



It's child's play to use !

### Choose the right tool for your project

The MecoPresses, compressed earth brick presses (CEB), combine multiple innovations, and reduce the cost of construction in several ways:

- MecoBriqs are interlocking, calibrated and can be erected 5 times faster than a cinder block.
- Patented compression systems for low energy consumption.
- Fuel-free operation with Heliogene and its 3 m<sup>2</sup> of solar panels.
- Lightweight, autonomous and mobile CEB presses that can be plugged in anywhere.
- A quality machine 100% French.

*A source of savings*

### MultiMeco



*For the « pros »*

The MultiMeco combines multiple innovations. Its varied and interchangeable molds meet the constraints of modern construction. A patented and innovative compression system makes it possible to make a successful brick every time and to reduce production losses. The MultiMeco is the ideal tool for seasoned professionals!

### MonoMeco



*Ideal for Starting out*

The MonoMeco electric press is perfectly adapted to start a CEB activity.

Easy to use and fast, it enables you to make 29x14,5x9 bricks with minimal investment.

The MonoMeco has many advantages for professionals who want to enter new markets with a moderate investment.

### ManuMeco



*For limited budgets*

The ManuMeco manual CEB press has been designed by MecoConcept especially for DIY builders or village construction projects in the South. It produces quality bricks with a small investment. The ManuMeco is perfect for small construction projects or for production in isolated areas.

### Characteristics of the bricks

Density	1900 à 2100 kg/m <sup>3</sup>
Mechanical resistance	Btwn 2 and 8 Mpa
Thermal inertia	1700 kJ/m <sup>3</sup> /°C
Thermal conductivity $\lambda$	0,7 à 1,1
Capillarity	12

### Compliance

MecoPress equipment complies with the European directives and the national legislation transposing them: 2006/42/EEC on machinery



### Follow us !



Follow our news by subscribing to our Facebook page



Watch the MecoPresses in action on our Youtube channel:  
<https://www.youtube.com/user/MecoConcept>



Each format has its own application

## Performance

**Versatility**  
**Strength**  
**Profitability**



Conçu et assemblé



up to **1500 brick/day** with a **single mold**

up to **3000 brick/day** with a **double mold**

or **80m<sup>2</sup>/day** with a double mold  
0201 ou 0210

Capacity for an 8-hour day

!Attention! Performance depends on the number and quality of operators. Count on an efficiency of 70% in normal operation

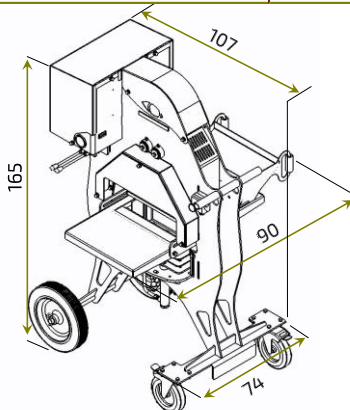
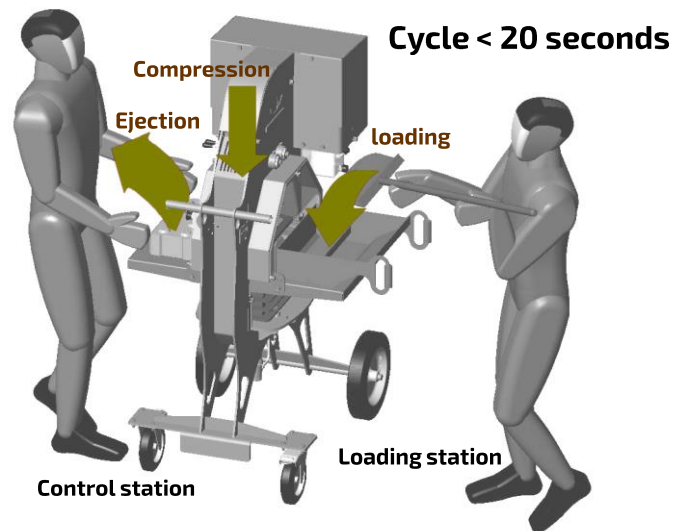
## Advantages

