

EH900 Series

Material Handling Solutions

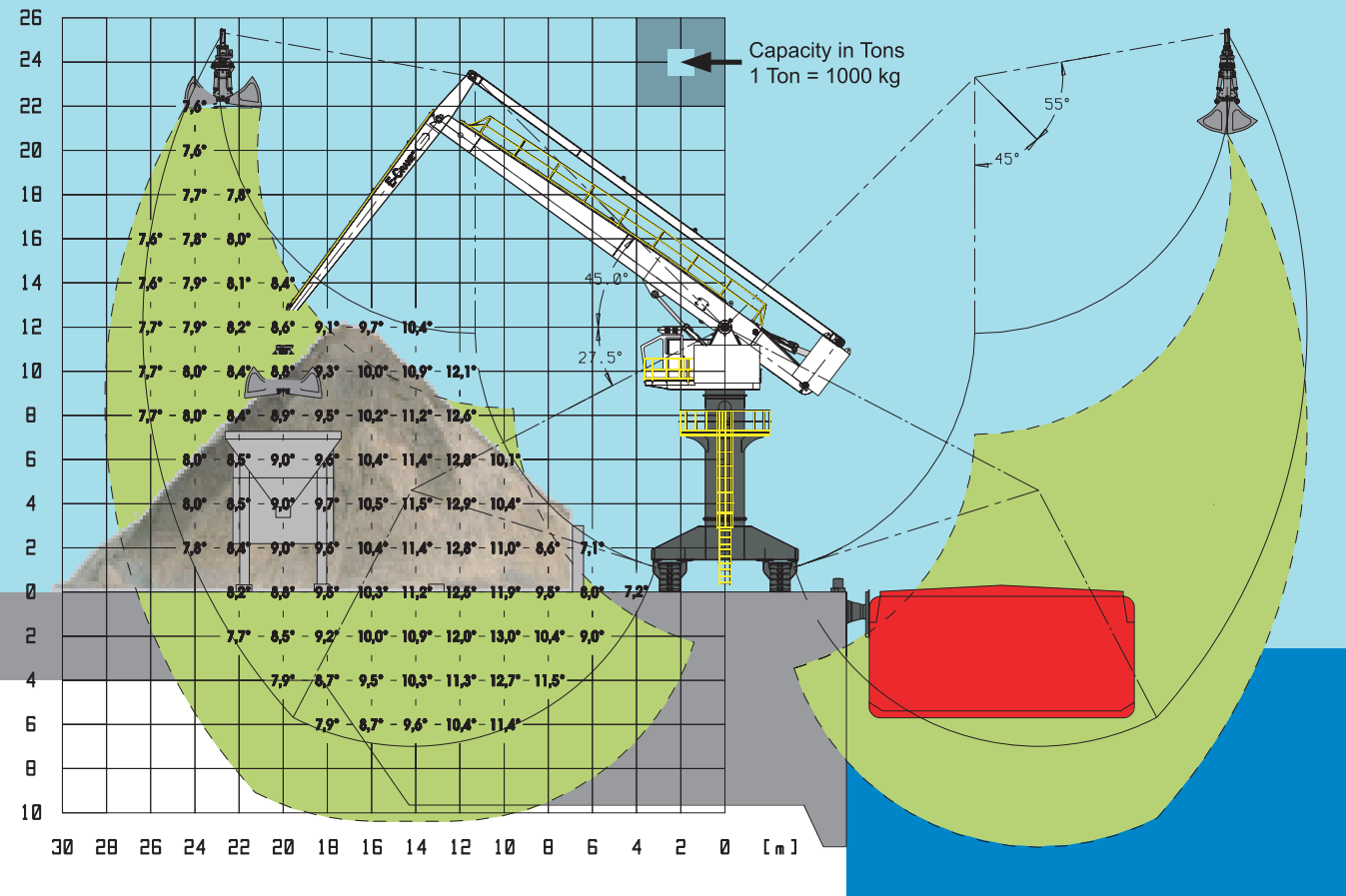
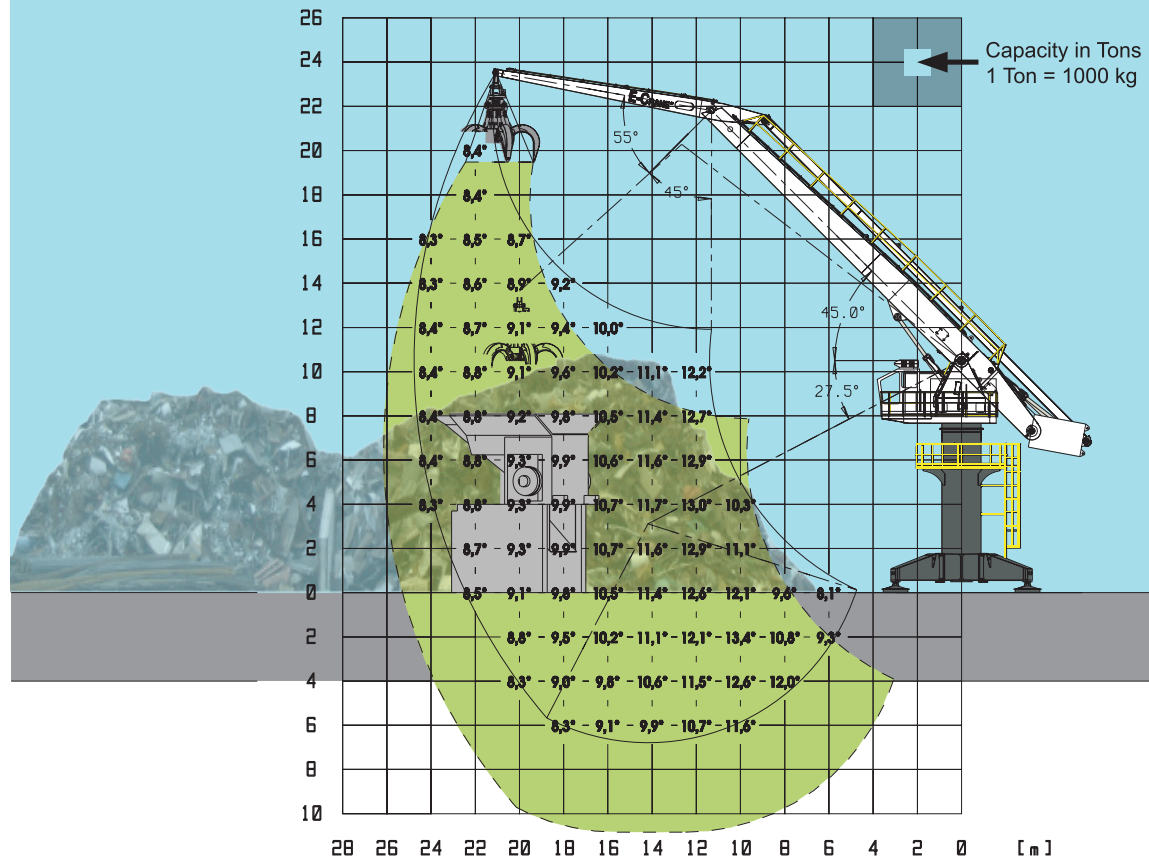


