



KO-MATS

Crane mats - Draglineschotten - Baggermatratzen



SOLUTIONS FOR A SECURE FOUNDATION

DREDGING AND CRANE MATS FOR EVERY APPLICATION

HARDWOOD CRANE MATS

The Special Features of our Crane Mats

- Premium quality / "Made in Germany"
- Compliance with all legal regulations regarding legality and sustainability
- Symmetrical drill holes, galvanised bolts
- Automatically milled and beveled top front edge
- Precisely milled to length
- Custom colour marking available
- CNC-controlled suspension devices



A Solid Foundation for Success

Wood Types for Every Use

- Beech Crane Mats
- Dabema Crane Mats
- Okan Crane Mats
- Ekki (Azobé) Crane Mats

We are a medium-sized company based in the County of Bentheim, specialising in crane mats. Our state-of-the-art production facility allows us to manufacture high-quality mats, available in standard sizes or customised to your specifications.

As a direct importer with international logistics capabilities, we respond flexibly to inquiries.

Renowned national and international companies rely on our crane mats for various construction projects.

NO LOAD IS TOO HEAVY



The types of wood we use are known for their high abrasion resistance, exceptional hardness, and long lifespan. See for yourself!

Technical properties	Beech	Dabema	Okan	Ekki (Azobé)
Weight at 12% moisture content (kg/m ³)	710	850	1,030	1,060
Hardness (N/mm ²)	4.2	4.4	10.3	10.7
Shrinkage (%)	0.54	0.55	0.61	0.69
Tangential shrinkage (%)	11.6	8.5	7.9	10.3
Radial shrinkage (%)	5.7	3.8	5.8	7.3
Compressive strength (N/mm ²)	57	57	82	96
Bending strength (N/mm ²)	111	98	134	162
Elasticity (N/mm ²)	15,300	15,190	22,260	21,420
Grain	–	Interlocked	Interlocked	Interlocked
Durability class	II	II/III	I/II	I
Fungi resistance	Low	Medium	High	Very High
Termite resistance	Low	Medium	High	High

Quelle: CIRAD

CRANE MATS FOR EVERY USE

Our crane mats are used in a wide variety of construction projects. Internationally renowned companies rely on our mats to successfully complete projects across the globe—from Singapore to New Zealand, Panama to Abu Dhabi, and of course, Germany.



WE MAKE PROJECTS ACCESSIBLE



Other applications:

- Wind farm construction
- Energy transmission infrastructure
- Civil engineering, hydraulic engineering, and pipeline construction
- Crane rental and heavy-duty transport services
- Soil and foundation engineering
- Demolition and dismantling services
- Onshore and offshore industries
- Oil and gas industry

A safe foundation

All standard dimensions in our range are available from stock. The recommended thickness depends on the operating environment and intended use.

Type of wood	Strength	Width	Length
All Ko-Mats qualities	100 / 150 / 200mm	950 / 1000mm	4 - 5 - 6 - 8 Metres

100 mm

Ideal for temporary construction roads, such as in energy pipeline construction. Suitable for trucks and standard construction machinery.

150 mm

Commonly used for cranes and excavators up to ~40 tons. Also suitable for soil protection under pontoons and concrete floors.

200 mm

Designed for heavy-duty applications, including large cranes and crawler cranes weighing several hundred tons.



THE NEW GENERATION OF CRANE MATS

eKO-MATS^{2.0}

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Sustainable crane mats manufactured from recycled plastic material – 100% recyclable.

To confirm the environmental compatibility and safety of our eKO-MATS 2.0, Ko-Mats GmbH commissioned one of the world's leading providers of testing, inspection, and certification services to analyze its composite crane mats. The analysis is based on the Federal Soil Protection Ordinance (BBodSchV).

All the requirements of the Soil Protection Regulation have been met.

Take advantage of the outstanding ecological benefits of eKO-MATS^{2.0}:

- 100% recycled plastic materials
- Ideal for the circular economy: After energy-efficient processing, high-quality crane mats are produced again
- No negative impact on humans or nature
- No contamination of soil or water
- Long-lasting durability
- Environmentally friendly and quality-assured





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