

MULTI EASY LINE + AUTOMATIC PRESS



Strength, speed, economy, intelligence and versatility walking together in your production! Line composed by our innovative automatic press with a series of technological resources plus the Multi Easy Processor.

With this revolutionary press you will be able to produce incredible and perfect bricks.



Your business will start with everything and in a versatile way! Absurd force machine, high production, precise and well finished bricks with the technology and computer aiding in the productive process and the quality control.

With this line you will extract the full productive potential of your business! You will save on labor, earn quality, and increase your business profits.

To exploit the potential of this extraordinary automatic press of bricks the newest solution in the market, the Multi Easy Processor. The only one that can supply this batch of stuff. It grinds, blends and sifts everything in a single machine, offering greater quality and speed in the homogenization of the mass, resulting in cement savings and elimination at the production bottleneck.

VALUE
US\$ 55.950,00

MULTI EASY LINE + HYDRAULIC PRESS



GIANT PROFIT AND BUSINESS WITH MORE QUALITY AND LESS COST!

Its complete line is prepared for high production. Composed of our traditional hydraulic press with super compacting power and speed, allied to the big star the Multi Easy Processor. It crushes, mixes and sieves everything in a single machine, offering higher quality and speed in the homogenization of the mass, resulting in cement savings and elimination at the production bottleneck.

With this line you will extract the full productive potential of your business! You will save on labor, earn quality and have the desired profits!



VALUE
US\$ 26.675,00

COMPLETE KIT

- 11 molds for the manufacturing of ecological bricks;
- Laboratory sieve for soil analysis;
- Greaser for equipment maintenance;
- 2 DVDs with complete guidelines for manufacturing and application of bricks directly on building

AUTOMATIC PRESS



Strength, speed and economy

Machine with low power consumption due to its efficient hydraulic system operating with double pump that identifies when and where to use force or speed. High compaction power (up to 12 tons) without letting your production speed go by. Strength and speed allied to economy!

Intelligence

Intelligent machine composed of several sensors and HMI, that means "Human-Machine Interface". It allows you to monitor, manage and analyze information always searching for improvements. Together with sensors they can quickly point out and correct production errors, for example, the operator is alerted when a brick is manufactured with a measurement out of scheduled. It means that the quality control the machine does itself!

**PRODUCE AMAZING AND PERFECT
BRICKS WITH THE AUTOMATIC PRESS!**



See all features and benefits

- Produces up to 4000 pieces/day;
- Weight 550kg;
- Electro-electronic control panel with PLC and HMI;
- Hydraulic loading and pressing, automatically actuated;
- Software that allows you to monitoring, managing and analyzing information always aiming improvements;
- Extremely accurate measurements of the bricks counting with the aid of several sensors scattered throughout the machine;
- Perfect and constant finishing in the bricks without interruptions in production thanks to the heating system in the upper and lower form with electrical resistances systems allied to a system of temperature control according to the operating conditions;
- Mobility, easy handling due to castors mounted on its chassis;
- Just a single operator is required;
- Low power consumption due to double pump system;
- Super strength, up to 12 tons of compaction.

