

**YOUR PARTNER
IN PERFORMANCE**

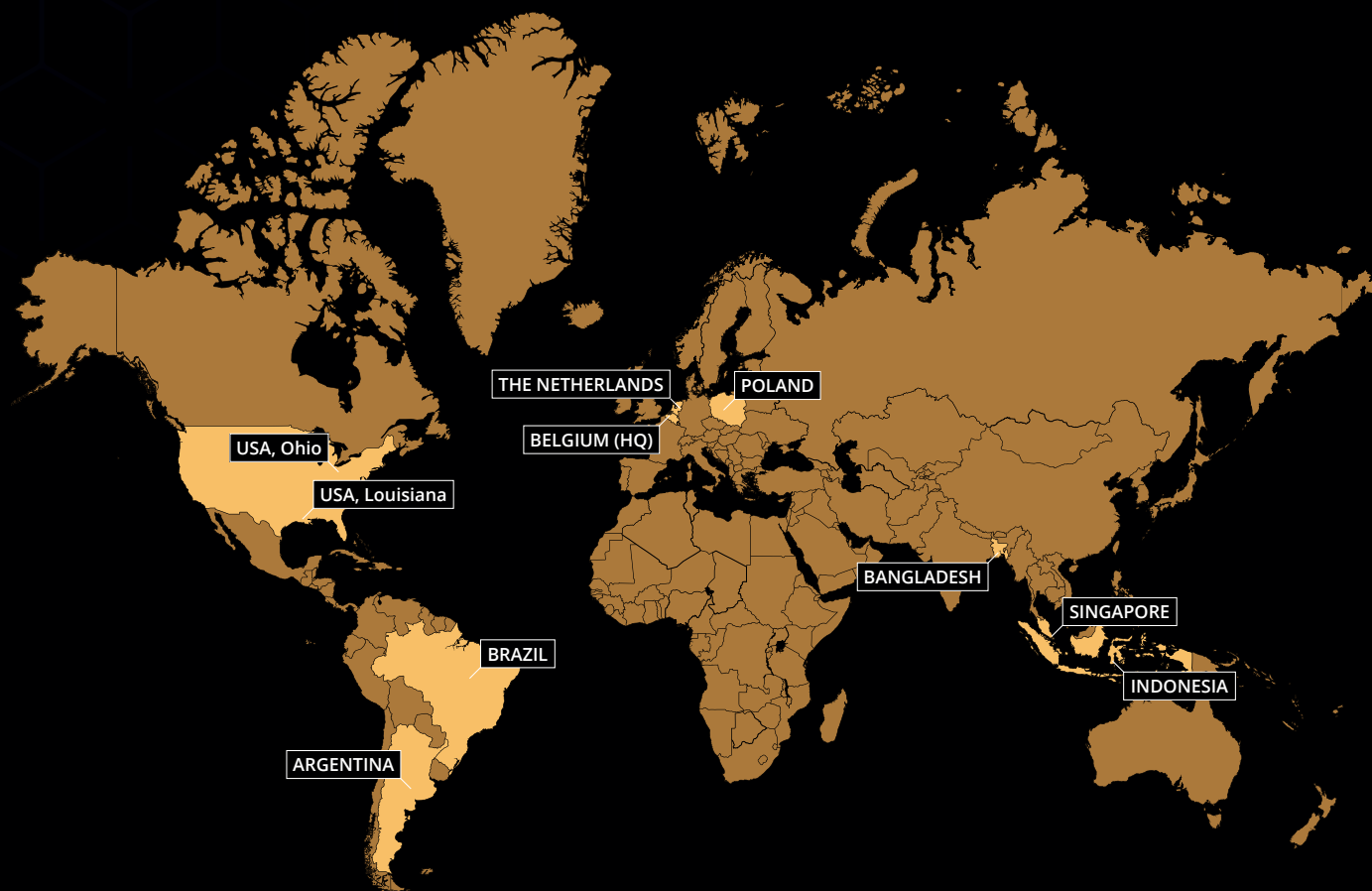
E-CRANE®
QUILIBRIUM

INTRODUCTION

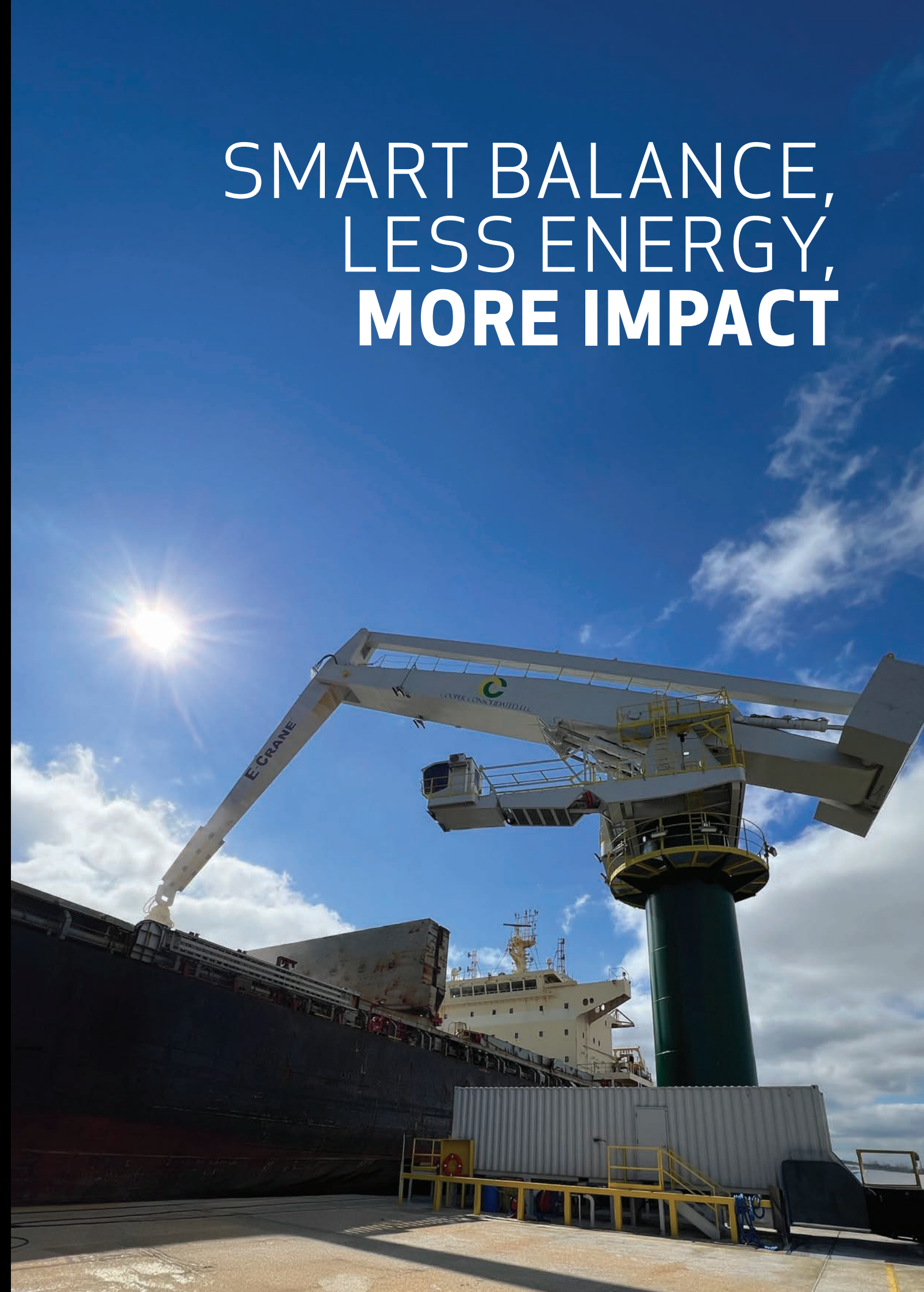
E-Crane Worldwide is a global leader in **turnkey solutions for bulk material handling, metal recycling, and dredging**. Founded in 1990 by a team of experienced heavy-equipment engineers, we continue to build on a strong legacy of innovation. **For more than 35 years**, we have advanced our flagship EQUILIBRIUM CRANE, known worldwide as the E-Crane®. Recognized as the most efficient and reliable grab-type crane in its class, the E-Crane is supported by complete in-house engineering, manufacturing, assembly, testing, and technical documentation.