- Cost reduction
- Variety of molds
- Accuracy and strength of blocks
- Low consumption
- Easy to use

## Technical information

Dimensions L x W x H	107 x 90 x 165 cm
Weight	295 kg
Mold change	15 min
Motor, 230V single phase*	1,5 kW
Average consumption	0,3 kW/h
Max hydraulic pressure	180 bars
Compression force	30 tons

## 3 steps are enough



Watch the MultiMeco in action on our Youtube channel:

<https://www.youtube.com/watch?v=SklegNCD5AY>

## International Transportation:

If you want to organize the freight yourself, you will need this information, or ask us about import costs.



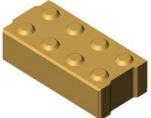







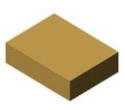
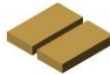

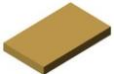


Custom number	84 74 80 9000
Packaging	SEI4 woodbox
Overall dimensions (Lxlxh)	120 x 80 x 180 cm
Gross Weight	345 kg

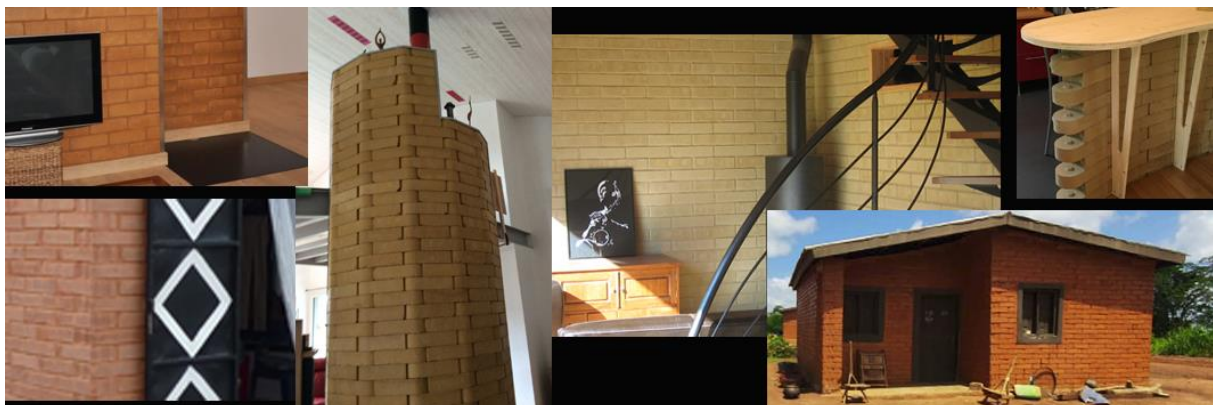


## Types of bricks

The MultiMeco can produce many different sizes of bricks thanks to its interchangeable molds, the table below gives you the different molds available.

Let your imagination run wild and build the house of your dreams!

	MultiMeco	Double 30x15	Mecobriq 4x2			
			Standard Molds		Options	
Ref.:		0201	0202		0202-A	0202-B
Shape						
Dim.		30x15x9	36x18x9	36x18x9	36x18x9	36x18x9
Charact.		Interlockin + double mold	Intelocking	Plain brick	Intelocking + 2 vertical holes	Intelocking + Horiz. trench
<b>Standards size in construction</b>						
		Standard 29x14	Double 29x14	Standard 22x11		
Ref.:		0206	0210	0207		
Shape						
Dim.		29,5x14x9	29,5x14x9	22x11x7,5	22x11x7,5	22x29x7,5
Charact.		Plain brick	Plain brick+ double mold	Interlockin + double mold	Plain brick+ double mold	Plain brick
<b>Facing and decoration</b>						
		Parement ép.3,5	Plaquettes		MecoBriq Pivot	
Ref.:		0208	0211		0205	
Shape						
Dim.		22x11x3,5	10x5x2,5	28x15x2,5	36x18x9	36x18x9
Charact.		Plain brick+ double mold	Plain brick (4 bricks / mold)	Plain brick	Intelocking	Plain brick





