



**BULK HANDLING**



**E-CRANE<sup>®</sup>**  
**EQUILIBRIUM**

# **LOWER OPERATING COST, SHORTER CYCLE TIMES, EASIER TO OPERATE,...**



The “E” in E-Crane® stands for more than **EQUILIBRIUM** - it also represents:

- Clean **E**lectric operation
- The lowest processing cost - an **E**conomic advantage
- A time proven **E**fficient principle using gravity to perform work
- **E**ffortless operation using modern state-of-the-art technology
- **E**rgonomic controls for less operator fatigue and higher production return

The E-Crane® is a purpose-built material handling crane specifically for bulk handling.

## **THE SUPERIOR EFFICIENCY AND PRODUCTIVITY YOU'VE BEEN LOOKING FOR IS NOW WITHIN YOUR REACH**

Due to the **E**quilibrium principle and modern **E**ngineering, the E-Crane® provides a long term solution with a short term return on investment.

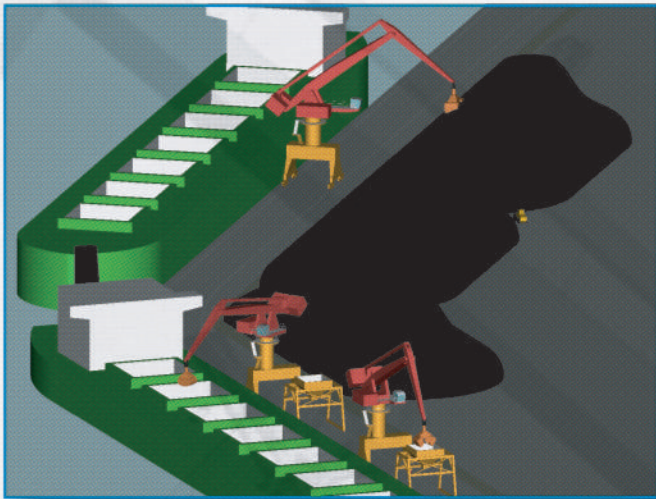
Precise hydraulic operation allows for **E**xact placement of the attachment, resulting in full capacity production every cycle. The E-Crane®... the lowest cost per processed ton in the

## **MORE PRODUCTION AND LOWER OPERATING COSTS. CHOOSING THE RIGHT CRANE JUST BECAME A WHOLE LOT EASIER**



# Product Info

Superior efficiency, productivity... now within reach !



In close cooperation with our clients, our engineers understand the project goals and lend suggestions from extensive past experiences. Utilizing state-of-the-art 3D software, animated "real time" examples of a working machine at your facility can be produced.

This can be done from multiple viewpoints, simulating views in the ship or barge.

## THE E-CRANE® EXCELS IN APPLICATIONS REQUIRING HEAVY-DUTY PRODUCTION CYCLES AND DIFFICULT WORKING CONDITIONS.

For optimum productivity with your E-Crane®, a wide variety of attachments are available... tailored to the specific job requirements.

*E-Crane Worldwide* produces and sells a large family of attachments:

- Low-headroom hydraulic clamshell grabs
- Hydraulic clamshell grabs
- Hydraulic pig iron grabs
- Hook attachments
- Spreaders
- Quick disconnects

The E-Crane product line offers exceptional all round flexibility and versatility. Using a "Series Built" family of standard components adds value to our client partners. Lowers are available in fixed or freestanding pedestals, 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 a tailor made "custom" material handling solution at off-the-shelf-prices.



