



Manufacturer of handling equipment since 1973



The company SERAM

Presentation of the company SERAM

The company SERAM was created in 1973, for the design and manufacture of handling equipment.

SERAM manufactures electrical equipment: balanced cranes, conveyors with metallic belts, and vibrating table

The company is run by Mr. Joaquin SEMIS, and employs around 70 people.

It combines several trades of the industry such as: metallurgy, welding, cutting, hydraulics, mechanics, painting, machining, and electricity.

They are all experts in their fields. SERAM has its own design office, which enables in-depth analysis of each project.

The know-how enables the complete control of the production chain, from the feasibility analysis of the projects, through the manufacture, up to the maintenance.

SERAM is present in many activity fields such as: scrap, metal, paper/board recycling, as well as port, scrap, log, bulk handling...

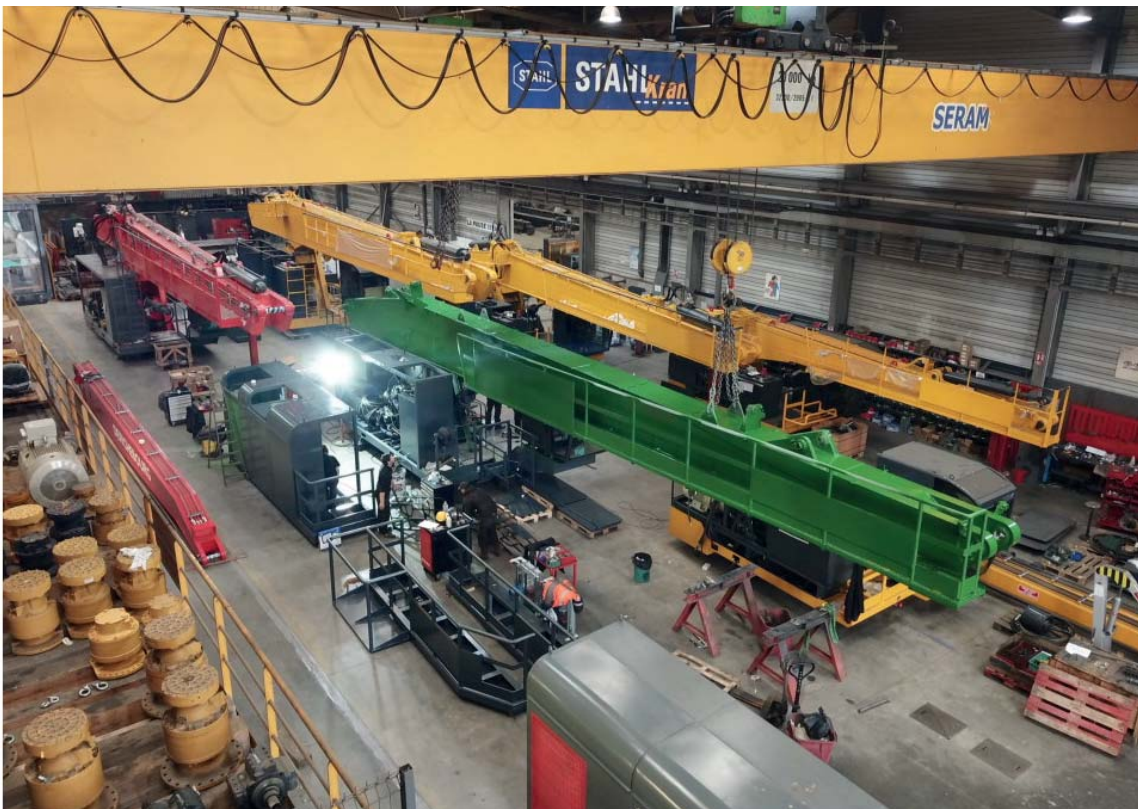
And for sorting plants, shear and shredder feeding, etc...



All the SERAM products are manufactured in France.

The manufacturing plant is located in Perpignan (66) and a second plant was started in March 2020 in Rivesaltes (66).