90 - 115 Ton



110 kW / 150 hp





TECHNICAL DATA

Typical Dimensions

Stick length: 9,9m
 Boom length: 16m
 Main Pivot Point (above GND): 10,5m
 Max. Outreach: 24,769m
 Downreach Range (below GND): 6,787m
 Lift Range (Vertical): 23,533m

Weight

Total Weight with Standard Equipment:

Model EH8248PD-E: 89.300 kg
 Model EH8248CR-D: 112.300 kg

Installed Power

Main Electrical Motor: 110 kW
 Diesel Generator Set: 200 kVA
 (for Crawler mounted Material Handlers only)



TECHNICAL DATA

Typical Dimensions

Stick length: 11,6m
 Boom length: 16m
 Main Pivot Point (above GND): 12m
 Max. Outreach: 26,356m
 Downreach Range (below GND): 6,987m
 Lift Range (Vertical): 25,328m

Weight

Total Weight with Standard Equipment:

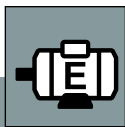
Model EH8264PD-E: 92.000 kg
 Model EH8264CR-D: 115.000 kg

Installed Power

Main Electrical Motor: 110 kW
 Diesel Generator Set: 200 kVA
 (for Crawler mounted Material Handlers only)



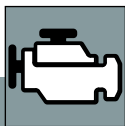
Technical Data



E lectric Motor

The clean power solution.