**Simple**  
**Compact**  
**Cost-effective**



Conçu et assemblé



## Performance

up to **1200 bricks / day**  
or up to **30m<sup>2</sup> / day**

Capacity for an 8-hour day

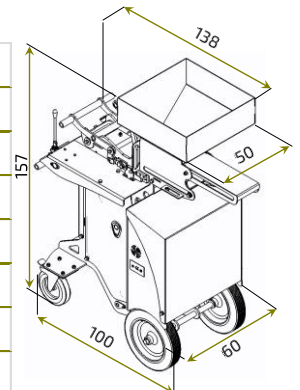
!Attention! Performance depends on the number and quality of operators. Count on an efficiency of 70% in normal operation

## Advantages

- Small budget
- Quality of the bricks controlled
- Easy to use
- Low maintenance
- Mobile and transportable

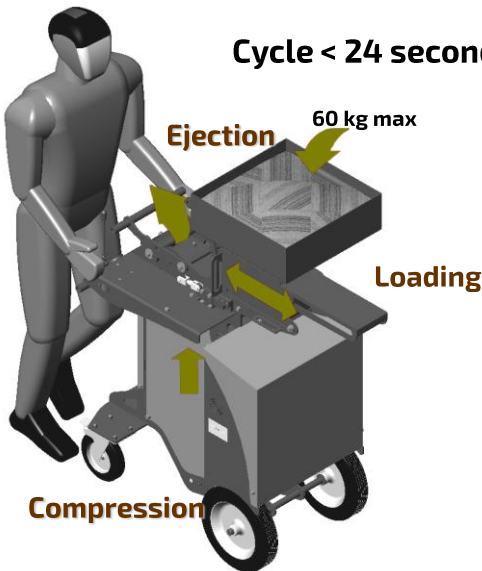
## Technical information

Dimensions L x W x H	125 x 50 x 150 cm
Weight	235 kg
Mold change	10 min
Motor, 230V single phase*	1,1 kW
Average consumption	0,22 kW/h
Max hydraulic pressure	180 bars
Compression force	22 tonnes
Capacity of loading tray	60 kg de earth



Simple and efficient

**Cycle < 24 seconds**



## Types of bricks

Designation:	Standard 29x14	Inter locking 29x14
Form of brick created with the mold		
Format in cm (Lxlxh)	29x14,5x9	29x14,5x9
Weight (kg) (~)	7	7
Bricks per m <sup>3</sup> of mix	281	281
Bricks per m <sup>2</sup> of wall	33	38
Use	Walls of inertia Walls Small projects	Walls of inertia Walls Small projects

The MonoMeco produces bricks in the format 29x14,5x9, a set of interchangeable plates can make standard or interlocking bricks.



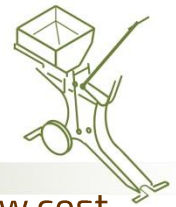
Watch the MonoMeco in action on our Youtube channel: <https://www.youtube.com/watch?v=5klegNCD5AY>

## Transport international:

If you want to organize the freight yourself, you will need this information, or ask us about import costs.

Custom number	84 74 80 9000
Packaging	SEI4 woodbox
Overall dimensions (Lxlxh)	120x80x65 cm
Gross Weight	250 kg