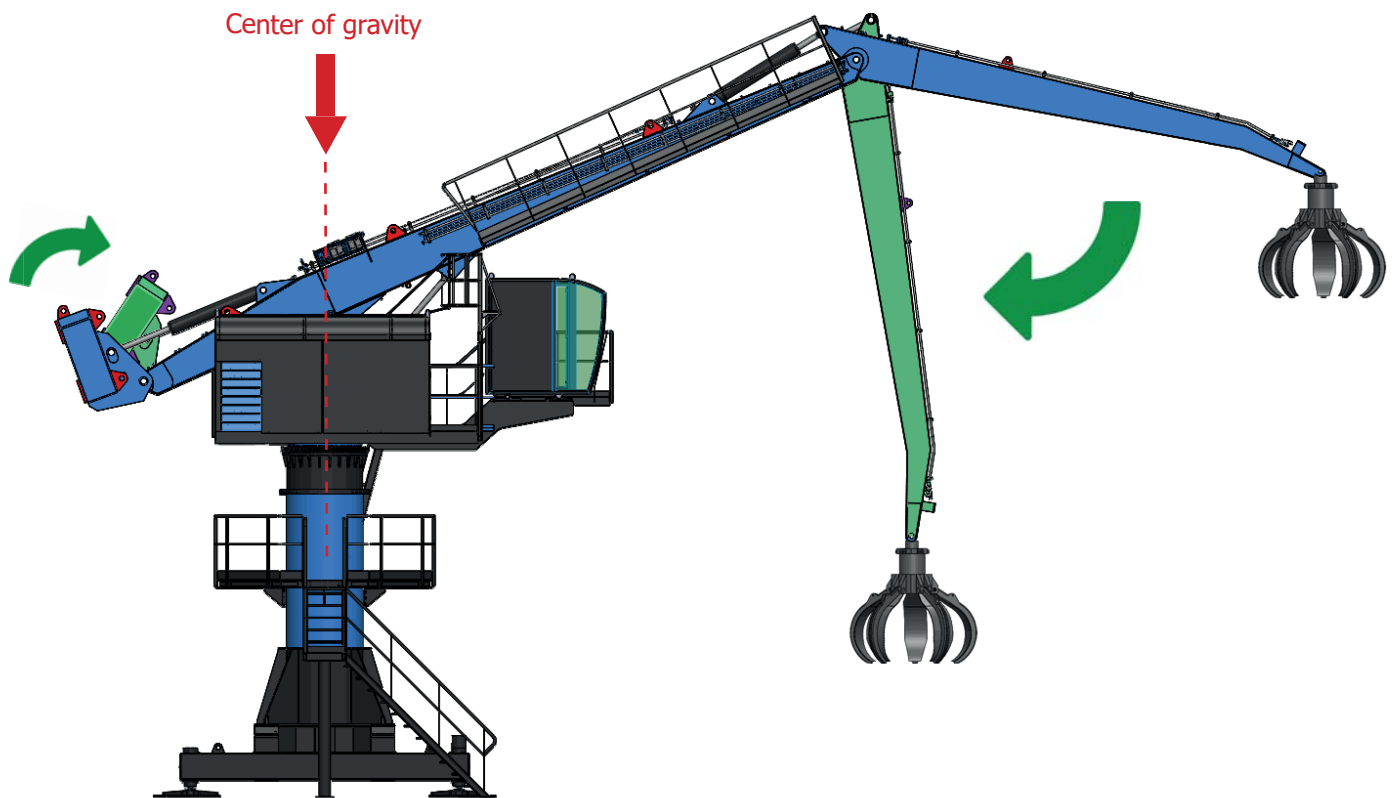


SERAM also proposes to its customers a quality after sales service made by professionals who intervene throughout the world.



