

Compressed Blocks

with Premium
Quality,
Economical
Price &
Sustainable
Environment



الاتحاد للصناعات الخشبية
UNION WOOD WORKS
Branch of M.A.H.Y. Khoory & Co. L.L.C



Journey to a
Sustainable &
Clean Future

www.unionwoodworks.ae

Company Profile



Union Wood Works, Branch of M.A.H.Y. Khoory & Co. L.L.C is a leading manufacturer of Compressed Blocks in GCC.

We make Compressed Blocks from 100% used wood in various sizes to meet all kind of requirements. Our Blocks are produced in a fully Automatic, State-Of-The-Art production facility.

Our Compressed Blocks are **Sustainable** alternative to natural solid wood and are **Economical** and a **Qualitatively Superior Solution**.

We are capable of supplying all over the world with minimum lead time.



Where We Come From



Our parent organization M.A.H.Y. Khoory & Co. (LLC) is one of the oldest corporate companies established in UAE with over 3100 employees across the Middle East. It is a pioneer in bringing recycled paper technology to the Gulf and has one of the largest Paper manufacturing facilities in GCC.

Union Wood Works is another example of the organization's journey towards Sustainability as we introduce the latest technology to locally produce Compressed Wooden Blocks.

We are also recognized as the regional market leader in Water Pumping Solutions and are also involved in trading, hospitality, logistics, interiors, solar energy businesses to name a few.



مجمع عبدالله حاجي يوسف خوري وشركاه، م.م.
M.A.H.Y. KHOORY & CO. LLC



To learn more about M.A.H.Y Khoory Group visit their website
at mahykhoory.com

Vision, Mission & Values

Our Vision

Be the discoverer of new packaging solutions; Be the leader of environmentally friendly materials.

Our Mission

Providing customers with excellent quality with professional services.

Our Values

Sustainability
Customer oriented
Responsibility
Reliability Safety
Excellence Respect
Collaboration

Product Quality



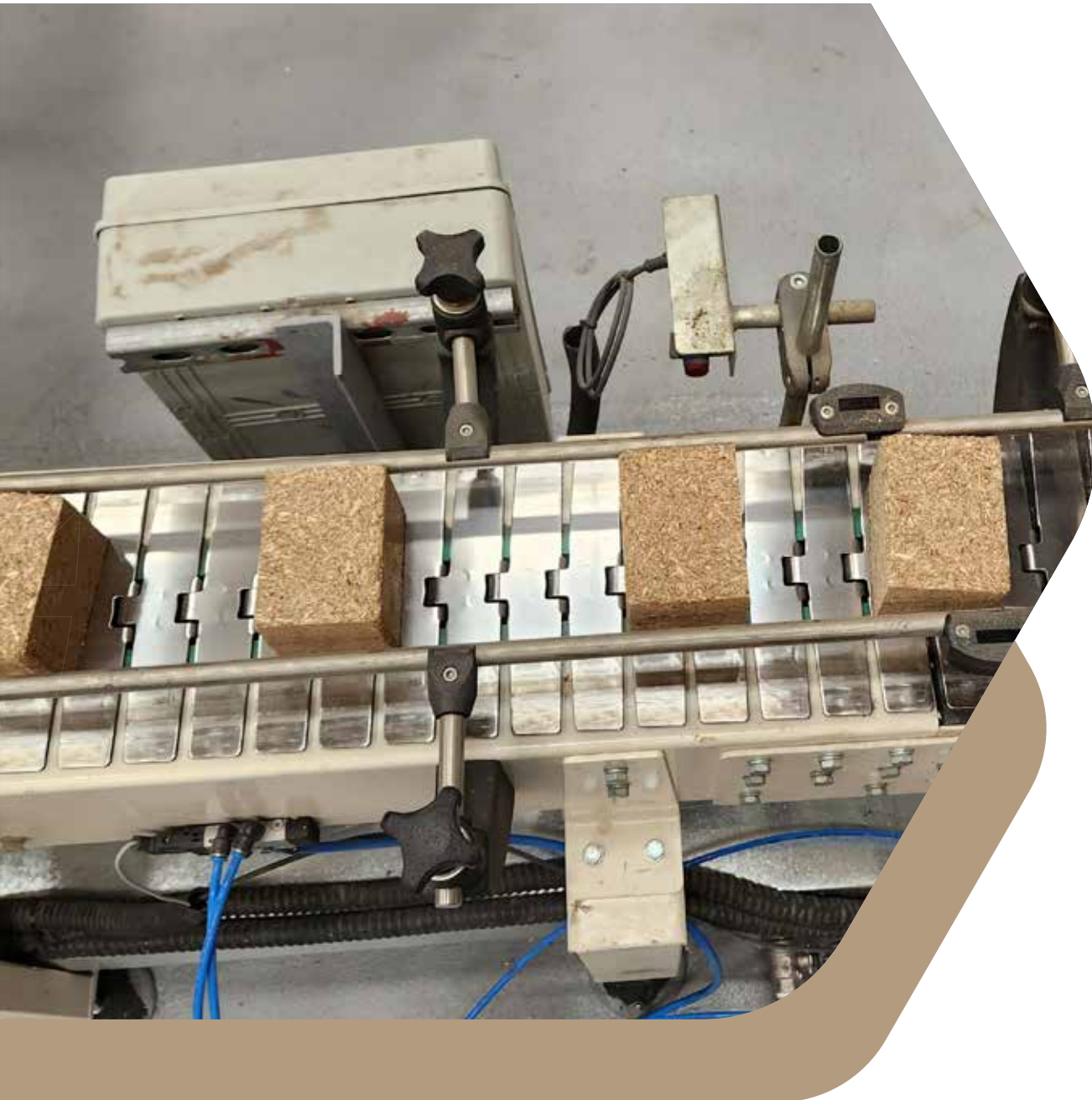
Union Wood Works Compressed Blocks adhere to the highest standards of Quality and are thoroughly tested in all Aspects before they leave the factory. Industrial production using state-of-the-art technology guarantees consistently high-quality standards.