Our **strategically located service centers** and expanding dealer network in Europe, Asia, and the Americas ensure near-continuous spare-parts availability and fast technical response. From repairs, training, and preventive maintenance to 24/7 free technical support, our services are powered by the standard E-CARE online system, delivering real-time performance insights at your fingertips.

E-Crane's commitment to quality drives long-term partnerships with new and repeat customers worldwide.



SMART BALANCE, LESS ENERGY, MORE IMPACT





FAMILY-OWNED

At E-Crane Worldwide, we consider ourselves more than just a company - **we are a family**. The company was founded on strong family values in addition to our **passion for innovation**. The legacy spans generations, and we hope to welcome you to our family. The Bauwens family is actively involved in leading the company. What began as a **family-driven local initiative has grown into a global company**, specializing in providing efficient and reliable bulk material handling solutions.

The **family-centered approach** ensures that every **client, partner, agent, and employee is part of our story**. Together, we work towards a tradition of excellence that will benefit future generations.

Join our family and together we'll **shape a remarkable future!**



E-Crane Worldwide delivers extraordinary products engineered, built and supported by extra ordinary people.

Our dedicated team combines **deep industry expertise** with a **passion for innovation**, ensuring every solution meets the highest standards of performance and reliability. Their commitment, craftsmanship and problem-solving mindset are essential to the success of E-Crane.

EXTRAORDINARY PRODUCTS BY EXTRA ORDINARY PEOPLE



OUR HISTORY



THE FIRST E-CRANE

The first E-crane sold to CCB, part of the Italcementi Group.

1996



FOUNDING OF E-CRANE USA

Expansion of our operations into the Americas.

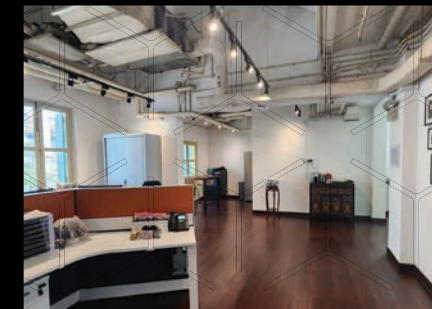
2000



BLOCKBUSTER

The largest hydraulic crane ever with a weight of over 1200 tons.

2009



FOUNDING OF E-CRANE ASIA

Opening our offices in Singapore.

2016

1990

OUR BEGINNING

The start of a small engineering firm in Eeklo, Belgium.



1998

FIRST SALES IN THE USA

These monumental sales open up a new market.



2001

NEW LOCATION FOR HEADQUARTERS

Relocation to Adegem, Belgium.

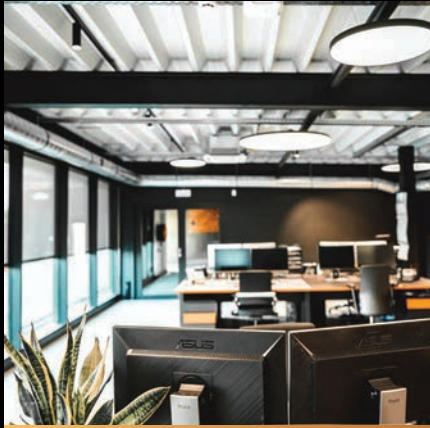


2012

ACQUISITION OF E-TOWERS FAMABA

Steel construction facility for cranes and towers.





EXPANSION IN ADEGEM

Expanding our HQ with new offices, a larger warehouse and new social rooms.

2022



FOUNDING OF E-CRANE BANGLADESH

Expansion in Bangladesh.

2024



EXPANSION IN POLAND

Opening our second production facility near Bydgoszcz.

2024

EXPANSION IN BANGLADESH

Opening our service and warehouse in Bangladesh.

2026

2018

FOUNDING OF E-CRANE INDONESIA

Opening our service center for Southeast Asia.



2023

EXPANSION OF E-CRANE USA

Opening the service center for the US Gulf Coast.



2024

EXPANSION OF E-TOWERS FAMABA

Opening our new production facility in Bydgoszcz, Poland.



2025

FOUNDING OF E-CRANE BRAZIL

Opening our service and coordination center in Brazil.