The cranes

The hydraulic **balancing** system



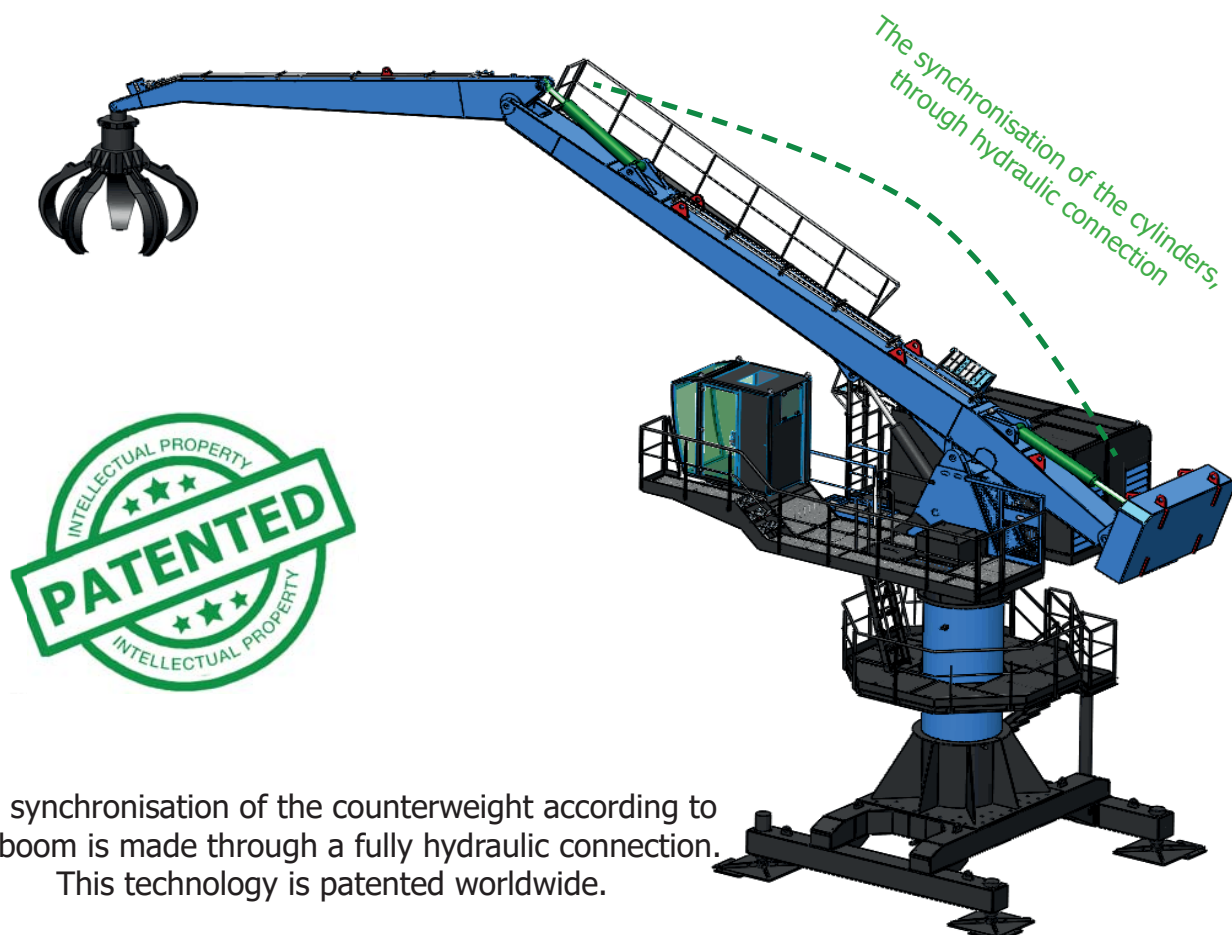
The SERAM cranes are balanced cranes.

Indeed, the counterweight is mobile. It is moving according to the reach of the crane, in order to compensate the weight of the boom in any position.

As a consequence, only the load at the end of the boom is being lifted.



Since it was founded, SERAM has been caring about the environment, that is why all its products are electrical, so there is no CO² emission, no fossil fuel consumption, and no motor oil to be drained.



