 m

MA LP V2 - LinePress

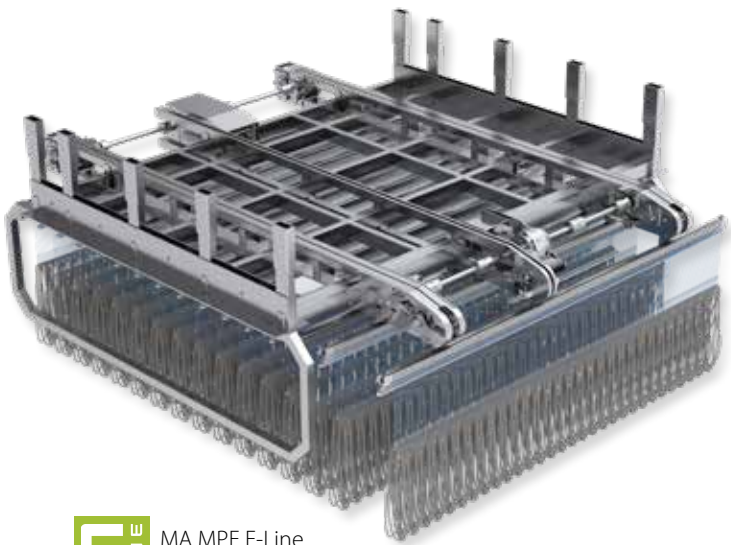
The hydraulic MagPacker system is delivered with a line press as standard equipment. The line press keeps the rest of the line in place when setting and hauling to give room for the hooks and line sliding on the front magazine. Also, the line press act as a security installation to prevent great movements of the heavy line during bad weather.

Storage magazines

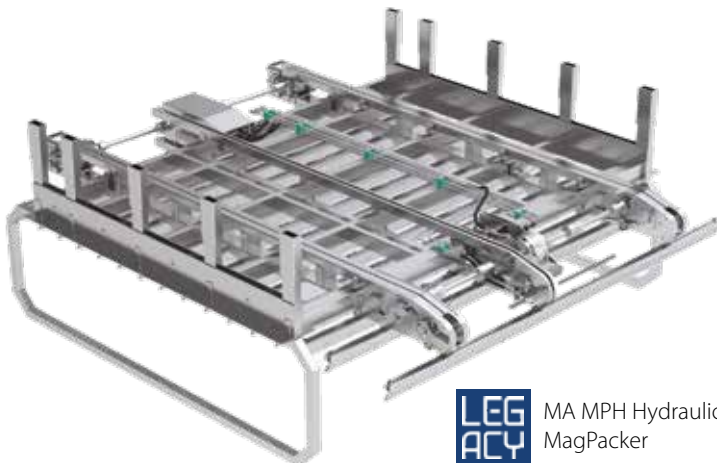
The magazines are made of aluminium and stainless steel, with complete sliding rails, inspection slits and hatches for simple mounting of hooks and snoods. The adjustable magazines can easily be adapted to different hook types and sizes by adjusting the top rail.

Key Features

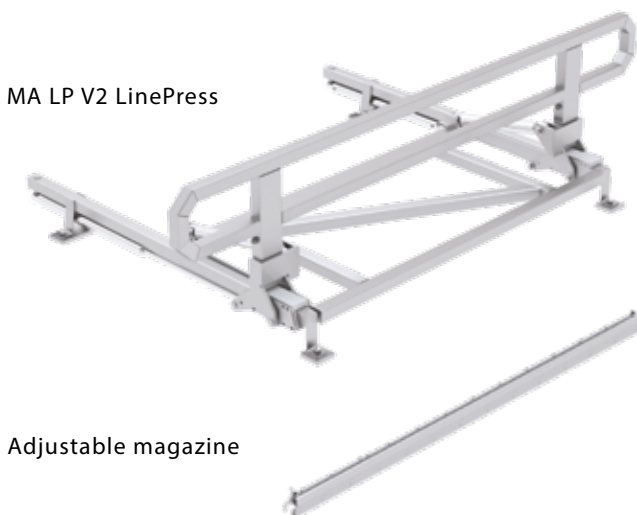
Weight of each magazine	7,1 kg/ per meter
Length	2 - 2,5 - 3 - 3,5 - 4 m



E LINE
MA MPE E-Line
MagPacker system



LEGACY
MA MPH Hydraulic
MagPacker



MA LP V2 LinePress

Adjustable magazine

MA CR - Cross ship rails

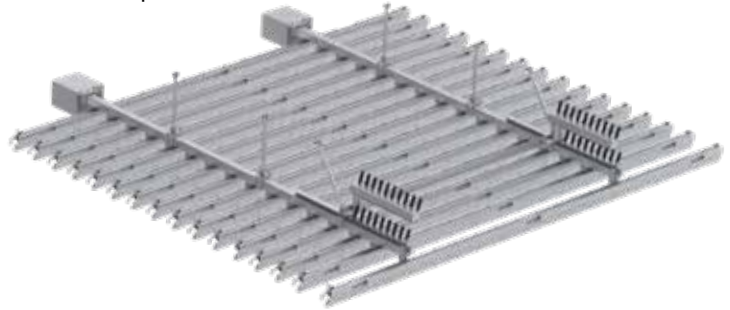
Robust cross ship rails with magazine trolleys designed for manual handling and storage of magazines with hooks and line. The magazines are mounted to trolleys in transverse tracks and are pushed manually to setting or hauling position. Delivered with dist. 160 mm and 190 mm between the magazines.

Key Features

Weight examples of clamps, profile rails and magazines:

- 8 mag. á 3.5 m 270 kg
- 16 mag. á 3.5 m 535 kg
- Length of magazines 2 - 2,5 - 3 - 3,5 - 4 m

MA CR
Cross Ship Rails



MA MPM - Manual MagPacker

Designed especially with regards to safety and functionality on board. The MagPacker is a strong stainless steel rack keeping the heavy magazines loaded with hooks and line in place.

The magazines are moved in position for setting or hauling by a simple hand maneuver. Empty magazines are pushed into a temporary storage position above the rack awaiting hauling operation.

Delivered with 110 <= 7mm ,125 <= 9 mm ,160 <= 11mm distance between the magazines.

Key Features

- Weight example 220 kg / 489 lbs
(incl. 10 empty magazines/3m)
- Length of magazines 2 - 2,5 - 3 - 3,5 - 4 m

MA MPM
Manual MagPacker



MA HM 150 - HandyMag storage rack

The Mustad Autoline HandyMag storage rack is designed to fit on smaller vessels, from approx. 30 feet and above. The storage unit is flexible and is tailored according to the space available on board. Standard length of magazine is 1m (40 inch.)

HandyMag storage magazines are customized to fit the following hook types: Mustad EZ baiter (J-hooks) 11/0 - 14/0, Mustad #40 000 (semi circle / semi EZ/J-hook) and Mustad Circle hook 12/0-15/0 both offset and straight.

Key Features

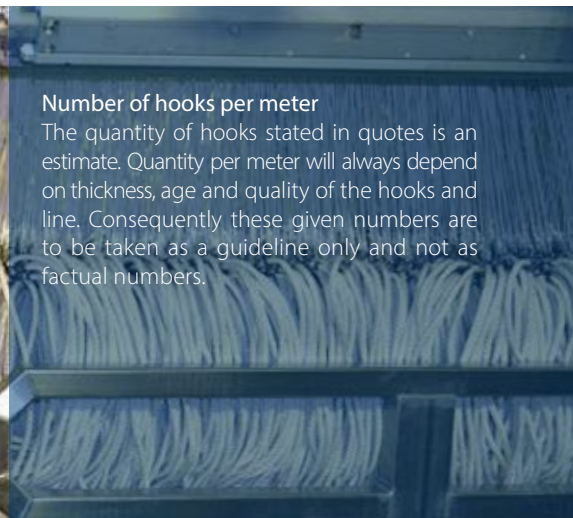
- Weight of rack 85 kg / 187 lbs
(incl. 10 empty magazines/1m)
- Length of magazines 1 m

MA HM 150
HandyMag
storage rack



Number of hooks per meter

The quantity of hooks stated in quotes is an estimate. Quantity per meter will always depend on thickness, age and quality of the hooks and line. Consequently these given numbers are to be taken as a guideline only and not as factual numbers.



Hauling stations

E-LINE MA HH 4000
with RotoCleaner
and LineRetriever



An autoline vessel spends about 80% of the time on hauling the line. Efficient hauling is key to increased profit.

MA HH 4000 E-LINE All-electric hauling station

Our premium all-electric hauling station is equipped with a PLC based adaptive control system. Intelligent interaction provides responsive and accurate tension control. The instantaneous reaction to the vessel's movements allows even smoother hauling of the line and may reduce loss of large fish during the hauling process and lowers the risk of breakage and wear and tear of the line.