Through Online Quality Control and Internal laboratory, we ensure Quality of each and every compressed Block that is delivered.

Quality parameters such as Density, Nail Pull-Out Resistance, Water Absorption, Swelling, Internal Bond (IB) Strength Test, Moisture, and load Bearing Test (Compressive strength) are tested during internal inspections.

PROPERTIES		TEST STANDARD	UNIT	RESULT
Density		BS EN 323: 1993	g/cm3	0.61
Moisture		BS EN 322: 1993	%	11.65
Water Absorption Test	at 8 Hours	ASTM D1037 - 12(2020)	%	16.03
	at 24 Hours	ASTM D1037 - 12(2020)	%	
Load Bearing Test (Compressive Strength)		ASTM D143-22		
Water Swelling (24 Hours)		EN:317	%	Very Good
Nail Extraction, Face		EN:12777-2	N	1000-1600N (1400N)

Product Range



Union Wood Works Compressed Blocks are ideal for pallets of all kinds. Blocks are available in various standard sizes and can be customized upon request.

146x100	80x72	100x72	100x72
80x80	154x100	146x80	146x80

Standard Height available in mm

120/110/100/95/90/78/75/72



Material Advantages

- > High nail retention
- > No Cracking
- > No insect infestation
- > No mould infestation
- > Precise and clean cut
- > High pressure stability
- > Low susceptibility to repairs.
- > Retains its shape in changing temperatures.
- > Remains dimensionally accurate in all weather conditions

Advantages Compared to Solid Wood

- > Recyclable
- > No Insect, free fumigation
- > Eliminate generation of sawdust and its disposal cost
- > Low moisture, No heat treatment required.
- > High ability of coil nail retention
- > Health and environmental protection
- > Save wastage and processing time of cutting blocks from raw wood.



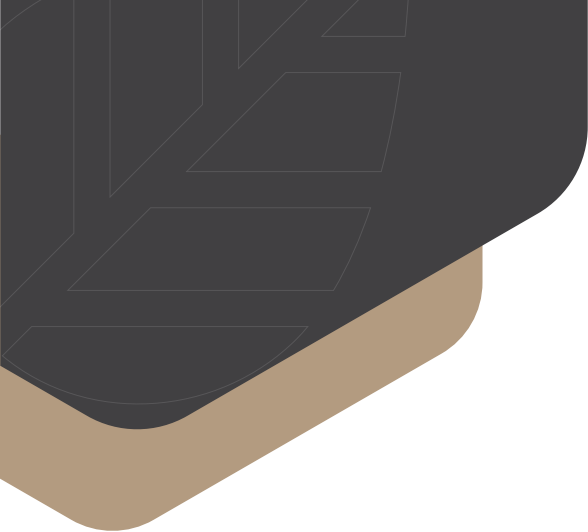
Be the first in the industry by showing that you believe in Sustainability.



Union Wood Works Compressed Blocks will help you:

- > Reduce Lead Time & Inventory Cost
- > Eliminate generation of sawdust and its disposal cost
- > Save wastage and processing time of cutting blocks from raw wood
- > Uniform sizes of each and every compressed blocks
- > Save carbon footprint
- > Save cost of pallets
- > Save trees for better future





ONE OF THE LARGEST MANUFACTURER OF COMPRESS BLOCK UAE

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