VALUE
US\$ 34.750,00

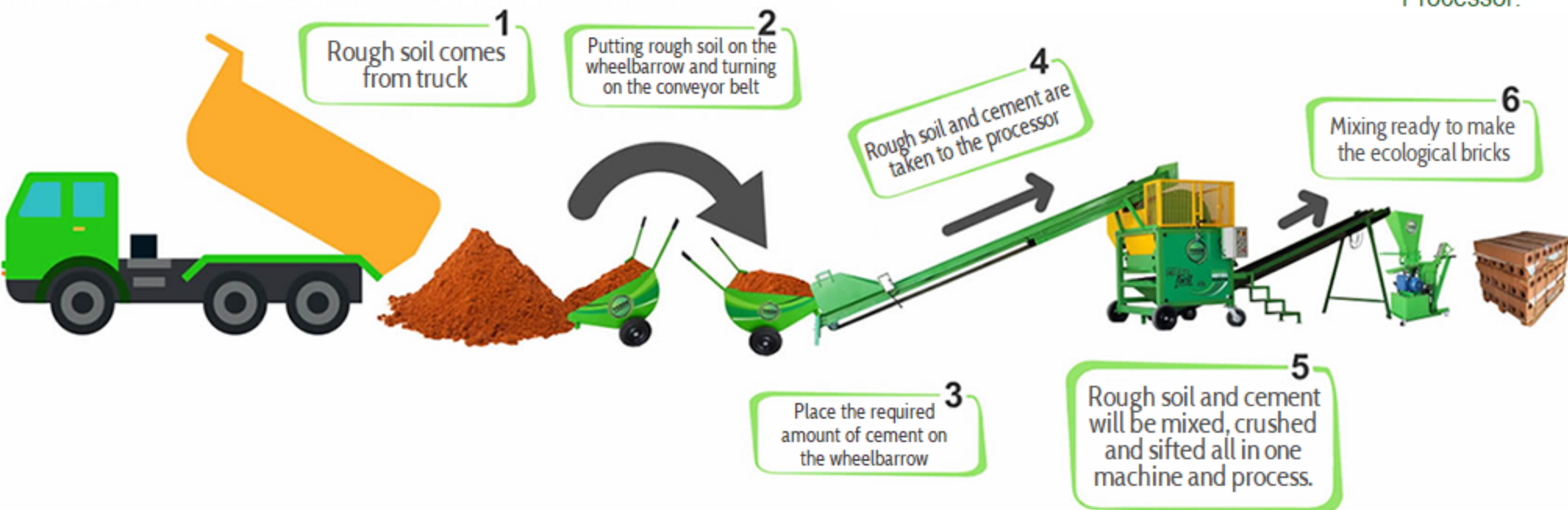
MULTI EASY LINE

VALUE
US\$ 21.200,00



No more difficulties in preparing the materials! No more frustration with low production! Has arrived the line to increase your production and make you take a leap! With this line you will save on labor, earn quality and increase your business profits. The new optimized production line consists of:

- Processor Supply Conveyor Belt;
- Press Supply Conveyor Belt;
- A Wheelbarrow;
- MULTI EASY Processor.



Material preparation capacity of the Multi Easy Line is for the manufacture of 3,000 to 6,000 bricks per day



FINISH

- ✗ LOW PRODUCTION
- ✗ PAUSE DURING BATCH
- ✗ A LOT OPERATOR
- ✗ COUNT OF BALDES
- ✗ DRUMMED MATERIAL ON DRUM
- ✗ DELAY IN THE PROCESS OF PREPARATION

THE MULTI EASY PROCESSOR of Verde Equipamentos has its humidification system with machine-coupled tester, volumetric control of the material, non-stick coating, front access to the drum facilitating the feeding;

VALUE
US\$ 15.250,00

PROCESSADOR **MULTI** *fácil*

3 PROCESS
IN 1 ONLY MACHINE
MIXER, CRUSH, SEIVE

SECURITY

Suitable for NR 12 and NR 10

SPEEDY

High homogenization speed of the mixture, required only from 1 to 3 minutes per batch;

PRODUCTIVITY

*Production between 2 thousand to 4 thousand bricks (12,5 x 25 x 7)



HYDRAULIC PRESS 12,5x25

Compact machine, with high industrial power of easy mobility and with tolerable noise levels, being able to be operated even in your house.

- Grease nipples on all axes, not dry running;
- Refill system, which allows replacement of the matrix box when there is wear;
- Composed by castors and support chassis that do not need to be fixed;
- Dimensions 0,55 x 1,00 x 1,75 m (W x L x H);
- Weight 300 kg.

ATTRIBUTES AND ADVANTAGES

Regenerative hydraulic circuit and electric motor in the right measure. Energy saving allied to a lot of strength and speed!

Extremely strong compression! More than enough for bricks with extreme quality.

Do not stop your production to clean molds anymore. Exclusive system of electrical resistances in molds, more quality in your bricks and greater production in your factory.

VALUE
US\$ 5.475,00



COMPLETE KIT

- 11 manufacturing molds;
- Laboratory sieve for soil analysis;
- Greaser for equipment maintenance;
- 2 DVDs with a complete set of guidelines for manufacturing and constructing using eco-bricks;

PRODUCTION CAPACITY UP TO 3000 DAY BRICKS!



MANUAL PRESS

12,5x25 - 11 molds

Professional machine! It's a durable product like an automobile, made to last a lifetime!

- Refill system, which allows replacement of the matrix box when there is wear;
- Two support bases, dispensing with the need to fix the machine;
- Manufactured in carbon steel 1020, 1045 and ASTM-A36;
- Fully dismountable and easy to transport;
- Extreme dimensional accuracy;
- Grease nipples on all axes, not dry running;
- Dimensions 0,35 x 1,00 x 1,30 m (W x L x H);
- Weight 115 kg.

ATTRIBUTES AND ADVANTAGES

Low investment without leaving quality aside! Start your business or manufacture the bricks for your home by investing little and earning a lot.
Quality guaranteed!

The most versatile and complete in the market. In a single machine make ecological bricks, pellets, massive bricks, paver. Start your business by offering variety in products to your customers.