**Precise**

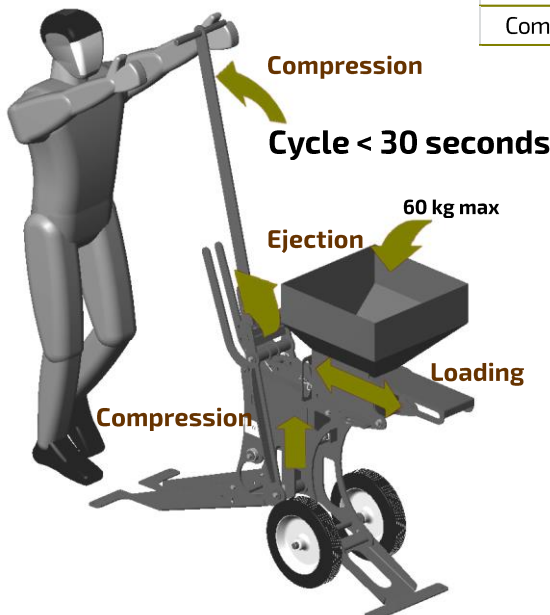
**Affordable**

**Light**

Conçu et assemblé



## How it works



## Performance

up to **800 bricks / day**

or up to **20m<sup>2</sup> / day**

Capacity for an 8-hour day

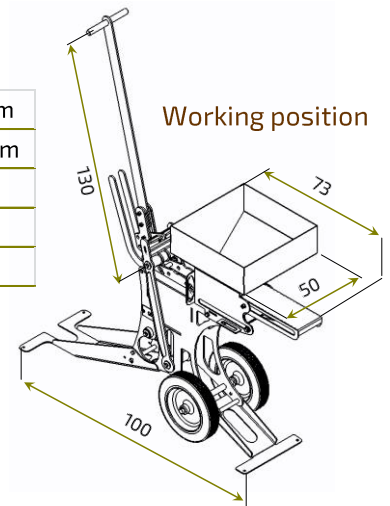
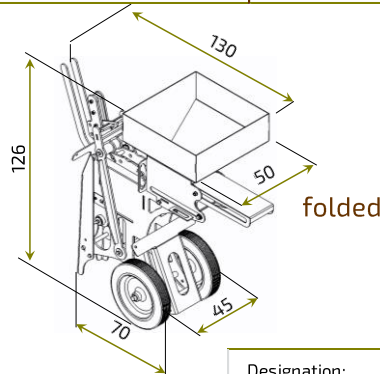
!Attention! Performance depends on the number and quality of operators. Count on an efficiency of 70% in normal operation

## Advantages

- No fuel
- Easy to use
- Maintenance free
- Can be dismantled

## Technical information

Working Dimensions L x l x H	177 x 50 x 210cm
Folded Dimensions L x l x H	130 x 50 x 126 cm
Weight	153 kg
Mold change	10 min
Compression force	15 tonnes



## Types of bricks

Designation:	Standard 29x14	Inter locking 29x14
Form of brick created with the mold		
Format in cm (LxIxH)	29x14,5x9	29x14,5x9
Weight (kg) (-)	7	7
Bricks per m <sup>3</sup> of mix	281	281
Bricks per m <sup>2</sup> of wall	33	38
Use	Walls of inertia Walls Small projects	Walls of inertia Walls Small projects

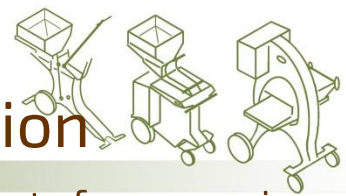


Watch the MultiMeco in action on our Youtube channel:  
<https://www.youtube.com/watch?v=SklegNCD5AY>

## International Transportation:

If you want to organize the freight yourself, you will need this information, or ask us about import costs.

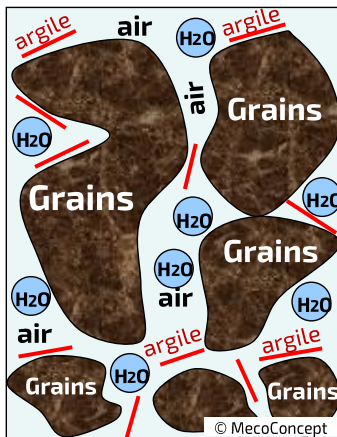
Custom number	84 74 80 9000
Packaging	Caisse SEI4
Overall dimensions (LxIxH)	120x80x80cm
Gross Weight	185 kg



For 15 years, MecoConcept has worked with a number of laboratories to design and develop original CEB presses, making it possible to manufacture bricks of an unprecedented quality: the MecoBriq.