2025

EXPANSION IN INDONESIA

Doubling the size of the office spaces, the workshop and the warehouse.



OUR VALUES

Our values define who we are and how we operate as a company. E-Crane Worldwide is committed to delivering **premium quality, long-term value, tailored solutions, and exceptional service**. When choosing for E-Crane you choose for:

PREMIUM QUALITY

We deliver **top-tier engineering**. Every crane is designed with the utmost care and precision. E-Cranes are built to meet the **highest standards**.

CUSTOMIZED SOLUTION

We work closely with our clients to tailor the E-Crane to their needs. Our team ensures that all cranes fit the operational needs and that every project is **designed with the client's requirements in mind**.

LONG-TERM INVESTMENT

An E-Crane is a smart investment, built for **sustainability and durability** - our cranes are energy-efficient and provide a **reliable long-term solution** for the client's operations.

EXCEPTIONAL SERVICE

The service we provide does not stop after the commissioning of the crane. What distinguishes us is our **unwavering customer support**. We use a **'from cradle to grave' approach**, which is also reflected in the long-standing relationships we have with **all our clients**.



ELEVATE SUSTAINABILITY



OUR PROMISES

At E-Crane we **continually strive to enhance** our products and services to support a **circular economy** and minimize emissions. The innovative E-Cranes are designed with energy efficiency in mind, as the balanced design results in **significantly lower CO2** emissions compared to conventional equipment. At E-Crane Worldwide, we believe that responsible business practices will lead to a **more sustainable future for everyone**.

The E-Crane Advantage:

- The balanced design **drastically reduces horsepower requirements**
- E-Cranes are built for longevity, with regular maintenance our cranes last for **over 20 years** and **100.000 working hours**
- **Continuous support and service** help our clients to **reach their sustainability goals**

Together with our customers, we pave the way for a greener, more efficient industrial landscape.

LET GRAVITY DO THE WORK



WHY A BALANCED DESIGN IS BETTER FOR YOU

Balance is one of the **key factors** for any crane in the industry. Without the right balance, a crane will lose its stability. To avoid this, most cranes use some kind of '**counterweight**'. In most cases, this counterweight is at a fixed point on the crane, but on an E-Crane, the **counterweight is mechanically linked to the stick movement, so it compensates half of the lifted load at any reach.**

ONLY E-CRANE FINDS TRUE BALANCE

The balance crane provides a **fail-safe system** which guarantees that the crane will always be in balance. The link between the stick and counterweight creates a 4-bar mechanism, which ensures that the counterweight **continuously balances the total weight** of the steel structure along with half of the operational load. As the lifting radius is varied, the change in the load moment is automatically equalized by the moving counterweight.

ENERGY SAVINGS THANKS TO BALANCED DESIGN

Lower energy consumption means lower costs! With traditional hoisting machinery, energy is used to raise the payload, working tool, and steel construction, but the E-Crane's balance compensates for all but half the payload. It goes without saying that this results in important energy savings.

E-Crane's hydraulically pivoting, **mechanically linked boom** design keeps the machine in **near perfect balance throughout its full working range.** Having gravity work for you instead of against you **reduces horsepower requirements and power consumption up to 75%.**

The E-Crane Advantage:

- **Less maintenance and longer component life** due to lower stress on the support structure
- **Lower operating power resulting in lower cost per offloaded ton**
- Rigid connection between the grab and the crane structure allows for considerable downward pressure, even at maximum working radius
- Excellent lifting capacity over the total working area
- Smoother, quieter operation

E-Crane solutions deliver the lowest energy cost per ton of material handled. Thanks to the unique equilibrium crane principle, the crane naturally counterbalances the load, requiring far less power to operate. The result is significantly lower energy consumption than traditional hydraulic or rope cranes—cutting your operating costs, cycle after cycle, without sacrificing production performance.

Because the crane operates in balance this also reduces wear, extends service intervals, and cuts maintenance costs over the machine's lifetime.

Owners benefit from predictable performance, consistent cycle times, and the ability to maintain high productivity with minimal downtime.

Whether installed at a port, terminal, or industrial facility, an E-Crane helps owners **achieve the lowest possible cost per ton**, by maximizing efficiency and minimizing operating expenses.