It has compression control mechanism, easy and light operation.

VALUE
US\$ 1.975,00



COMPLETE KIT

- 11 manufacturing molds;
- Laboratory sieve for soil analysis;
- Greaser for equipment maintenance;
- 2 DVDs with a complete set of guidelines for manufacturing and constructing using eco-bricks;

MANUAL PRESS

12,5x25 - 8 molds

Professional machine! It's a durable product like an automobile, made to last a lifetime!



ATTRIBUTES AND ADVANTAGES

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- Grease nipples on all axes, not dry running;
- Dimensions 0,35 x 1,00 x 1,30 m (W x L x H);
- Weight 115 kg.

VALUE
US\$ 1.875,00



COMPLETE KIT

- 08 manufacturing molds;
- Laboratory sieve for soil analysis;
- Greaser for equipment maintenance;
- 2 DVDs with a complete set of guidelines for manufacturing and constructing using eco-bricks;

SOIL SHREDDER



VALUE
US\$ 1.225,00

ATTRIBUTES AND ADVANTAGES

- 2HP single-phase motor electric (110/220 V);
- It can grind up to 3m³ of material per hour;
- Weight: approximately 65kg;

Explore the maximum capacity of hydraulic and manual presses, feeding both equipment;

It's functionality is to crushes the dods of earth and homogenize, leaving the soil-cement mixture more uniform.

ELECTRICAL ROTATIONAL SIFTER



**Allows classification of several materials!
Totally flexible and can meet different needs.**

ATTRIBUTES AND ADVANTAGES

Extremely efficient equipment in the production of ecological brick, separating the land from other impurities, such as hail, plant roots and trees, etc .

- It benefits up to 3m³ of material per hour;
- Composed by electric motor of 0.5 CV single phase 110/220 V;
- Equipment may be used in agribusiness, construction and other applications;
- Approximate weight: 65 kg.

VALUE
US\$ 1.050,00

CONVEYOR BELT

- Motor 1,5CV
- Three-phase 220 or 380, bivolt;
- Control panel with two buttons;
- Weight: 80kg.

VALUE
US\$ 3.225,00



HOW TO MANUFACTURE AND RAW MATERIAL

Consists of land + cement + water. The proportions of the blend may vary between seven and ten parts of soil and one of cement.



The basic raw material for the ecological brick is the soil (soil), and can be removed from practically all areas. Unlike traditional bricks that are cooked and require clay. For the production of ECOLOGICAL BRICK is possible the stabilization of any type of soil, but for reasons of economic feasibility we will present the ideal soil.

Each and every land serves, except the black and those with a lot of organic material. With In relation to land the rule is very simple, one can use any land, except those with material organic (usually black and brown). Among all it is essential to analyze and verify the present percentage of sand in its composition. **For a good brick it is fundamental that the earth has between 50% and 70% of sand.**



It is important to highlight that all the soil has sand in its composition, some others less, in this way it is necessary to do the soil analysis. How is this analysis done? It is very simple and we are one of the few manufacturers that we provide support and material necessary for this, as we understand that the good quality of the brick starts from the proper ground. Is using a mesh sieve 200 that the test is performed, we sent this sieve to buy any machine.

If you have less than 50% sand, the difficulty in stabilizing will be greater, requiring more care in the manufacturing process. On the other hand, the more sand on the earth the better the quality of the brick, because sandy soils stabilize more easily and with small amounts of cement. Therefore, it is worth mentioning that the presence of sand in the range of 50% to 70% leads, among other advantages, the certainty of quality and economy.

But why is there a limit of 70% since the more sand the better?

This limit is not related to quality, but to the operational part of the process. That is, when it exceeds 70% the difficulty in removing the brick from the machine increases greatly, because it is excessively sandy material. If you have passed 70%, and regardless of the percentage, you are not having problems with the removal of the brick, great, keep working quietly and with the certainty of quality.

But if my soil has little sand?

As stated, with the exception of black earth, any land or soil serves, if it has little sand just correct it by adding sand.

Correction or use of sand will be performed only when necessary. The ideal is always to look for economically viable materials or soils and move away from the correction whenever possible.

Although there are soils that can not be used alone in the manufacture, there is the possibility of mixing two or more of them so that it results in a soil with characteristics that fit.

SEE WHAT YOU CAN BUILD AND BUILD

Civil construction has a strong impact on society, being a key sector for the local and national economy. In this context the brick is practically used in every work and one of the first items to be acquired, in this way, we have a potential market

In the case of ecological brick, there is a business with very low competition and growth possibilities to lose sight of, especially considering that it is not yet present in 1% of the civil construction. The reduction of the housing deficit, dissemination of environmental awareness, generation of income and development of local society are a reality with this product.

