



ELECTRIC HANDLING CRANE

Semi-Equilibrium

SERIES 1

ES110, ES112, ES114

SERAM

L'EXPERIENCE

Technical data

GENERAL FEATURES

Power	35 t/m
Horizontal maximum reach	10m
Lifting capacity at full reach max	3,5 t
Length of the main arm	6 m
Length of the dipper arm	4 m
Weight (with free standing support)	34 t

ES110

35 t/m
10m
3,5 t
6 m
4 m
34 t

ES112

35 t/m
12 m
2,9 t
7 m
5 m
36 t

ES114

35 t/m
14 m
2,5 t
8 m
6 m
38 t

ELECTRICAL SYSTEM

Power of the main electrical motor	45 / 55 kW
Type of start of the main motor	Star-delta
Voltage	400V / 480V / 600V - 50Hz/60Hz

HYDRAULIC SYSTEM

Pumps for the movements of the boom	135 cc
Average working pressure	180 bars
Pump for rotation	75 cc
Capacity of the tank	650 litros
Filtration	1 filter of 10 microns
Cooling system	In line
Lubricating system	1 group with 3 separate circuits

ROTATION

Rotation motor	1 motor MS25
Ø of the ring gear	Ø 1250mm
Velocidad de rotación	4 tr/min

CILINDROS

Rotation speed	Ø170mm x Ø120mm x 1450mm
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TYPE OF SUPPORT

Fixed support anchored to the ground	Basis of 2.3m x 2.3m - Ht: 6m
Fixed support, free standing	Chassis of 4.5m x 4.5m - Ht: 6m
Mobile support on rails	Trolley 4.5m x 4.5m - Ht: 6m
Mobile support on crawlers	On request

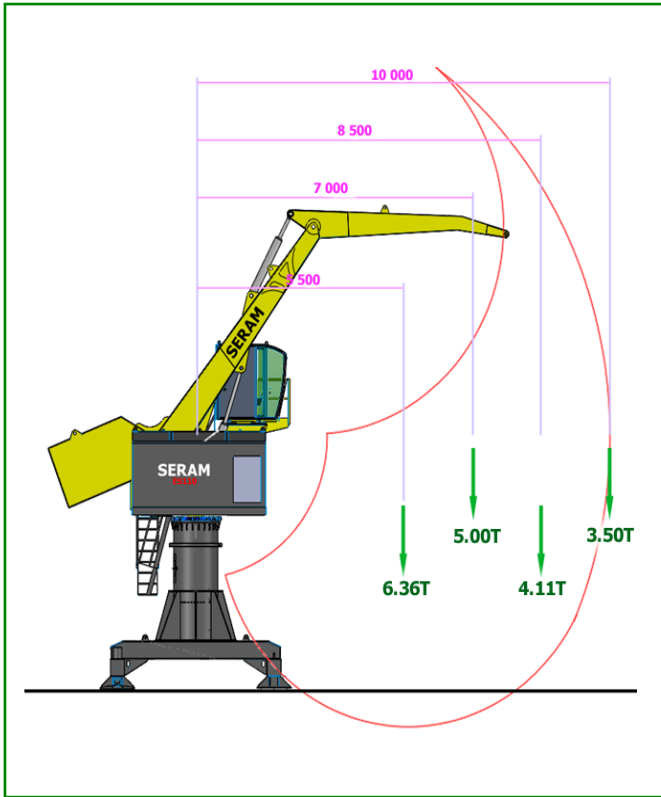
CABINA DE PILOTAJE

- New raised and advanced operating cabin, in order to optimize the overview in the different feeding areas (shears, shredders, vessels, etc...).
- Large glazed area, athermic and safety type.
- Comfortable standard equipment: manipulators with control console, reversible air conditioning, control and monitoring screen, adjustable driver seat, MP3 player, etc...