The large diameter of the sheaves provides good grip of the line and is yet another measure to reduce wear and tear of both sheaves and lines.

Key Fetures

Weight	1110 kg / 2447 lbs
Length	2020 mm (incl. HookCleaner)
Width	1306 mm
Height	1500 - 1800 mm (adjustable)
Hauling Power	2000 kg / 4400 lbs
Hauling Speed	150 m/min / 500 ft/min
Sheave Diameter	700 mm
Power Supply	Electric synchronous servo motor
Power demand	32 amp / 36KW

LEGACY MA HH 3200
with RotoCleaner



MA HH 3200 - Hydraulic hauling station

Our premium hydraulic line hauler. The large sheaves reduce wear and tear on the line while also significantly improving grip of the line. The hauler is directly powered by a radial piston motor with a stainless steel shaft.

Key Features

Weight	1099 kg / 2423 lbs
Length	1883 mm (incl. HookCleaner)
Width	1434/1233 mm (with/without LineRetriever)
Height	2327 - 1827 mm (adjustable)
Hauling Power	1700 kg / 3750 lbs
Hauling Speed	150 m/min / 500 ft/min
Sheave Diameter	600 mm
Oil Flow Rate	100 l/min / 26,4 gal/min
Power Supply	Hydraulic

The recommended solution is a complete hauling station with Hauler H3200, RotoCleaner, LineRetriever and computerized LineController.

The hauling unit can also be supplied as a stand-alone unit, and controlled manually by a valve at the rail.

With a LineController system the skipper takes control of the hauling process and is able to monitor the power and speed of the hauler from a touchscreen in the wheelhouse. The LineRetriever is synchronized with the line hauler and keeps constant tension on the line.



LEGACY MA HV 200
Hydraulic hauling unit

MA HV 230

A robust hauler delivered with rail roller and optional hook cleaner. A set of magnets guides the hooks to the back of the sheaves, an appreciated safety benefit.

The rail roller, with Ø 219,1 / 9" and roller bearing, can be adjusted in an angle up to 120°. The rail roller section is hinged, and may be tilted inward when not in use.

Key Features

Weight	Approx. 395 kg w/FixedCleaner / 871 lbs Approx. 435 kg w/RotoCleaner / 948 lbs
Height/ lenght x width	1650 - 1740 mm / 2570 x 1980 mm
Hauling Power	550kg / 1213 lbs (720kg / 1587 lbs max.)
Hauling Speed	123 m / min
Sheave Diameter	400 mm outer diam.
Oil Flow Rate	54 l / min
Power Supply	Hydraulic
Line diameter	3,5 - 11,5 mm
Hook cleaner	4 rotating brushes or 3x3 fixed brushes

MA HV 100

A light hauler developed as part of the Mustad Autoline Coastal System. Can also be used as a stand-alone hauling unit. Devliered complete with hook cleaner and railroller.

The rail roller comprise three separate rolls: L400 x Ø60mm. It is hinged, and may be tilted inward when not in use.

Key Features

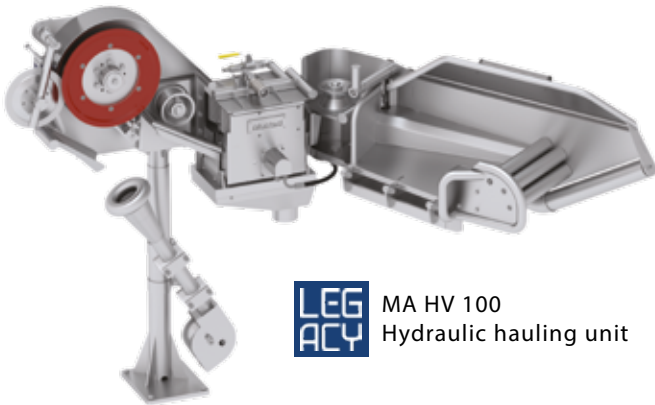
Weight	240 - 310 kg / 529 - 683 lbs
Height / lenght	1650 - 1770 mm / 2480 - 1980 mm
Hauling Power	495kg / 1091lbs (normal) (660 kg / 1455 lbs max.)
Hauling Speed	123 m/min
Sheave Diameter	400 mm outer diam.
Oil Flow Rate	43 l / min.
Power Supply	Hydraulic
Line diameter	5,5 - 9,5 mm
Alternativ hook cleaners	4 rotating brushes or 2 rotating brushes or 2x2 fixed brushes

MA HV 50

A compact rail mounted hauler suited to the hand baiting market, but is also compatible with Mustad Autoline systems.

Key Features

Weight	200 kg / 440 lbs
Height / lenght	805 mm from rail / 2028 mm
Hauling Speed	up to 130m /min at 43l /min
Sheave Diameter	400 mm outer diam.
Oil Flow Rate	43 l /min
Power Supply	Hydraulic
Line diameter	up to 7,5 mm multi & mono
Hook cleaner	2 rotating brushes or 2 fixed brushes



LEGACY MA HV 100
Hydraulic hauling unit



LEGACY MA HV 50
Rail mounted hydraulic hauling unit



HookCleaners

Optimal cleaning of hooks and line increases the productivity, the life span of the hooks and line and improves the functionality of the hook separator.

When hauling the line the hooks and line pass through an integrated "fish-releaser" and are further pulled through and cleaned by brushes combined with water jets before the hooks are separated from the line in the HookSeparator.

Our hook cleaners can easily be fitted to most haulers, be low or high pressure.

MA HCE 400 E-LINE All-electric RotoCleaner

Our premium all-electric RotoCleaner is designed to work in perfect interaction with our Mustad Autoline E-Line system and PLC based adaptive control system.

Each of the four brushes is driven by an independent electric motor with external bearings to ensure reliable operation. The new design makes it easy to change brushes even during operation. In addition, the brushes are longer and move vertically to utilize the entire brush which extends the service life of each brush.

Power Supply Electric synchronous servo motor

MA HC 200 RotoCleaner

The hooks and line pass through an integrated "fish-releaser" and are cleaned by four rotating brushes combined with water jets. Hydraulic motors are synchronised with both main hauler and hook separator, stopping and starting accordingly. The hook cleaner is opened and closed by a hydraulic piston controlled by a strategically placed valve. Hydraulic power is supplied from the same power source serving the hook separator and line retriever.

The RotoCleaner operates smoothly to as low as 20 rpm on the brushes. This prevents unnecessary wear on both the line and the brushes.

Key Features	MA HC 200	MA HC 100
Weight	160 kg / 353 lbs	150 kg / 330 lbs
Oil Flow Rate	2 l/min (0.5 gal/min)	
Power Supply	Hydr. 12,5 ccm, 2 pcs	

MA HC 100 Standard HookCleaner

The hooks and line pass through an integrated "fish releaser" and are cleaned by six fixed brushes combined with water jets. The brushes can be turned in four directions, and the brush spacing is adjustable. This unit is equipped with an open and closing mechanism with automatic locking function.

E-LINE MA HCE 400
E-LINE RotoCleaner
with 4x rotating brushes



LEGACY MA HC 200
RotoCleaner with
2x rotating brushes



LEGACY MA HC 100
HookCleaner with
6x fixed brushes



LineController - Hydraulics

The LineController is a computer-based control and data storage system designed for autolining with hydraulic system. The system consists of software, sensors, hardware and touch screen monitors for easy operation. The system can also be operated by tablets via Teamviewer.

Power supply: 230V (115V/ups and power adapter)

Following data is automatically stored in the LineController:

- Trip number
- Number of lines
- Setting time
- Hauling time
- Number of hooks set
- Baiting percentage
- Catch
- Catch rate per hook
- Depth
- Position - GPS

Dependant on internet access you can also:

- Receive support by a Mustad Autoline technician
- Receive remote troubleshooting

The system has the capacity to monitor up to two Autoline H3200 hauling stations and one baiting machine, SuperBaiter or Mark III.

Expandable system

LineController is available in either baiting or hauling versions or as a full version that combines the two and adds database functionality. Data regarding position, depth plot, number of hooks, baiting percentage and more will be stored automatically in the database. You can at any time upgrade from baiting or hauling version to the full version of LineController.



Optional monitor in a sealed enclosure installed close to the baiting machine.

A touch screen is placed in the wheelhouse.

Hydraulic power unit

MA HPU 30 02

HPU, Hydraulic Power Unit, is the heart of the Mustad Autoline Hydraulic system. A so called parallel system is a more robust solution compared to a serial system where the components are set up in a line. Our HPU is 2x30 kW.

Reduced oil consumption

The cyclone tank separates air from oil, halves the need of buffer oil and lower the oil consumption compared to a traditional tank. Sensors are measuring the water content in the oil, and warns if the level exceeds a pre-defined limit.