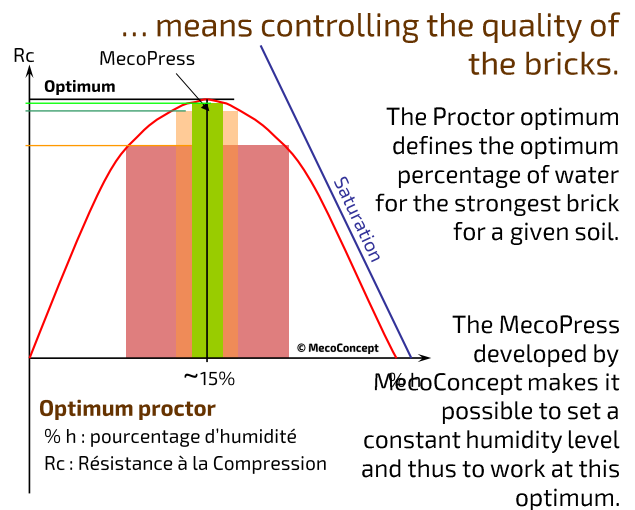
**Pressing soil cannot be improvised, it is important to follow certain guidelines :**

### Sand particles, water and clay



Soil is made up of different sizes of sand particles, clay, water and air. The sand particles, like the bones in the body, make up the skeleton of the brick, and the clay is the muscles. During compression, water allows these elements to slide over each other to make a compact block, not too much and not too little is needed. To be strong, a compressed earth brick must have good bones and muscles!

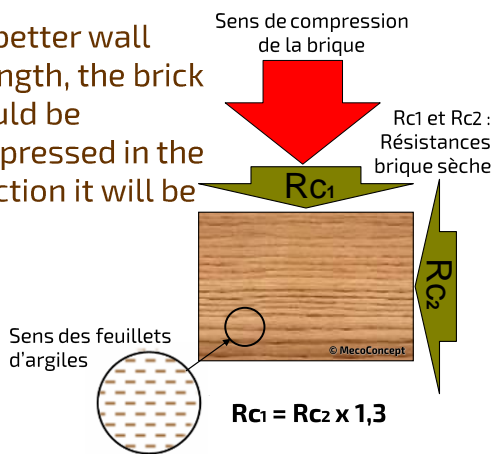
### Managing water...



Choose a non-organic, sandy-clay soil

### A question of common sense...

For better wall strength, the brick should be compressed in the direction it will be laid.



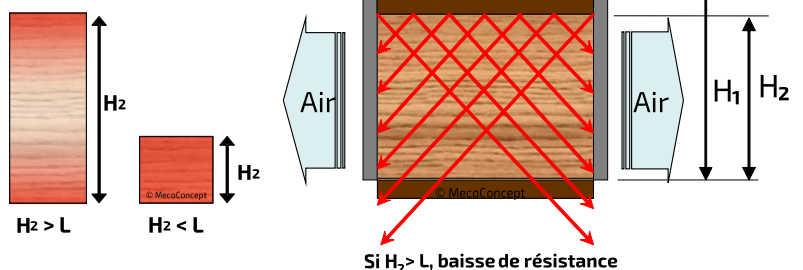
The resistance in the compaction directions is 30% higher than in the opposite direction.

**A brick pressed lengthwise loses 50% of its strength in the center.**

### Controlled compaction

Part of the compaction energy is transferred to the walls, the height to width ratio of the mold and a good friction coefficient are essential points to transfer a maximum of energy for soil compaction.

For optimum strength, the brick should be wider than it is high.



**MecoPresses, developed by MecoConcept, respect these principles. This respect is the basis for the high quality of MecoBriqs.**

Making CEB is a profession, come and get trained!

To make high-quality bricks depends on many parameters and requires training. MecoConcept offers training courses throughout the year to help you acquire this expertise.