It can be sold to the final consumer (building owner), construction material houses, builders, construction professionals (architects, engineers, builders), public authorities, etc. It can also be used by Associations, Cooperatives, NGOs, etc.



Backyard



Walls and decoration



Popular and High Standard Houses

We also have the other cement flooring artifacts that can be manufactured in the same machine, thus diversifying the business, such as flooring inserts (can be used on facades or decoration) and floors.



CURE OF BRICKS

Ecological bricks do not need to be burned. Its resistance comes from the stabilization of the soil with cement and the use of water after its manufacture. They should be wet for a period of seven days after being manufactured. In this process it is recommended to use a garden hose for wetting.

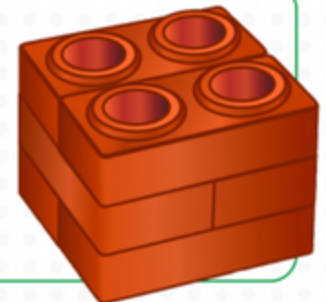
WORTH THE INVESTMENT, PRODUCTION COSTS, SALES PRICE

We will use as reference the soil-cement brick in the measurements of 12.5cm x 25cm x 7cm, which is the most consumed and manufactured in the market. We will initially highlight the amount of raw material needed to manufacture one million bricks. We will consider the cost of materials of our city, where is located the factory unit of Verde Equipamentos, Guaratinguetá-SP.

Description	Consumption by a thousand	Unit Cost	Total Cost
Cement bag 50kg	6 bags	R\$ 19,00	R\$ 114,00
Soil (land) 2,5m ³	2,5 m ³	R\$ 35,00	R\$ 35,00
Total cost with material for a thousand brick			R\$ 149,00

A million green bricks are usually sold between \$ 800.00 to \$ 1200.00.

SAVE
UP TO 40%
ON YOUR WORK



Remembering that this is just a calculation basis, because we have regions where there may be more or less competition. So the profit margin is huge.

TECHNICAL PRODUCTION QUALIFICATION



CONSULTING

Reinforcing our purpose of making our customers produce quality and achieve their goals, we carry out the technical training in a practical and personal way in the assembly of more advanced and complex lines without the whole national territory. **We direct from the operation and handling of the machines to the appropriate technological** control that involves correct soil selection, traces, mass preparation, curing process, mass preparation, curing process, etc .

We work to reduce the risks in the initiation of a new project like the manufacture of ecological bricks; we shorten the path that the client goes through to the manufacturing of a quality brick.

VIDEO LESSONS

The technical training related to the simplest operations machines (manual presses and hydraulic presses) is realized by means of video lesson (manual) sent to the clients together with the machines. It is taught from the handling and operation of the machines to the appropriate technological control in the manufacturing that involves proper choice of material, preparation and mixing of materials, correct mass damp point, curing process, dimensional control and final product quality verification. When logistics allow, we also guide in a practical and personal way in this line of products.

After sales advice is free and lifelong.

Held by phone, email and mainly with technological features that allow easy and fast interaction with the client such as APP WhatsApp and video calls..



SEE THE ADVANTAGES OF MANUFACTURING ECOLOGICAL BRICKS TO BUILD YOUR HOME OR START YOUR OWN BUSINESS:



Savings of up to 40%
in the final value of the work;



Easy finishing:
it only needs waterproofing, dispensing with the use of paints and other finishes, the laying of tiles can also be done on the bricks;



Stronger structure:
as the columns are embedded in the holes, the weight load is better distributed;



Thermal and acoustic insulation:
generated by the holes in the middle of the bricks, which forms an air chamber;



It doesn't use wood
in the casings of the pillars and lookouts;



Reduced construction time:
due to the easy laying and dimensional perfection of the brick, favoring the alignment and plumbing of the wall;



Economy of concrete
and laying mortar;



Electrical and hydraulic installations:
can be carried out through the holes.

WHY BUY WITH VERDE EQUIPAMENTOS?



Secure payment and guaranteed delivery;



Machines ready for delivery

Immediate shipment to the whole national and international territory;



Differentiated service.

Permanent technical support to the client (we return your call free of charge even after the sale);



1 year warranty

against any manufacturing defect;



Make a wide variety of bricks

Kit with several molds, allowing the manufacture of pavers, tablets and others.



PAYMENT METHODS

- Bank transfer or deposit;
- Bank slip (on demand);
- Credit card installment up to 12 times by Paypal.

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