Optimal temperature during operation

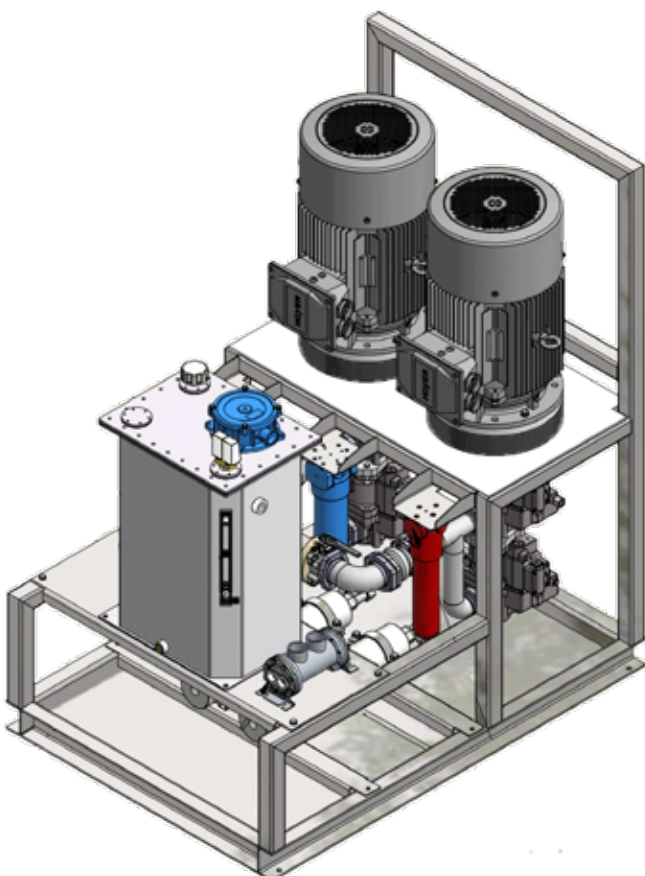
A flow control on the water cooler adjusts the temperature and keeps stable temperature during operation.

Filter guard

Filter status, and warning when the filter should be replaced can be integrated in the LineController system.

Noise cancelling

Features for vibration cancelling are available to reduce noise pollution.





- Live information
- Intelligent interaction
- Tighter lines when hauling
- Increased productivity
- More quality fish to market

PLC Controller system E-Line

The PLC-based control center of the Mustad Autoline E-Line system is designed to provide optimal operation, monitoring, and control of system performance on board the vessel.

Live data available through app



Flexible and stable system

The control system is based on PLC (Programmable Logic Controller) technology and is housed in a single onboard control cabinet. The system creates a network between the machines and collects data from the various electric servo drives. There is no limit to the number of HMI touch screens or PCs that can be connected. If a PC or HMI panel stops working, the PLC continues to operate, allowing another connected unit to maintain system control and operation.

Intelligent interaction

The baiting machine, MagPacker, hook separator, and hauling unit are all connected and synchronized through the control system to ensure continuous and efficient operation. The line retriever automatically adjusts its speed to match the hauling speed. If the hook separator stops, the hauling unit can be stopped automatically, and a warning is displayed on the bridge.

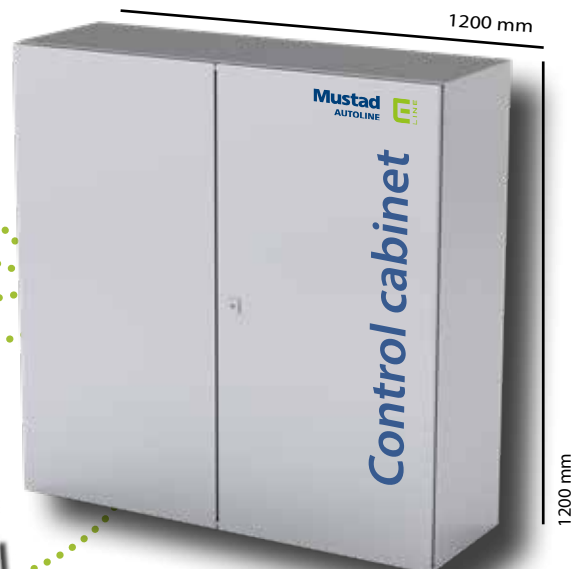
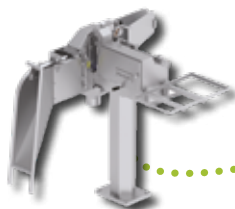
Live information and predictive maintenance

Key operating data, including error codes, temperatures, hauling speed, hauling power, and baiting performance, is available through an app. Authorized users, such as engineers, vessel owners, and Mustad Autoline service technicians, can remotely monitor system performance.

By leveraging continuous data collection and analysis, the system helps predict maintenance requirements and identify worn components before failures occur. This enables maintenance to be planned and performed proactively, minimizing downtime and improving operational reliability. In the event of significant irregularities, warnings are generated immediately, allowing corrective actions to be taken without delay.

Tighter lines when hauling

The adaptive control system and its immediate response time enable autonomous compensation for vessel movements. This is a key feature for maintaining accurate line tension and achieving tighter lines during hauling, even in rough sea conditions.



PLC Controller system Coastal

Avoid line breaches and increase hauling efficiency. The control system monitors and controls the accurate baiting percentage, line pull and speed and works perfect with a Mustad Autoline coastal system.

Live data available - take control and get the most out of your system

Essential information such as the hauling speed, the hauling power and the baiting percentage are displayed and gives an exact picture and full control of the operations.

Compact and flexible system

The system is based on PLC technology (Programmable Logic Control). It is a compact unit collecting and processing data received from pulse and speed sensors in the setting and hauling units.

The basic package consists of:

- Cabinet/IP65 with PLC
- HMI touch display
- On/off Switch
- Thermal switch
- Heating element
- Safety switch (2x6A)
- Terminal

Key Features:

- Power supply 230VAC or 24VDC
- Size of cabinet 280 mm x 380 mm x 130 mm
- Cabinet standard IP65

The PLC Control System is connected to the control valves for the measurement of both speed and pressure.

The Cabinet IP65 (International Standard) can be placed on deck or inside the wheelhouse.

The display in the basic package is mounted on the cabinet. it is possible to connect several monitors to the system. Ordered as an option.

The Mustad Autoline hauling stations HV100 and HV200 have both got a built-in speed sensor to be connected directly to the PLC controller system via a junction box. The Mustad Autoline baiting machine has built-in sensors for calculation of the baiting percentage.

The PLC Control System is tailor made for the Mustad Autoline systems but is also compatible with other hydraulique hauling systems.

Expandable system

You may at any time upgrade and get more valuable information from your Controller system.

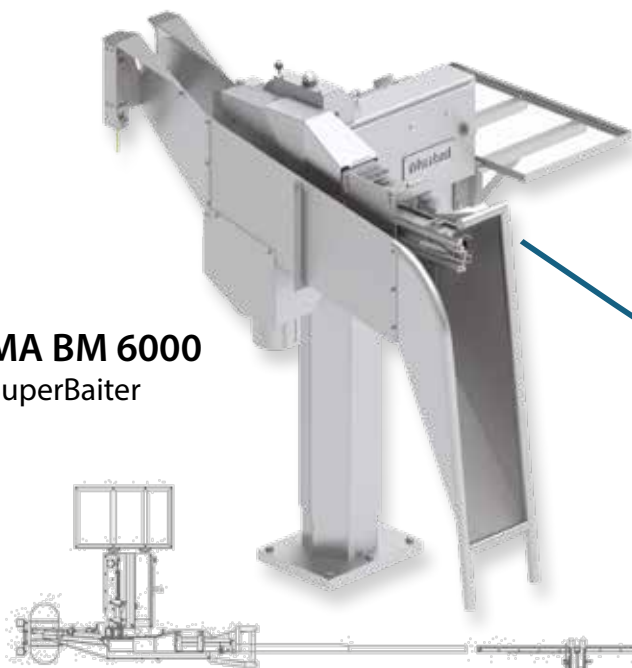
- Number of hooks set
- Number of fish caught
- Additional monitors