The E-Crane advantages:

- Extremely **low energy consumption** due to true equilibrium design
- **Reduced component wear** and longer lifetime of key parts
- **Lower maintenance requirements** and fewer service interventions
- **Consistent, efficient cycle times that maximize throughput**

UNLOAD AT THE LOWEST COST PER TON



PRODUCT RANGE

UPPERS

E-Crane's **modular design concept** allows our engineers to tailor a custom solution for the customers' needs, based on our proven core components. We offer **seven different series** of machines based on capacity requirements: 700B, 1000C, 1500C, 1800C, 2000C, 3000C and 4000C.

Within each series you find **4 models** with different boom and stick configurations to suit your outreach requirements. For more detailed information on the seven different series, consult the **comprehensive table on the next page**.

LOWERS

Every E-Crane is **custom designed to meet specific needs**. E-Crane engineers will work with the end-user to provide a solution that optimizes operations. E-Crane fixed pedestal lowers take up the smallest footprint, while the freestanding pedestal options minimize civil construction.

Travelling options include hydraulically driven rail undercarriages as well as crawlers with electric plug in and/or diesel genset. The **balanced design** makes the E-Crane also perfectly suitable for floating installations. e.g. barge and ship.

GRABS

We provide our customers with turnkey solutions and therefore include **custom engineered attachments and grabs**, which can all be used in combination with the E-Crane rotator and quick-change mechanical coupler or alternatively, with a hydraulic quick-change. Our entire range of products is compatible with attachments from any grab manufacturer and existing grabs can easily be modified to fit the quick-change twist-lock pattern. **The quick-change devices allow for a safe and efficient switch between attachments.**

E-Crane Worldwide offers a wide variety of attachments: clamshell grabs, orange peel grabs, hooks, (semi-automatic) spreaders, magnets, etc.

PRODUCT RANGE

CRANE LIFT CAPACITY (SWL)-TON

SERIES	MODEL	REACH (METRES)	PORT CRANE (EN13001)				E-HANDLER/ SUPERLIFT (EN474)		
			GRAB		HOOK		Max	Adv.Capacity	
		Max.	Max.	Min.	Max.	Min.			
700B	4248	24,8	6,4	4	7,7	5	13,6	8,8	E-HANDLER
	4264	26,4	6,2	4	7,5	5	13,6	8,5	
	4290	29	5,8	4	7	5	11,9	7,9	
	4317	31,7	5,6	4	6,7	5	11,9	7,4	
1000C	7290	29	10	7	12,5	9	20,3	12,9	
	7317	31,7	10	7	12	9	20,3	12,5	
	7359	35,9	9	7	11	9	17,3	11,2	
	7382	38,2	9	7	10,5	9	17	10,8	
1500C	10290	29	15	10	18,5	12	29,9	19,6	
	9317	31,7	15	9	18	12	29,9	18	
	9359	35,9	13	9	16	11,5	25,8	17,2	
	9382	38,2	12,5	9	15	11,5	23,9	15,2	
1800C	14317	31,7	20	14	25	19,5	44,4	26,5	
	13359	35,9	18	13	22	17	37	23,4	
	12382	38,2	17	12	21	16	36,2	21,6	
	12421	42,1	16	12	19	16	31,4	19,9	
2000C	15317	31,7	24	15	29	19,5	52,1	30,5	SUPERLIFT
	14359	35,9	21	14	25	17	43,5	27	
	13382	38,2	20	13	24	16	42,5	25,5	
	13421	42,1	18,5	13	20	16	36,9	23,5	
3000C	23359	35,9	34	23	42	28	72	42,2	
	21382	38,2	32	21	39	26	70,5	40,1	
	19421	42,1	30	19	36	25	60	36,4	
	18450	45	29	18	35	23	60	33,5	
4000C	30382	38,2	47	30	58	37	96,9	58,2	
	28421	42,1	43	28	52	35	84,2	54,1	
	27450	45	41	27	50	29	83,8	48,8	
	26478	47,8	39	26	47	28	74,4	47,7	

A large blue E-Crane GALLOO scrap handling crane is shown in operation at a recycling facility. The crane's boom is extended high into the air, and its bucket is filled with scrap metal. The crane is mounted on a tall, dark cylindrical base. In the background, there are large piles of scrap metal and industrial structures. The sky is overcast.