Unequalled operating costs

Up to 80% of energy savings compared to a thermic excavator

Thermic excavator

100%

Electrical non balanced excavator

50%

50% savings

SERAM electrical balanced crane

25%

75% savings

Low working pressure = Exceptional life-time of the components

The average working pressure is half lower than for a conventional excavator, the components are then less sollicitated, for the same performances

Non balanced excavator

~320 bars

SERAM electrical balanced crane

~150 bars

The cranes

The SERAM range of cranes

Electrical balanced cranes

**Equilibrium
SERIES**
ES2



Reach : 15 to 18m
Capacity :
 - Max : 3.3 to 2.7t
 - Of work : 4.4 to 3.7t
Motor : 55 kW

**Equilibrium
SERIES**
ES3



Reach : 20 to 22m
Capacity :
 - Max: 3.2 to 2.9t
 - Of work : 4.3 to 3t
Motor : 90 kW

**Equilibrium
SERIES**
ES4



Reach : 20 to 25m
Capacity :
 - Max : 4 to 3.2t
 - Of work : 5.3 to 4.2t
Motor : 110kW or 132kW

**Equilibrium
SERIES**
ES5



Reach : 20 to 25m
Capacity :
 - Max : 3.3 to 2.7t
 - Of work : 6.6 to 5.3t
Motor : 160 kW

Outdoor cranes

S20



Reach : 10 to 12m
Capacity :
 - Max : 2 to 1.6t
 - Of work: 2.6 to 2.2t
Motor : 55 kW

S30



Reach : 10 to 15m
Capacity :
 - Max : 3 to 2t
 - Of work : 4 to 2.6t
Motor : 55 kW

Customised cranes



Full study of your project and its implantation for a maximum efficiency, custom-made product designed according to your specifications and needs

Take advantage of our wide range, one crane for each field of application. An ideal solution for a maximum efficiency

Equilibrium SERIES ES6



Reach : 25 to 30m
Capacity :
 - Max : 5 to 4.2t
 - Of work : 6.6 to 5.5t
Motor : 160 kW

Equilibrium SERIES ES7



Reach : 25 to 30m
Capacity :
 - Max : 6 to 5t
 - Of work : 8 to 6.6t
Motor : 200 kW

Equilibrium SERIES ES8



Reach : 25 to 35m
Capacity :
 - Max : 8 to 8.7t
 - Of work : 10.6 to 7.6t
Motor : 250 kW

Equilibrium SERIES ES9



Reach : 25 to 35m
Capacity :
 - Max : 10 to 7t
 - Of work : 13.3 to 9.5t
Motor : 315 kW

Types of supports

Fixed



Fixed support anchored to a concrete slab.

Free standing



No necessary floor anchoring, possible move.

Trolley



Mobile on rails for a wide working area.

Crawlers



Mobile support, with a total autonomy thanks to its hybrid engine.

The cranes

Examples of SERAM cranes

Equilibrium
SERIES
ES6



Scrap handling

Equilibrium
SERIES
ES2



Shear feeding

Equilibrium
SERIES
ES8



Port handling

Equilibrium
SERIES
ES4



Shredder feeding

The cranes

Equilibrium
SERIES
ES2



Shear feeding

Equilibrium
SERIES
S100.25EAS

Conveyor
SERIES
P400



Shredder feeding

**Equilibrium
SERIES**
ES3



Shear feeding

**Equilibrium
SERIES**
ES3



Scrap handling

The conveyors

The range of SERAM conveyors

The Conveyors **SERAM P152** and **P200** are manufactured with a heavy welded structure, and are equipped with a belt with flat blades or folded blades. They are designed to be installed at the output of shears or after a vibrating table.

Conveyor
SERAM
P152



FEATURES

Chain pitch	152 mm
Useful width	900mm to 1800mm
Length	Customized

P152

Conveyor
SERAM
P200



FEATURES

Chain pitch	200 mm
Useful width	1300mm to 2100mm
Length	Customized

P200

*Conveyor with adjustable height

The Conveyors SERAM P400 are equipped with a belt with folded blades, with 400 mm pitch.
This type of conveyors is used for shredder feeding, vehicles handling, etc...