Example of typical deck arrangement

up to 80 C

MA BM 6000
SuperBaiter



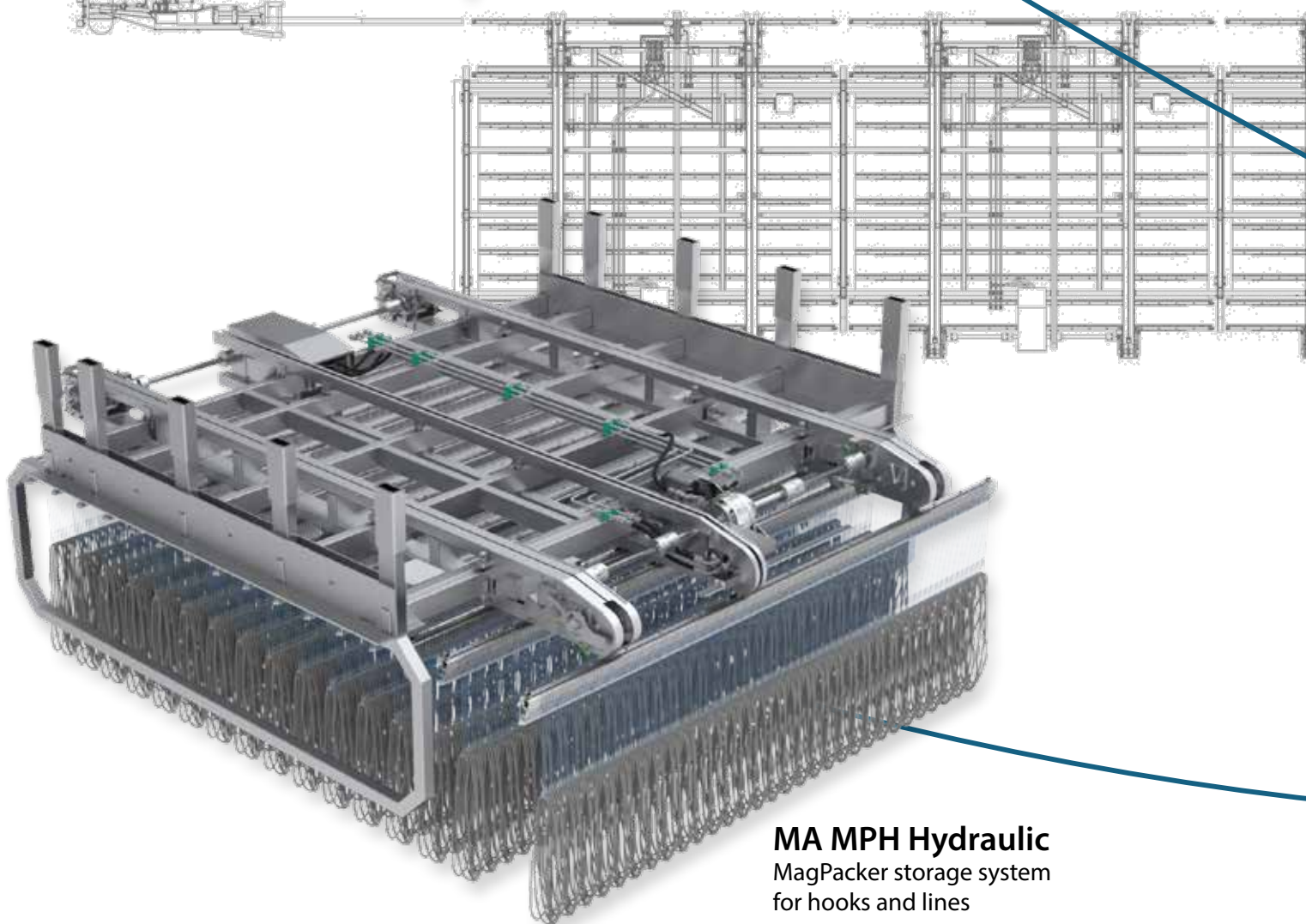
Mustad Autoline deck arrangement

As a service to our customers Mustad Autoline offers to make a suggestion to layout based on a drawing of the vessel (preferably DWG file). This is free of charge and no commitment attached.

The system sketch below is based on a vessel with moonpool and separate endrope hauler.

The hydraulic MagPacker on this drawing carries 48 magazines and approx. 50 000 hooks.

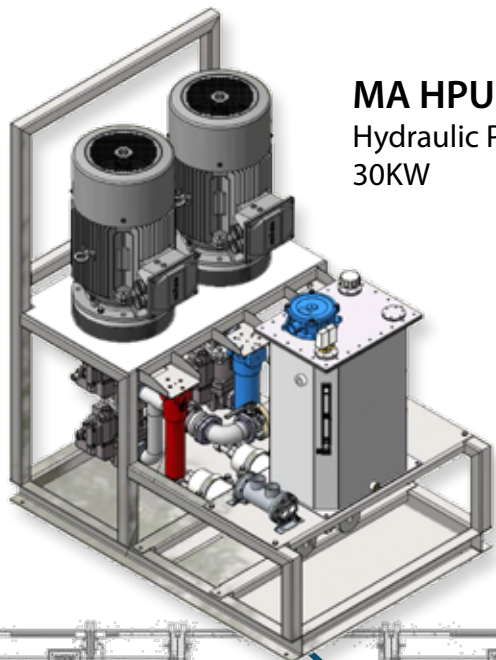
Please note that the quantity of hooks per meter depends on the thickness, age and quality of the hooks and line. Consequently the given numbers of hooks are to be taken as a guideline only and not as factual numbers.



MA MPH Hydraulic
MagPacker storage system
for hooks and lines

ment Deep Sea Hydraulic System

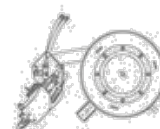
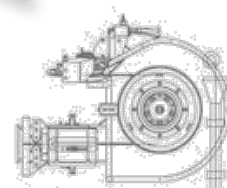
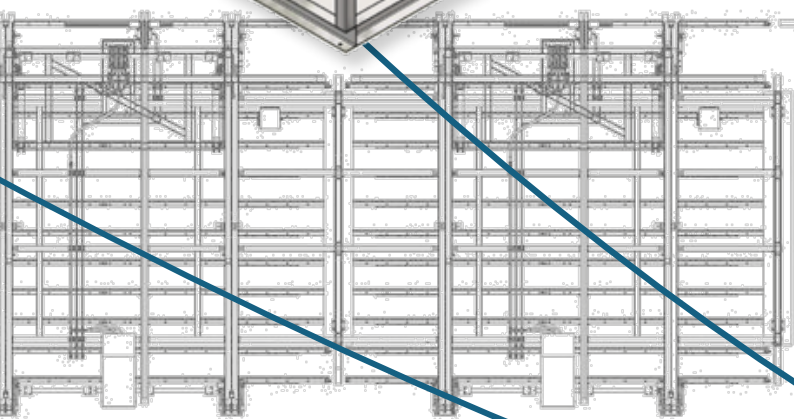
000 hooks