SCRAP HANDLING

INDUSTRIES

INDUSTRY DESCRIPTION

The industry of metal scrap handling covers a **wide range of metals**. More frequently recycled metals are scrap steel, iron, lead, aluminum, copper, stainless steel and zinc. There are **two main categories of metals: ferrous and non-ferrous**. Metals which contain iron in them are known as ferrous where metals without iron are non-ferrous.

E-Crane creates next generation scrap handling solutions designed for both **steel mills and recycling centers** featuring the core product, the E-Crane. The E-Crane is **perfect for heavy-duty scrap handling**.

E-CRANE ADVANTAGES

The versatile E-Crane **tackles any scrap handling job** you put under its boom: from ships and barges to trains and trucks, all are unloaded with ease. The E-Crane shines on dedicated tasks such as: feeding shredders, filling shears and balers, and loading charge baskets.

E-Crane engineers have worked with hundreds of mills, terminals, and scrap processing facilities worldwide, and **have decades of experience within the industry**. With our **vast experience and knowledge**, there are no lifting, climatic, or logistics challenges that we have not met. E-Crane can design, engineer, and build the **optimum scrap handling solution**.

DREDGING



INDUSTRY DESCRIPTION

Dredging has to do with **underwater excavation**. A dredge is a machine that scoops (or suctions) sediment from the bottom of waterways or is used to mine materials underwater.

The “**E-Dredger**” features the E-Crane super-balanced equilibrium principle for smooth, efficient, energy saving operations in dredging and related applications. These includes operations such as maintenance dredging, ship salvaging, classic dike works, construction of breakwaters, land reclamation, and beach and embankment preservations.

E-CRANE ADVANTAGES

The balanced design of the crane minimizes tipping, even when fully loaded. This **superior balance** allows the crane to be mounted on virtually any type of barge, with or without spud poles.

Very **low power consumption**, leads to significant fuel savings. Along with the advantages of its **unique balanced design**, the crane also features a **superlift mode**, which reduces the need to discharge material from an overloaded grab, therefore eliminating

spillage of potentially contaminated silt. The use of a hydraulic grab results in greater closing forces leading to superior digging performance.

The fixed connection with the grab makes the E-Crane perfectly suitable for working underwater with pinpoint precision.

INDUSTRY DESCRIPTION

When it comes to bulk material handling, E-Crane is focusing on **dry bulk materials**. E-Cranes are found **everywhere along the supply chain for bulk materials**, from mining to shipping all the way to processing.

Materials that can be assigned to dry bulk are for instance:

- Bauxite
- Bulk minerals (sand, gravel, copper, limestone, salt)
- Cement
- Chemicals (fertilizer, plastic granules, synthetic fiber)
- Coal
- Dry edibles (flour, peanuts, raw/refined sugar, seeds)
- Grain (wheat, maize, rice, barley, oats, rye, soybeans)
- Iron (ferrous & non-ferrous ores, ferroalloys, pig iron, scrap metal)
- Wood chips

E-CRANE ADVANTAGES

The E-Crane product line offers exceptional **all-around flexibility and versatility**. Lowers are available in fixed or freestanding pedestals, as well as rail and crawler models with high or low portal carriers. The upper is built around a wide range of boom and stick combinations, allowing for **tailor-made “custom” material handling solutions at off-the-shelf-prices**.

E-Cranes are built for duty cycle operations and have an excellent grab filling factor, even when handling difficult materials due to the push-down force. Grabs have **fast opening and closing times**.

The absence of cables and a mechanical connection between grab and stick allows for working underneath hatch coamings.

BULK MATERIAL HANDLING





CONTAINERIZED BULK HANDLING

INDUSTRY DESCRIPTION

Containerized Bulk Handling (CBH) technology is **found in specialized bulk export ports**. Using containers bulk can be transported by rail from a remote mine or production facility, then temporally stored at the export terminal without having to unload the container and finally moved to the quay for loading the ship still using the same container. This concept allows the entire logistics chain from **extraction to ship loading** to be **optimized** using standardized container technology with minimal container (re)handling.

