

**SAVE UP TO 45% OF BUILDING COSTS  
& BUILD IN RECORD TIME IN ANY EXTREME LOCATION**

**By Using The Toughest Mobile Machines To Produce The Best Interlocking Bricks In The World Directly On-Site**

**1. GET THE TRAINING**



MyBrick Training transfers the skills of the latest & most advanced interlocking building technologies to its candidates. This training is offered either at the Head Office in Cape Town, or On-Site anywhere in the world.

**Interlocking Building Concepts**

A 5 day session with a semi skilled builder covering the basics of building a complete structure from vacant land to 100% completion of the structure.

**Supervisor Machine Training**

A 2 day hands on session covering the detailed operation of any of the MyBrick Brick Making Machines at Supervisor Level. This person will be able to oversee and train unskilled support staff at any onsite location.

**Machine Servicing Module**

A remote servicing and basic repair module ensures that minimum downtime is avoided.

**Support**

All telephonic, video and online support is free. Support On-Site is available at an additional charge.

Note: Training can be adapted per client needs.

**2. USE THE MACHINES**



**Model M7XL**

Heavy duty for small to large projects producing up to 1500 interlocking bricks per 8 hour shift, or 75sqm of walling. Single axle. 6 Unskilled Labour at Max production. 200 Litre Hydraulic Pan Mixer.



**Model M7XXL**

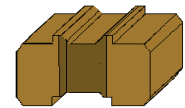
Heavy duty for large projects producing up to 5000 interlocking bricks per 8 hour shift, or 250sqm of walling. Double axle. 12 Unskilled Labour at Max production. 300 Litre Hydraulic Pan Mixer

**All Machines Have:**

- 3 Year Warranty & 7mm Steel Frame
- Dual Direction Hydraulic Compression
- Diesel or Electric Option

Note: Various accessories are available.

**3. PRODUCE THE BRICKS**



**200MM OUTER WALL**



**150MM OUTER & INNER WALL**



**150MM & 200MM CORNER/COLUMNS**

**All Interlocking MyBricks are:**

- SABS & NHBC approved
- 7 - 15 Mpa
- Dry stacking (no mortar required)
- No chasing or chiselling required for electrical & plumbing
- The strongest stabilized brick on the market
- Produced On-Site with soil/sand from the site

Note: Other compressed brick moulds are available.

**THE TOUGHEST, SAFEST & EASIEST, NO MATTER HOW EXTREME THE LOCATION**

For more info contact: sales@MyBrick.co.za or +(27) 79 451 1991

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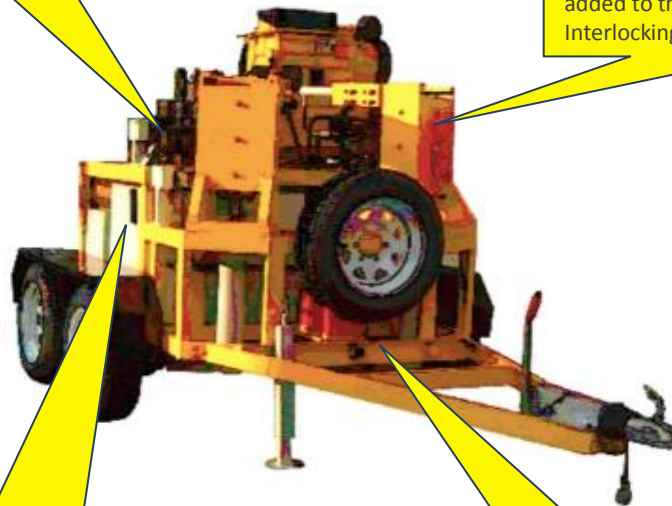
# WHAT MAKES OUR MACHINES DIFFERENT?

## THE EASIEST MACHINES

Simple 2 lever system

## THE STRONGEST BRICKS

Bricks are 7 – 20MPA hydraulically compressed from both directions  
In addition, RoadPacker CBS chemical additive is added to the mix making it the strongest Interlocking Brick on the market.



## THE SAFEST MACHINES

Panmixer is hydraulic, not electric (no chance of electrocution) & mixes from the bottom, away from hands & arms.

## THE TOUGHEST MACHINES

7mm Steel Frame on all machines  
Dual Axle on M7XXL  
Spare Type Included  
Heavy Duty construction  
HATZ Diesel Motor (3 Year warranty)

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# THE BASICS EXPLAINED

## WHAT IS THE “INTERLOCKING BRICK SYSTEM” AND IT’S ADVANTAGES

**Interlocking bricks**, or stabilised soil bricks, are the enhanced form of conventional clay bricks. Each brick is designed to lock itself to the other bricks around it, without the use of cement mortar. This locking is achieved by a similar method as the toy LEGO sets.

Interlocking bricks are made from a compressed combination of soil, cement and water in appropriate proportions. High quality interlocking bricks have chemical or natural additives which further contribute to the long term strength of each brick, as well as using optimum hydraulics to achieve adequate compression.