MA HPU 30 02
Hydraulic Power unit
30KW



MA HS 2000 03
HookSeparator



MA HH 3200
SuperHauler



LineController

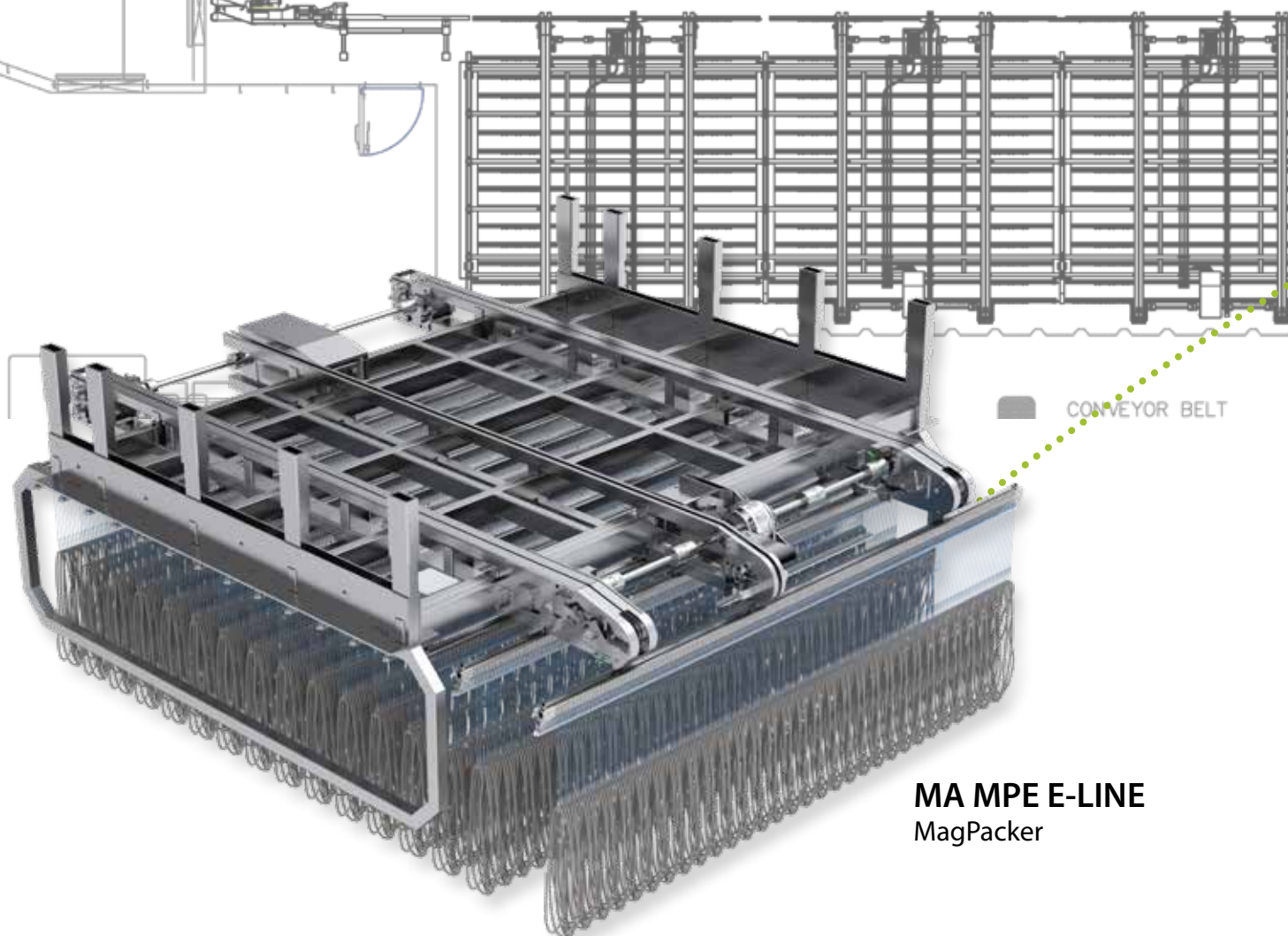
Example of typical deck arrangement

up to 80 C

MA BM 6000
SuperBaiter



MA HS 2020 E-LINE
HookSeparator
MagPacker Cabinet

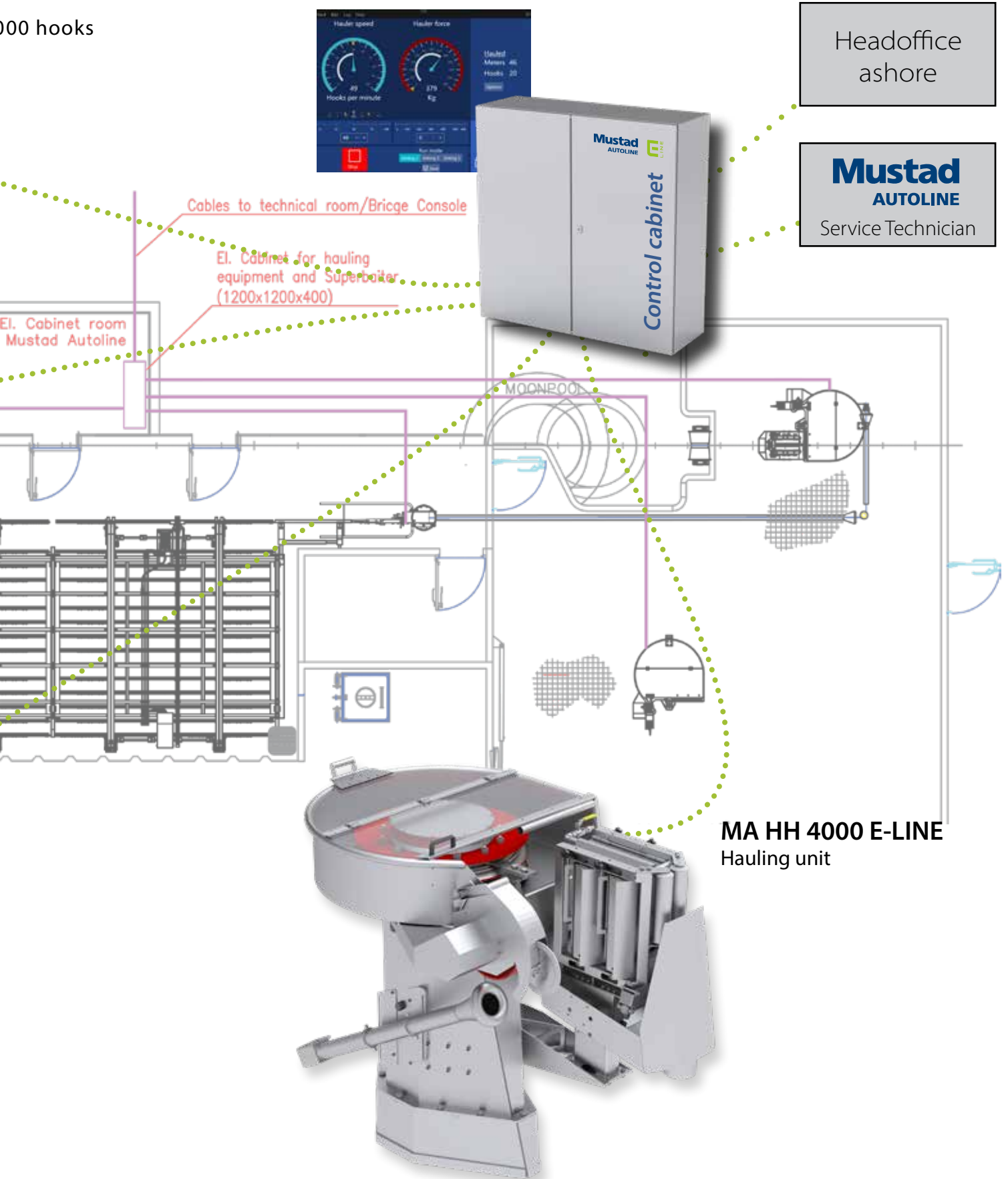


CONVEYOR BELT

MA MPE E-LINE
MagPacker

ement Deep Sea E-Line System

000 hooks



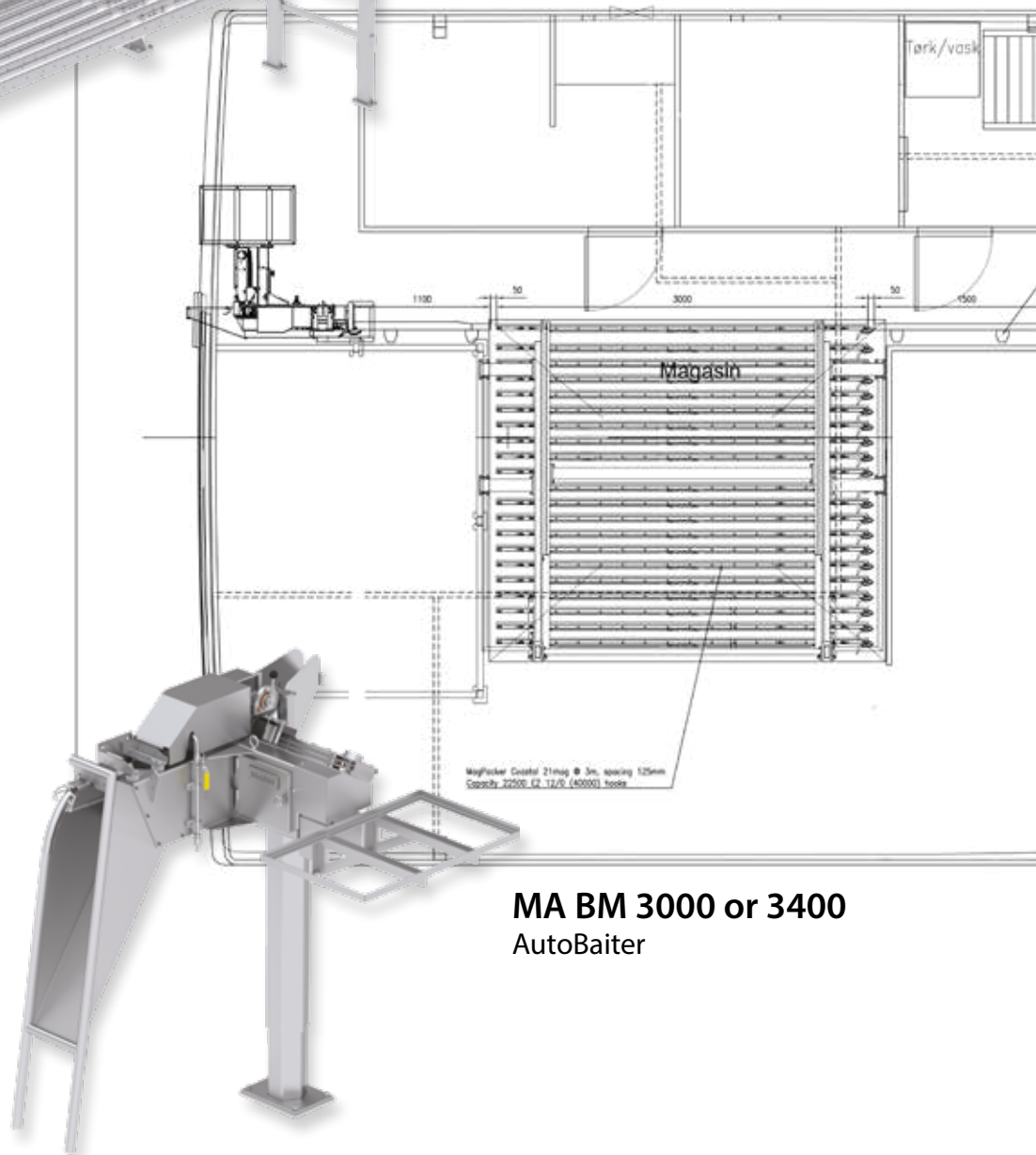
Example of typical

approx. 15 -



MA MPM

Manual MagPacker
storage system for hooks and lines
21 mag / 40 000# EZ 12/0
This example approx. 22000 hooks