The main benefits from introducing CBH-technology are:

- **Significant reduction of terminal expenses**
- **Overall increased terminal performance.** Literature mentions savings from 20 up to 50% in equipment and labor
- **Environmentally friendly** (low dust emissions and no open air stacking of materials)
- **Eliminates 100% cargo loss**

E-CRANE ADVANTAGES

The E-Crane picks the containers from the trailer bed using a revolving spreader. The **entire content of the container is dumped into the ships hold** by rotating the container. To avoid damage to the cargo and reducing dust emissions at the same time, the containers are lowered into the ship's hold and an operator controlled container rotation assures what is called 'soft loading'. Once emptied the container is quickly placed back on the trailer **without help from other equipment** on the dock.

Throughout the operation E-Crane operators are assisted by the on-board computer systems to **centimeter precise position** the crane boom and stick, as well as the grab rotator. E-Crane created a versatile '**crane tool management system**' allowing the crane to work with a multitude of different spreaders and grabs. The crane is equipped with an E-Crane rotator and quick-disconnect allowing to switch quickly between spreader/hook and grab thereby **offering unprecedented versatility and flexibility** to the terminal operator.

An aerial view of a large white Viterra E-Crane mounted on a ship's deck. The crane's boom is extended diagonally across the frame, with 'VITERRA' in green and 'THE AGRICULTURE NETWORK' in smaller text. 'E-CRANE' is written vertically on the side of the boom. The ship's deck is reddish-brown and features two green helipad markings with 'CARPASE' and '1'. A white truck is visible on the left side of the deck. The background shows the blue sea and a distant coastline under a clear sky.

CREATED
TO LIFT
DESIGNED
TO LAST

Every generation has its icons — exceptional products that set the standard and lead the way. For us, E-Crane is more than just a machine; it's a symbol of our innovation and craftsmanship. It's both an honor and a driving force to see such a flagship product emerge from within our own family.

Rooted in our legacy as crane builders, we have consistently leveraged the advantages of the innovative moving counterweight system. Through ongoing research and a commitment to operational efficiency, each new generation of E-Crane is designed to deliver increased lifting performance, enhanced intelligence, and long-term adaptability to evolving industry needs.

BUILT STRONG, BALANCED RIGHT



An aerial photograph of a large-scale industrial demolition project. Two large white E-Crane cranes with yellow jibs are positioned on a dark, flat ground surface. They are working on a concrete structure that is being dismantled. Piles of debris, including metal shavings and concrete fragments, are scattered around the base of the structure. In the background, there is a large industrial building with a brown roof and a paved area with some vehicles. The overall scene depicts a complex and heavy-duty construction or demolition task.

SOME THINGS DON'T NEED EXPLAINING

Building heavy equipment is a craft driven by passion. For us, that means placing the highest value on safety and reliability — with unwavering attention to every detail. At E-Crane, we believe true efficiency comes through thoughtful reduction: reducing complexity, improving uptime, and designing every system for long-term performance without compromise.

SERIOUS LIFTING, SMALL FOOTPRINT



For all of us at E-Crane, every finish line is just a checkpoint — a brief pause on the road ahead. We're driven by a relentless pursuit to push our boundaries further. In the end, the impressive performance of our machines is only one step in a continuous journey of innovation.

Rough terrain. Harsh conditions. Heavy demands. This is where E-Crane shows up and stands out. Designed to go further, built to last longer — always rising to the challenge.

PERFORMANCE YOU CAN TRUST



BETTER INSIGHT, BETTER DECISIONS

Every day is an opportunity to get the most out of your operations. Our E-Care cloud-based information platform provides a centralized database with real-time access to the data you need — machine insights with a single goal: to enhance performance. Simple, fast, uncompromising — and above all, clear.

Each of these qualities alone is enough to excite any heavy equipment enthusiast. Combined, they represent the pinnacle of engineering performance. That's why our engineers proudly refer to the E-Crane as the optimal solution for your most demanding material handling challenges.

EFFICIENCY, POWER, CONTROL





WHEN
CONDITIONS
ARE TOUGH,
**WE GET
TO WORK.**

That's our approach and our commitment.
We always listen to our customers and believe that
our work is never truly finished. We refuse to give up
and consistently strive to go the extra mile.
Relentlessly dedicated, that's the promise we make.



HAVE A SEAT,
TAKE CONTROL,
GET IN TOUCH

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