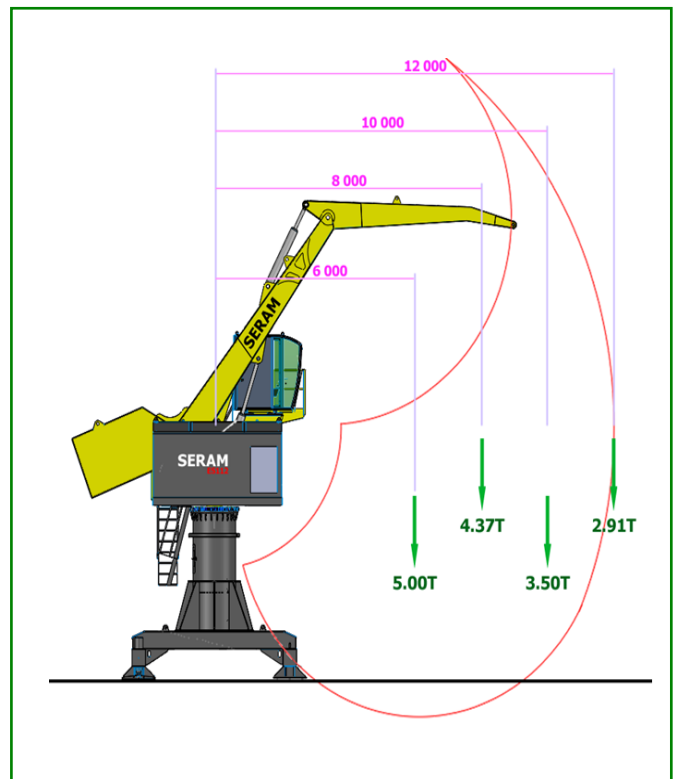


Load chart

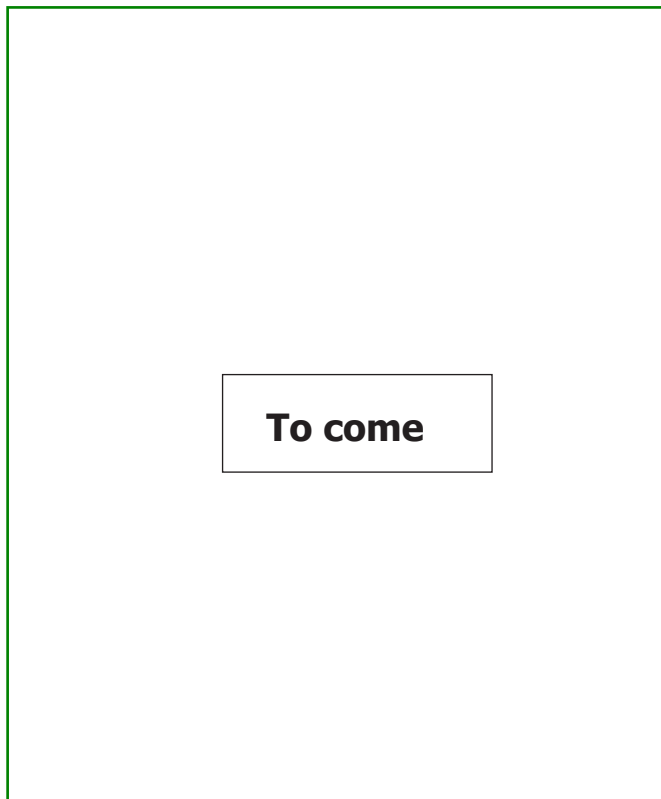
SERIES ES110



SERIES ES112



SERIES ES114



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The SERAM ES1 crane offers the following advantages :

A 100% electric crane with very low maintenance costs compared to thermal cranes. There is no need to change diesel filters, engine oil, or engine oil filters.

A semi-balanced boom allows the use of small motors consuming between 18 kWh and 22 kWh.

Its lifespan can easily reach 40,000 hours.

An ideal crane for tight spaces.

Low noise levels and reduced emissions of harmful gases, making it perfectly suited for working in urban or residential areas.

No emissions or exhaust gases, making it suitable inside a building.

SERAM - An Ecological and Economic Awareness

SERAM

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