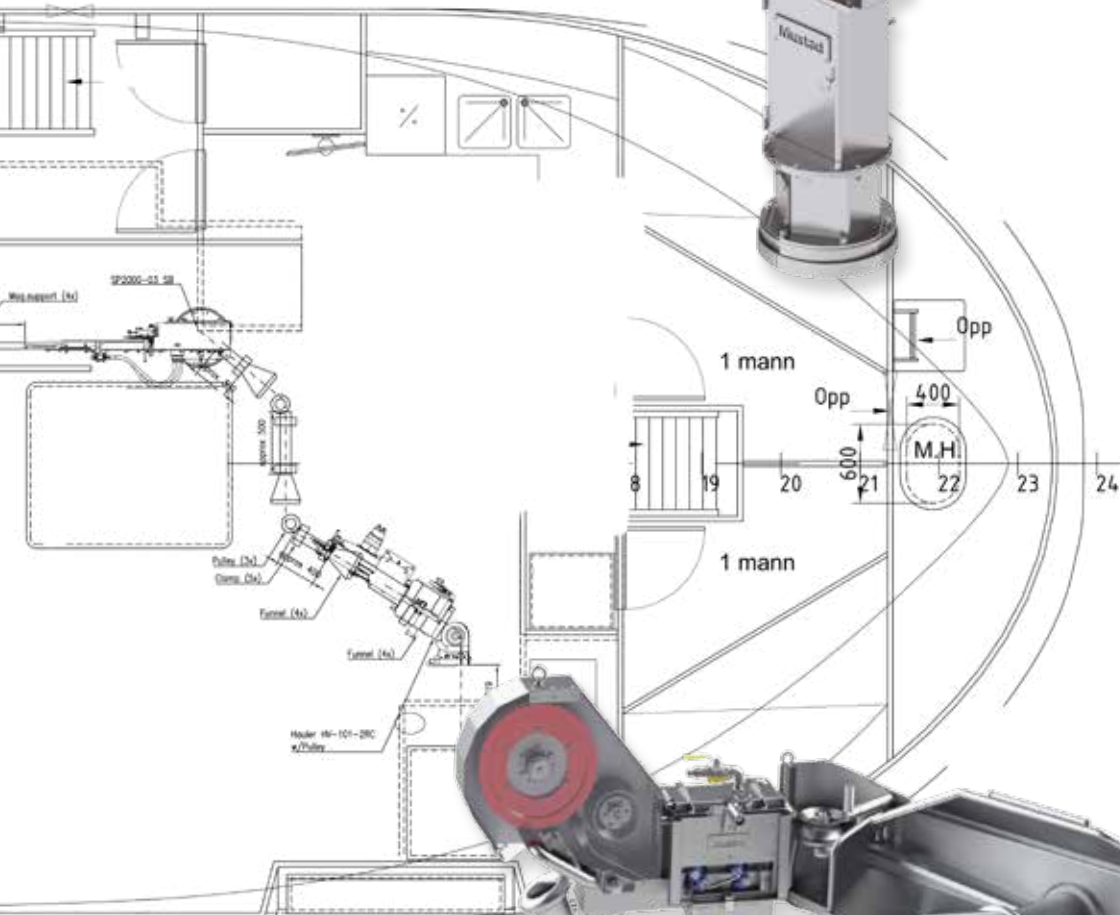


MA BM 3000 or 3400 AutoBaiter

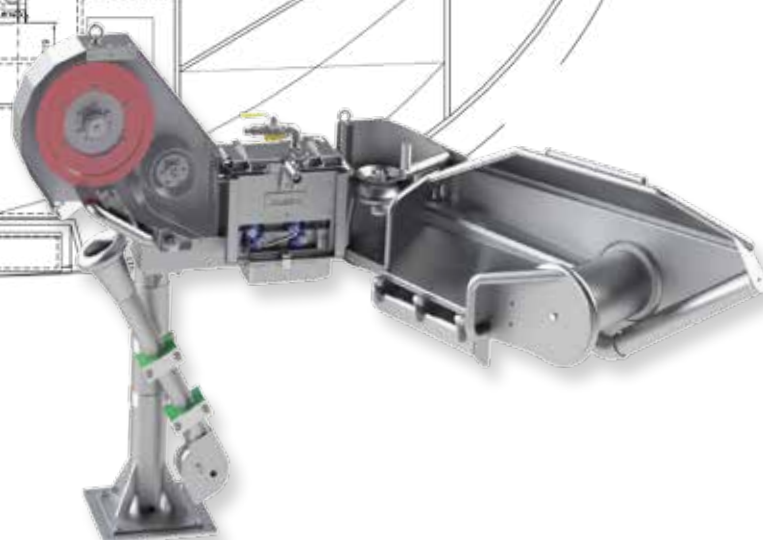
deck arrangement

50 000 hooks

MA HS 2000 02 or 2010
HookSeparator



MA H 100/230
Hauling unit





Mustad Autoline HandyMag storage system

The Mustad Autoline HandyMag storage system is designed for smaller fishing vessels, from approximately 30 feet and above. Compact, practical, and easy to operate, the system maximizes onboard functionality while requiring minimal deck space.

The HandyMag system is customized for Mustad EZ Baiter/J-Hook 12/0, Mustad #40 000, and Mustad circle hooks, with or without offset. The standard magazine length is 1 m (40 in.).

Operational function

The hooks and line are stored on magazines. The magazines, with a standard length of 1 m, are kept in storage bins, racks, or similar storage units.

During line setting, the magazines are manually retrieved from storage and mounted as an extension of the baiting machine (Fig. 1: AutoBaiter with HandyMag). When a magazine is empty, it is replaced with a loaded magazine containing hooks and line from the storage unit. Empty magazines are then returned to storage.

During hauling, empty magazines are mounted in the hauling position as an extension of the transition rail on the hook separator (Fig. 2: Hook Separator with Coastal HandyMag).

An inspection window and access hatches are provided on the transition rail between the hook separator and the magazine, allowing damaged hooks to be inspected, repaired, or replaced during operation.