The advantages include

- Lower cost than traditional building methods
- Has a face brick finish so plastering is not necessary and can be painted directly on
- More effective in seismic areas
- No deforestation as firing is not required
- Decreases build time (up to 3x) as bricks are dry stacked
- Unskilled labour can be used
- Brick strength can be calculated by using additives or adjusting mixes
- High quality bricks are longer lasting and stronger than clay fired bricks

## HOW IT SAVES 30% - 45% OF TRADITIONAL BUILDING COSTS

- Bricks can be made On-Site, thus avoiding the cost of transporting bricks to site
- Less cement usage as no mortar is used (dry stacking) and plastering is not necessary
- Unskilled labour can be used at a lower cost
- Raw material for the bricks can be the normal soil or sand from the site
- Less building maintenance

## WHY IS THIS IMPORTANT?

The current 2020 world population is 7.8 Billion, with projections for 2050 being 10 Billion. The primary areas of population growth are from Africa followed by India and Latin America.

As the population increases in economically depressed areas, large demands arise for affordable housing, schools, hospitals, apartment blocks and government buildings. Due to the volume of basic services necessary, the focus is steadfastly on affordable & innovative building technologies that can supply volume without compromising quality, utilise local resources efficiently and make use of local unskilled labour close to the building site, including women.

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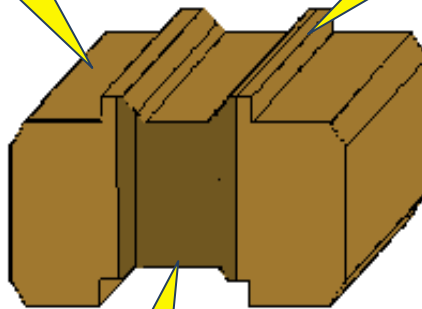
# WHAT MAKES OUR BRICKS DIFFERENT?

## **STRONGEST INTERLOCKING BRICKS ON THE MARKET**

Hydraulically compressed from both sides  
RoadPacker CBS adds strength and water proofing over the long term.

## **DESIGN**

Interlocking fit results in hassle free laying,  
incredible wall strength up to 4 floors & the  
advantage of 'Pass Through Technology'.



## **PASS THROUGH TECHNOLOGY**

Avoids chiselling and chasing for electrical & plumbing both horizontally & vertically

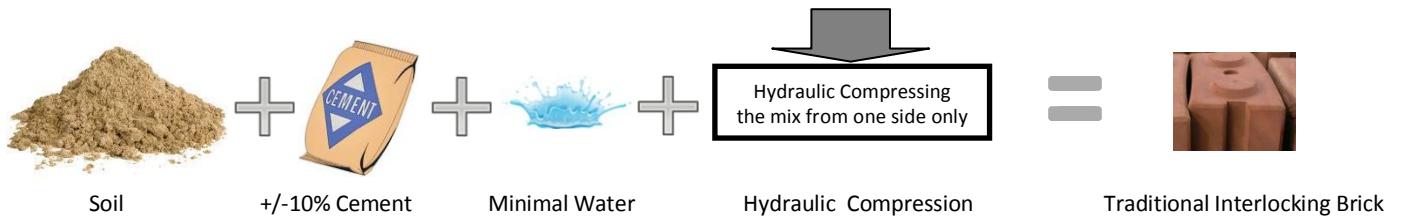
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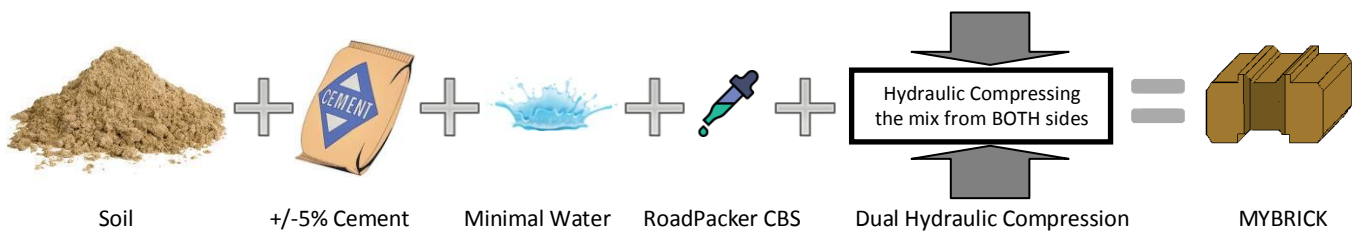
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# THE BASICS EXPLAINED

## TRADITIONAL INTERLOCKING BRICK



## HIGH QUALITY INTERLOCKING BRICK



## WHAT IS ROADPACKER CBS & WHY IS THIS IMPORTANT?

The RoadPacker CBS is a safe chemical additive that is added in small quantities to bind the soil particles to the maximum, thereby enhancing the long term strength and water resistance. This is far more effective than solely using cement. Any brick, whether interlocking, concrete block or clay fired, that is not plastered or protected from the elements generally starts to crumble over an extended period. The RoadPacker CBS avoids this and ensures the most water resistant and longest lasting brick on the market no matter the conditions.

## WHY IS DUAL COMPRESSION HYDRAULICS IMPORTANT?

Dual compression hydraulics, or compressing the interlocking brick from both sides, ensures uniform strength to the construction of the interlocking brick as well as even distribution of the cement and CBS. This results in avoidance of weak spots commonly found in hydraulically compressed bricks with only a single side being compressed. The hydraulics can be adjusted to compress between 7Mpa – 20Mpa and this strength is then 100% uniform across the entire interlocking brick.

## DOES THIS INCREASE THE COSTS

Addition of RoadPacker CBS will add an approx 2 – 4 US cents to the cost of each brick, however less cement can be used in the mix. The Dual Compression Hydraulics are standard on all our Brick Making Machines and do not add any additional cost whatsoever.

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