Rating _____ 110 kW @ 1.500 rpm (400VAC/50Hz)
 Type _____ Squirrel Cage Electric Motor
 Starting Method _____ Soft Starter



Diesel Generator Set

For crawler mounted Material Handlers only.

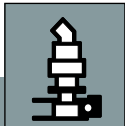
Rating _____ 160 kW
 Fuel Consumption _____ 23 l/hr



Hydraulics

Powerful hydraulics to maximize performance.

Main Pump _____ Variable Displacement Axial Piston Pump
 Maximum Flow _____ 385 l/min.
 Maximum Pressure _____ 320 bar
 Swing Pump _____ Variable Displacement Axial Piston Pump, Closed-loop
 Maximum Flow _____ 112 l/min.
 Maximum Pressure _____ 280 bar
 Pilot Pump _____ Gear Pump
 Capacity Hydraulic Tank _____ 1.135 l
 Hydraulic Cylinders _____ 2 Identical Cylinders with Safety Valves (Load Holding Valves)
 Boom & Stick Cylinder _____ 1508 x 220 x 150 mm
 Oil Cooler _____ Electric Driven, overdimensioned air-oil cooler
 Hydraulic Controls _____ The high pressure flow sharing control valves provide a load pressure independent flow distribution and are pilot operated for low lever efforts and excellent control.
 Relief Valves _____ All lines include primary and secondary relief valves.
 Filtration _____ For extended operating life of your Material Handler.
 Pilot Oil Filtration _____ 5 microns
 Return Oil Filtration _____ 20 microns
 Bypass Filtration _____ 10 microns



Swing System

Quick, full-powered response.

Mechanism _____ Hydrostatic with planetary reduction
 Swing Drives _____ 1
 Swing Torque _____ 160 kNm
 Swing Speed _____ 0 - 2,7 rpm
 Parking Brake _____ Spring-applied, hydraulically released, multiple-disc brake
 Slewing Ring _____ Cross Roller Bearing with Internal Gear



Upper Revolving Frame

The "Backbone" of the machine's durability.

Design _____ Rugged box section construction
 Platforms _____ Wide, walk-around access to all system components for easy serviceability and quick daily maintenance checks.

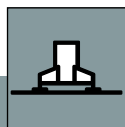
Contact your local dealer for more info



XL Cab

Designed for comfort and ease of operation.

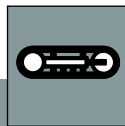
Operator's Station _____ Extra height and length for increased operator space.
 LxWxH _____ 1.700 x 1.200 x 2.000 mm
 Operator's Seat _____ Fully adjustable suspension seat includes height and weight adjustments, lumbar support, wide adjustable armrests, ...
 Hydraulic Activation Control Lever _____ Lever deactivates hydraulic functions and helps prevent operation when the operator exits the cab.
 Air Conditioning _____ Standard
 Radio / CD Player _____ Standard



Free Standing Pedestal

... offering the most economical solution.

Outriggers _____ 4
 Footprint _____ 5,75 m x 5,75 m
 Pedestal Height and Weight
 EH8248 PD-E _____ 9.075 mm - 18.500 kg
 EH8264 PD-E _____ 9.075 mm - 18.500 kg



Crawler Undercarriage

Durable, maintenance-free and providing excellent stability.

Center and Track Frame _____ Box-section type
 Drive System _____ Hydrostatic
 Max. Drawbar Pull _____ 430 kN
 Track Shoes _____ 900 mm triple Grouser
 No. of Shoes each side _____ 47
 No. of Carrier Rollers each side _____ 4
 No. of Track Rollers each side _____ 9
 Track Length (C-C) _____ 4.740 mm
 Track Gauge _____ 4.750 mm
 Undercarriage Height and Weight
 EH8248 PD-E _____ 9.075 mm - 41.500 kg
 EH8264 PD-E _____ 9.075 mm - 41.500 kg



Attachments

The right tool for the right job.

E-Crane® offers a wide variety of attachments: clamshell and orange peel grabs, hooks, grab rotators, quick change devices, ...

**..., Longer Reach,
 Higher Efficiency,
 Unprecedented Life.**

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E-CRANE EH900 Series
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