Example of deck arrangement with HandyMag system



MA HM 150
HandyMag
storage rack
2 x 4000 hooks
#40 000 12/0

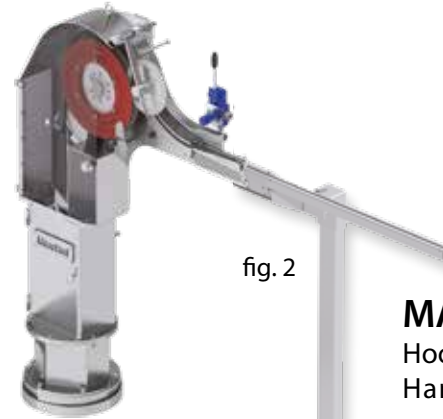
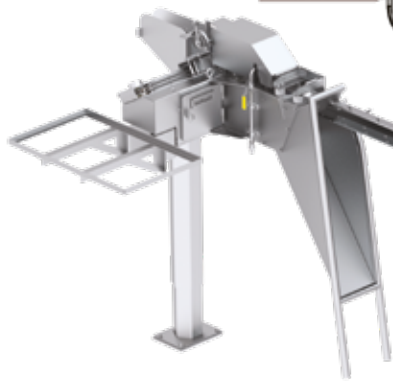
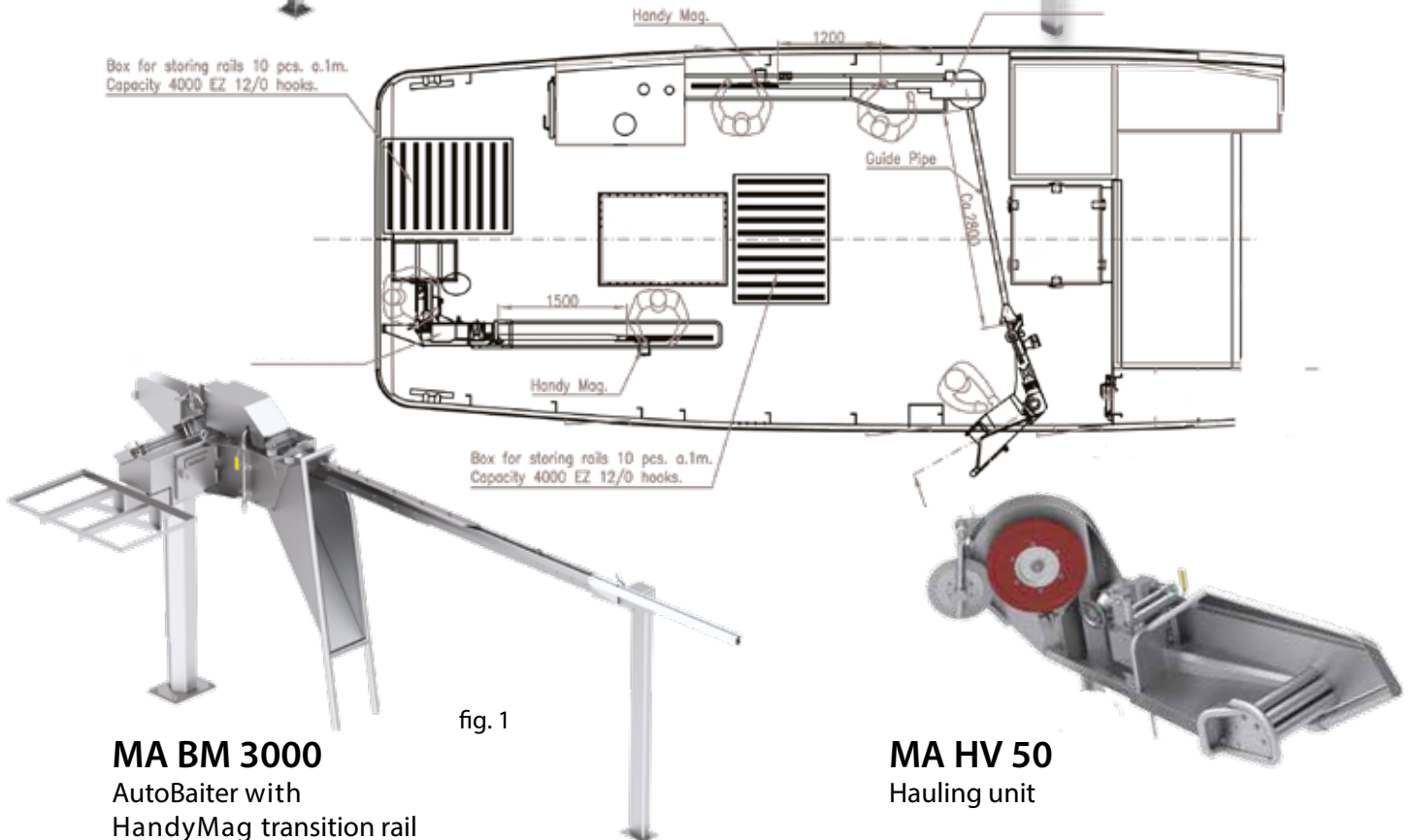


fig. 2

MA HS 2000 / 2010
HookSeparator with
HandyMag transition rail

Box for storing rails 10 pcs. a.1m.
Capacity 4000 EZ 12/0 hooks.



MA BM 3000
AutoBaiter with
HandyMag transition rail

fig. 1



MA HV 50
Hauling unit



Consumables designed for Mustad Autoline Systems

The rigors of ocean fishing demand special tools. Generations of fisherman have relied on the strength and quality of Mustad hooks.








Purpose made hooks for Mustad Autoline Systems

Mustad EZ baiter and Circle hooks are strictly made to Mustad Autolines specifications for optimal performance with our systems. All hooks are perfectly shaped and made of strong high carbon steel in order to succeed where others fail. Precision baiting, sharpness, strength, flexibility and corrosion resistance are key factors in making the best suited hooks for Autolining.

Mustad Autoline distributes hooks for commercial fishing produced by O. Mustad & Son AS.

Mustad 40 000 DT - extra forged

The Mustad 40 000 DT hook is a semi-circle semi EZ hook where the size 12/0 is as strong as a regular 15/0 circle hook. The hooks are extra forged and the smaller diameter means more hooks per magazine. Due to a unique tempering process this hook is very strong and keeps the shape. The hook breaks rather than bends if stretched. The 40 000 hook is the preferred hook by most of our customers fishing for cod, tusk and ling.

Shape	Art. no	Description	Size
	39975DT	EZ baiter hook	12/0 - 15/0
	39979DT	EZ baiter hook, Quick snap	13/0
	40000DT	EZ baiter Circle hook, extra strong, forged,	12/0
	39953DT	Circle hook	14/0
	39961DT	Circle hook	14/0
	39964DT	Circle hook, kirbed, point curved in	13/0
	39965DT	Handbaiting, Circle hook	10/0 - 16/0



Snooded hooks

Mustad Autoline offers a range of snooded hooks designed for optimal performance with our systems.

Industrial sewing

Our special industrial sewing of loops give a consistent length on all snoods and is proven to be stronger than a regular knot. The gangions also pass smoother through the system.

Twisted polyester gangions

The twisted gangions are made of polyester yarns and can be made with plain ends, sewed loops or knotted ends. The ready snoods are impregnated.

Hooks and gangions are also available as separate items.

Braided nylon gangions

This high quality braided nylon combined with the industrial sewing of the loop has stood to the test to be a strong and durable product preferred by more and more Autoliners.



Article no.	Hook ref.	Hook size	Dimension Gangion	Description Snood	Gangion material
45417	39975DT	13/0	2,5 mm (16) -23"	Standard EZ J-hook, sewed loops, impregn. blue	Twisted polyester
45418	39975DT	14/0	3 mm (20) - 23"	Standard EZ J-hook, sewed loop, impregn. blue	Twisted polyester
45409	39975DT	15/0	3 mm (20) - 23"	Standard J-hook, no loop	Twisted polyester
36610	39961DT	14/0	3 mm (20) - 14,5"	Circle hook, sewed loop one side, knotted one side	Braided nylon, white
36549	39961DT	14/0	3 mm (20)-12"	Circle hook, sewed loop, blue	Braided nylon
36551	39997DT	13/0	3 mm (20)-12"	sewed loop	Twisted polyester
36565	40000DT	12/0	3 mm (20)-12"	Semi circle, semi J-hook, sewed loop, blue	Braided nylon
45216	40000DT	12/0	2,5mm	Semi Circle semi J-hook, sewed loop, impregn. white	Twisted polyester
Customized				Customized snood is available upon request (minimum quantities required)	



Mus AU

Smart technology
longlining and

Meet the upgraded



FOLLA 2.0 New

Efficient and smart fish heading and gutting

- Preserves roe and liver intact
- Adapts to the shape and size of each individual fish
- For land-based or onboard processing
- The machine will be exhibited at Nor-Fishing 2026 —



Mustad AUTOLINE

... and equipment for
... fish processing.



- see you there!

**NEW
UPGRADED VERSION**

HAVFRONT FOLLA 2.0

Smart technology for heading and gutting of fish

HAVFRONT FOLLA is a fully electric, digitally controlled machine designed for precise, gentle, and efficient heading and gutting of whitefish. Featuring advanced technology, FOLLA 2.0 ensures optimal raw material utilization while preserving roe and liver intact, maximizing product quality and value.

Product Improvements version 2.0

The new system introduces improved sensor technology with built-in heating and air curtain, preventing condensation and measurement errors.

With IO-Link on all sensors, diagnostics are improved, cabling is simplified, and redundant sensors have been eliminated through the integration of servo motors. All moving axes are now powered by servo motors with integrated brakes, delivering higher accuracy, faster motion control, and improved safety, while reducing spare part requirements.

The use of Siemens components ensures full functionality and a more intuitive user experience.

The housing is upgraded to stainless steel for superior corrosion resistance, ensuring durability and reliability in demanding environments.

Key Features

- Adapts to the shape and size of each fish
- Precise and uniform cuts
- Preserves roe and liver intact
- Leaves the collarbone on the trunk
- For land- or onboard-based processing
- Digital user interface
- Low maintenance cost



Digital automation - adapts to the size of each fish

Advanced sensor-based measuring automatically adjusts to each fish's size, guaranteeing optimal precision for every cut.

Pretreatment

The fish is pre-treated with a deep throat cut, and the bleeding cut is part of the machine's reference system. For the best results, the fish should be bled out in cold, running water for at least 20 minutes before further processing.

Precise and uniform cuts

Delivers consistently accurate cuts that improve product quality and minimize raw material loss.

Preserves roe and liver intact (optional)

Mechanical separation between the knife blade and liver and roe during belly cutting ensures gentle handling. This preserves valuable raw material and adds value to the final product.

