



F120 MH



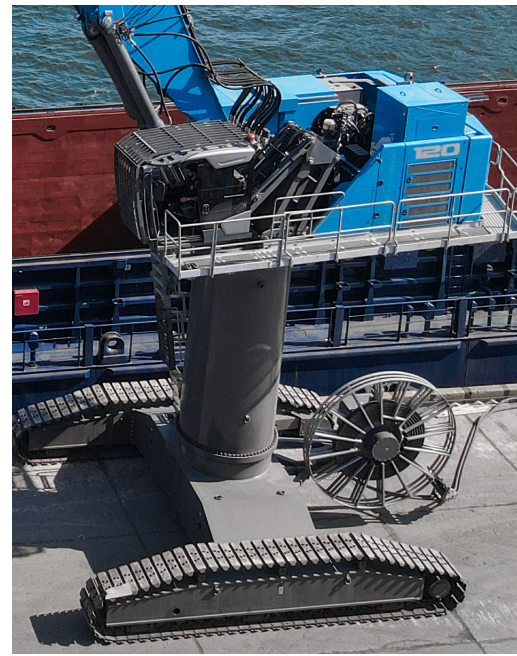
280 kW



140 t



28 m



Electric Engine:

Three-phase asynchronous motor
Engine start via soft starter
Engine power: 280 kW
System power: 430 kW

Operation modes:

ECO mode - economical operation
POWER mode - maximum power always available on demand

Undercarriage:

Crawler undercarriage Triple grouser plates
Max. driving width: 6925 mm
Track length: approx. 7045 mm
Driving speed: 2 – 4 km/h

Cabin:

Cabin with different types of glass (classification ESG, P5A, P8B)
Hydraulically adjustable cabin system (horizontal & vertical)

Loading equipment:

28 m banana boom
Boom 15 m, stick 13.8 m (other options possible)
End position damping and rupture safety valves.

Blue Hybrid system:

The Fuchs Blue Hybrid System increases energy efficiency and enables energy savings of up to 35% through recuperation. Due to the energy recovery, the installed electric motor power and, consequently, power consumption are significantly reduced. During each loading cycle, excess energy is stored and subsequently utilized to lift the boom in the next loading cycle. All components are safely and conveniently accessible from the service platform. Thermally controlled to permanently maintain the optimum operating temperature of the hybrid system and thus ensure maximum energy efficiency.

Hybrid cylinders:

Generously dimensioned bearings, rupture safety valve and end position damping.

Slew ring:

Largely dimensioned, internally toothed, multi-row roller slewing ring, lubrication by automatic central lubrication system

Options:

- Pylon (1-5 m)
- Cable wheel (100 m, 400 V)
- Catwalk for cabin, access ladder included
- Tool control: Adjustable via display for different attachments
- Filter system for attachments
- Heated seat
- Side view camera
- Rear view camera
- Light package 1-5 Power LED
- Light package 6 (engine compartment)
- Alternative loading equipments (22-28 m)

Selected options can be retrofitted if required.

Unique Selling Points:

- **Safety:** The easily accessible service points, thanks to the unique Fuchs service platform, significantly increase maintenance safety.
- **Energy Efficiency:** The Fuchs Blue Hybrid System significantly reduces energy consumption and enhances energy efficiency.
- **Comfort:** The hydraulically adjustable Fuchs comfort cab and the catwalk provide a comfortable and easily accessible workspace.
- **Outstanding Performance:** The F120 MH, with its electric motor, delivers both economical and maximum power on demand.
- **Optimal Visibility:** Comprehensive LED light packages ensure excellent visibility under all working conditions.

Are you interested in the machine or need additional information? Please feel free to contact your regional sales manager at any time.

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