Conveyor SERIES P400



FEATURES

Chain pitch
Useful width
Length

P400

400 mm
1800mm to 2400mm
Customized

The SERAM vibrating tables. It is possible to install additional equipment before the conveyor, such as a vibrating table, a waste belt, an overband. This in order to optimize the quality of end product, while separating the soil from the scrap. This type of equipment is generally located between the shears and the conveyors.

Vibrating table



FEATURES

Insulation
Useful width
Length
Vibrating system

TVB

By springs
1300mm to 2100mm
Customized
Unbalance motors

The conveyors

Examples of SERAM conveyors



**Conveyor
SERIES
P200**



**Conveyor
SERIES
P152 + TVB**

**Equilibrium
SERIES
ES3**



FAST

EASY

EFFICIENT

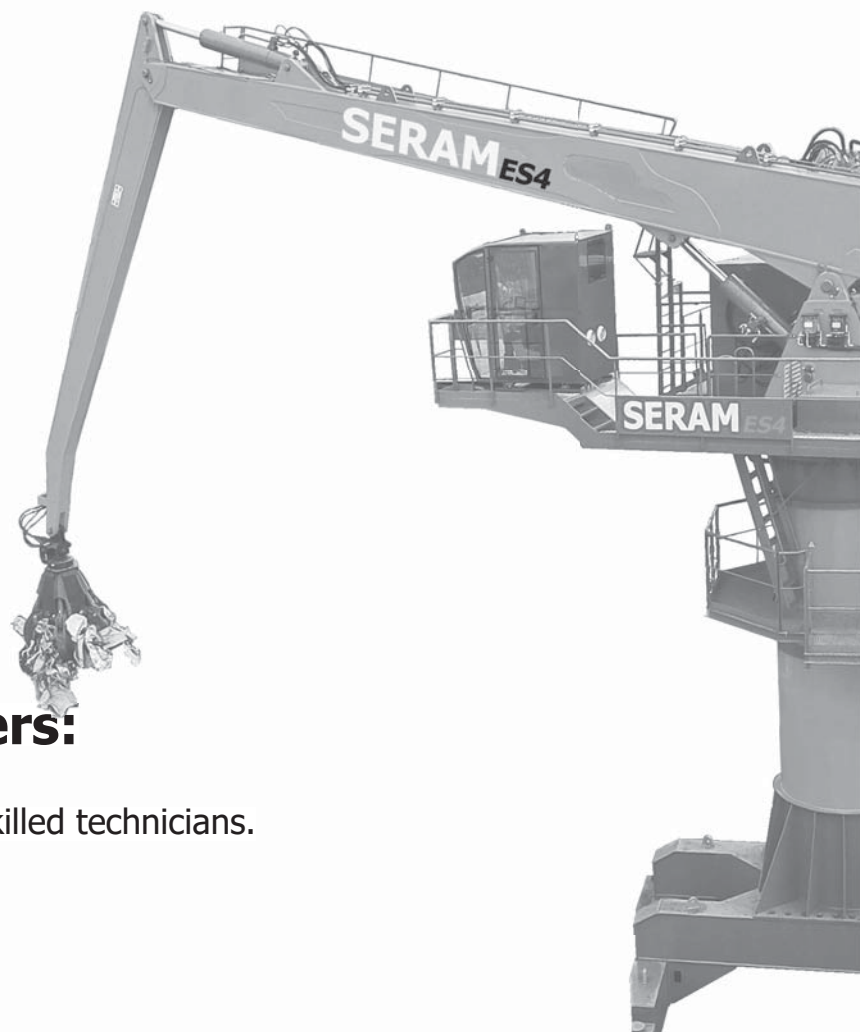
SERAM



Manufacturer since 1973

100% Made in France

Classification A8M8



Our services to customers:

Quality after sales service made by our skilled technicians.

Worldwide coverage.

Large stock of spare parts.

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