Keeps the collarbone on the trunk

Ideal for processing to saltfish

Increases productivity and reduces manual workload

The machine reduces manual workload with a streamlined infeed

Symmetric belly cut

Produces a clean, symmetric belly cut that enhances product presentation and quality.

Head-on gutting is possible

Offers the option of head-on gutting to suit different processing requirements and product specifications.

For land-based or onboard-based processing of fish

Built for flexibility, the machine performs reliably in both land-based facilities and onboard processing environments.

Easy to operate

Designed with intuitive controls for fast setup, minimal training, and smooth daily operation.

Caring for the environment

By using electric-driven motors instead of hydraulic systems, we reduce oil usage and eliminate the risk of contamination, helping protect the marine environment. At the same time, the absence of hydraulic vibrations lowers noise pollution, creating a quieter, safer workspace for the crew also minimizing disturbances to surrounding ecosystems.

"A gutting bench that previously required 8–9 workers now operates with just 3 workers, following the installation of two FOLLA machines." Kristoffer Karlsen, Br. Karlsen AS, Husøy Senja



Product details FOLLA 2.0

Fish species	Mixed Whitefish; Cod, saithe, tusk, ling, haddock, catfish and like	Power Supply	Electric 230-480 VAC 3-phase / Pneumatic 8 bar
Working range	0,5 - 20 kg / 40 - 110 cm (approx.)	Certification	CE-marked, compliant with land-based industry regulations
Capacity	Up to 25 fish pr. min	Operator	1 person
Pre-treatment	Deep throat cut	Measurements	L: 320 cm W: 170 cm H: 180 cm
		Weight	1600 kg / 3530 lbs

Let LOPPA handle the toughest job!

Heads and guts fish from 1–12 kg



- Lightweight and compact
- For land or onboard-based fish processing
- Improve workflow
- Low maintenance cost
- Adaption to the size of the fish
- Staples adjustments

Mustad
AUTOLINE

- A better way to fish!

HAVFRONT LOPPA 100/200

The world's most compact heading and gutting machine

HAVFRONT LOPPA is the most compact automated heading and gutting machine available, built for both fishing vessels and land-based processing plants. Designed for maximum efficiency in limited spaces, it boosts productivity, reduces demanding manual labor, and ensures consistent, high-quality results.

Simple and robust

Specially designed for heading and gutting mixed whitefish from 1 - 12 kg, the LOPPA machine combines simplicity with robust performance.

For land-based or onboard-based processing of fish

Built for flexibility, the machine performs reliably in both land-based facilities and onboard processing environments.

Precise heading and gutting

The fish is easily positioned belly down between the centering plates, with the bleed cut aligned over the transverse shaft. The cycle is activated by the user, during which the fish is headed and gutted. There is stepless adjustment for the heading angle and the length of the gut cut.

Low maintenance, high productivity

Efficient, low-maintenance, LOPPA is built for dependable operation in industrial environments. The robust and user-friendly machine is designed for fish processing operations seeking to improve efficiency and reduce the resource-intensive work of gutting and heading fish by hand.

Ergonomic Design for Reduced Crew Strain

Its ergonomic design and precise tray positioning enhance comfort and efficiency, while cutting repetitive manual workload to increase productivity and reduce strain.

Product details

Feature	LOPPA 100	LOPPA 200
Application	Onboard fishing vessels	Land-based processing facilities
Fish species	Mixed whitefish; Cod, saithe, tusk, ling, haddock, catfish and like	Mixed whitefish; Cod, saithe, tusk, ling, haddock, catfish and like
Fish size range	1-12 kg	1-12 kg
Capacity	Up to 20 fish pr. min.	Up to 20 fish pr min.
Pre-treatment	Deep throat cut	Deep throat cut
Certification	-	CE-marked, compliant with land-based industry regulations
Operation	1 person; manual placement, automatic heading and gutting	1 person; manual placement, automatic heading and gutting
Power Supply	Hydraulic 100 bar / El control cabinet 24VDC	Hydraulic 100 bar / El control cabinet 24VDC
Measurements	L: 100 cm W: 50 cm H: 120 cm	L: 100 cm W: 50 cm H: 120 cm
Weight	200 kg / 440 lbs	200 kg / 440 lbs

MUSTAD AUTOLINE POT HAULER

Power - Precision - Proven at Sea

The Mustad Autoline Pot Hauler is a compact and reliable hauling unit designed for professional marine operations. It combines high pulling capacity with smooth and flexible speed control, making it suitable for demanding pot handling in commercial fisheries.



MA PH 840 - Pot Hauler

Our premium hydraulic pot hauler. The large sheaves reduce wear and tear on the line while also significantly improving grip of the line. The hauler is directly powered by a radial piston motor with a stainless steel shaft.

Robust Marine Construction

The hauling sheaves are manufactured from cast iron, ensuring good grip and long service life. All remaining structural components are made from heavy-duty stainless steel, providing resistance to corrosion and harsh marine environments.

Key Features

- Weight 170 kg
- Sheave Diameter 400 mm (16") outer diam.
- Motor disp. cm³ (cu.in) 800 (60)
- Torque 100 bar (1450 psi) 1260 Nm
- Max speed 380 RPM
- Max continuous pressure 200 bar

Secure Rope Handling

A proven pressure wheel solution keeps the rope correctly positioned in the sheaves during operation. This reduces slippage and wear, contributing to longer lifetime for both rope and hauling components.

Hydraulic Drive System

The pot hauler is equipped with a hydraulic 800 cc radial piston motor, specifically developed for marine winch applications. The direct-drive design provides high torque at low speed, stable operation, and low noise levels.

Design and Manufacture

The MA PH – Pot Hauler is developed and manufactured in Norway by Mustad Autoline, with a focus on functional design, durability, and reliable performance at sea.



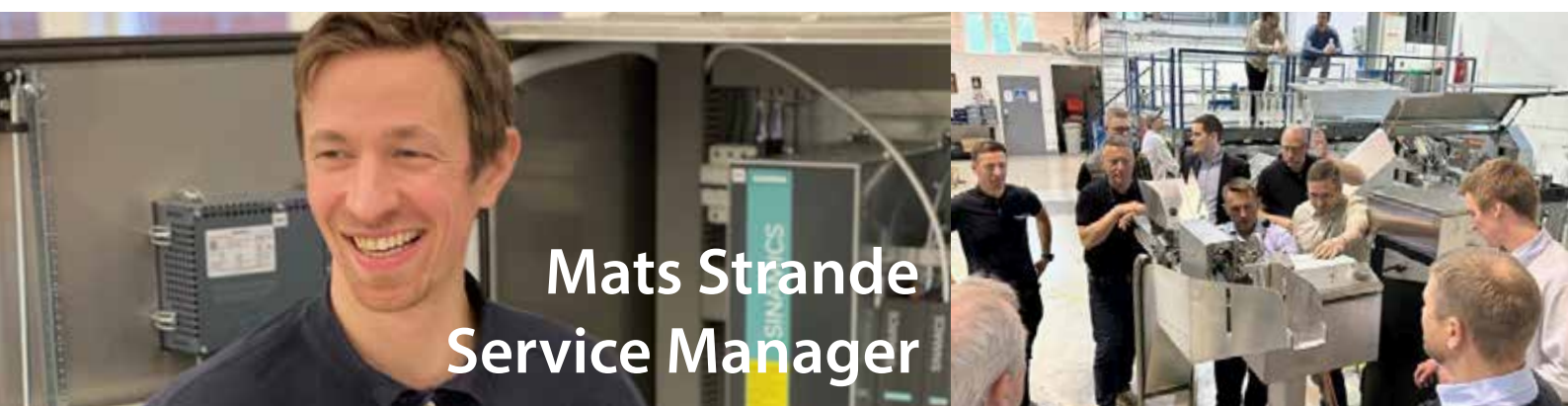
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AUTOLINE

Service and training by Mustad Autoline

Proper and preventative maintenance is essential for the long-term stability and efficient operation of your system. Even small adjustments or the replacement of worn components can significantly improve efficiency and positively impact your bottom line.

With over 50 years of experience, the Mustad Autoline service team is always ready to provide first-class support for our customers. Whether you need expert advice or wish to discuss technical matters, our team is here for you. We value close communication with our customers to share knowledge and insights, enabling us to continually refine and develop our products to meet your needs and expectations.

In addition to our Norway-based staff, we have a robust global network of service partners, ensuring support wherever you are. For further information or inquiries, don't hesitate to contact us at service@mustadautoline.com.



Mats Strande
Service Manager

Mustad Autoline Training Courses

Optimize your system's performance with Mustad Autoline Training Courses. Partnering with our expert technicians, you'll enhance your skills and gain valuable training to:

- Perform effective system maintenance
- Identify and evaluate worn components
- Replace worn components
- Stay updated on the latest solutions and upgrades

Contact our Service department at service@mustadautoline.com for further information.



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- A better way to fish!

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