**..., LONGER REACH,  
HIGHER EFFICIENCY,  
UNPRECEDENTED LIFE.**

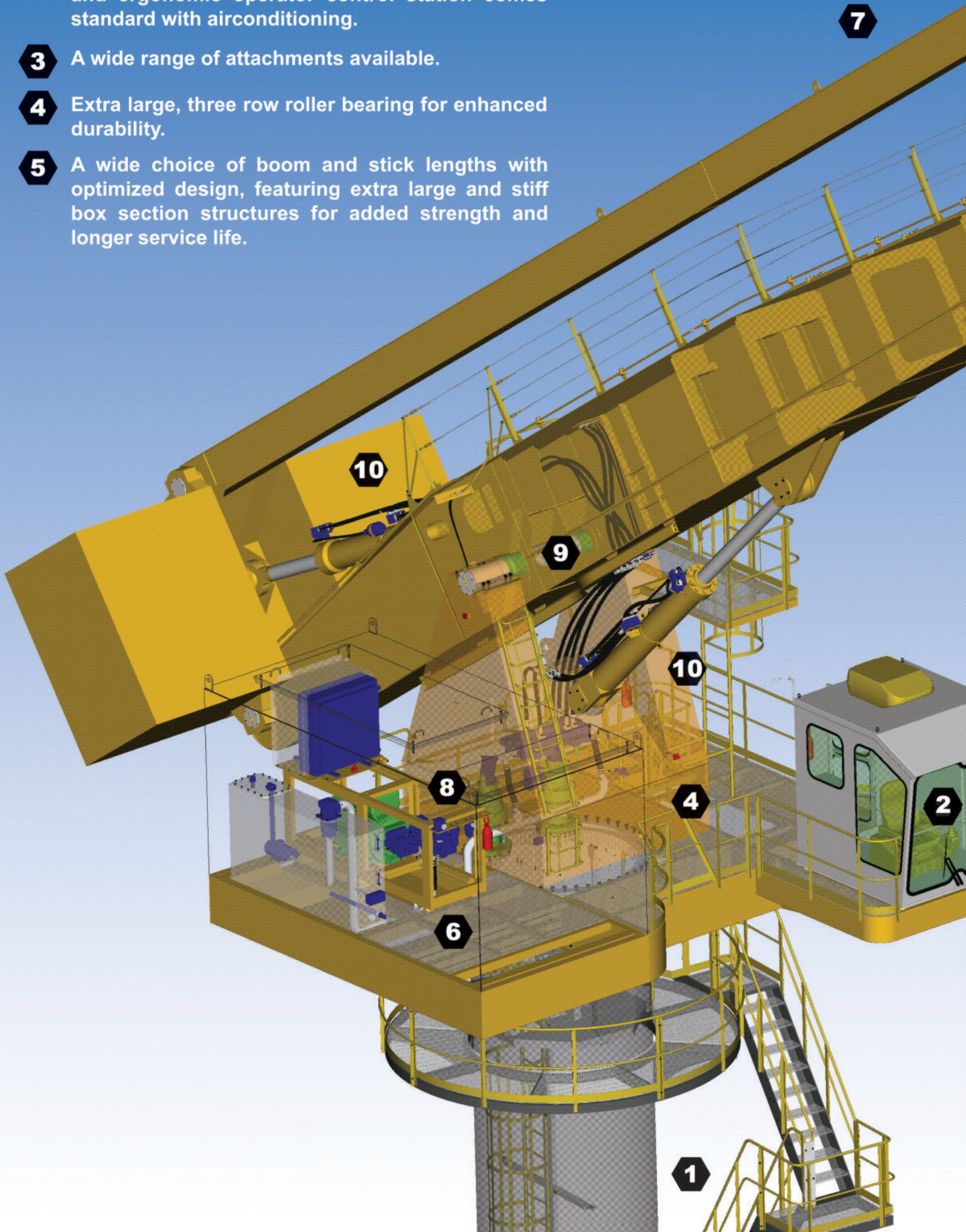
**1** A wide variety of heavy-duty undercarriages (fixed, free-standing, crawler, rail and rubber tire versions available).

**2** Quiet, comfortable cab with excellent visibility and ergonomic operator control station comes standard with airconditioning.

**3** A wide range of attachments available.

**4** Extra large, three row roller bearing for enhanced durability.

**5** A wide choice of boom and stick lengths with optimized design, featuring extra large and stiff box section structures for added strength and longer service life.





# E-Crane<sup>®</sup> Concept

Transparency & Simplicity : our way... your benefit !

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- 6 Fully enclosed power module with excellent access to all service points providing simplified maintenance thus saving time and money.
- 7 Maintenance free mechanical link between stick and the moving counterweight assures crane remains in a near balanced condition throughout its operating range - forever !
- 8 Hydraulic pumps only circulate fluid when called for by the operator providing increased energy efficiency and reduced heat in the hydraulic system.
- 9 Oversized pins and bushings in combination with our central lubrication system : minimizing bearing pressures and maximizing bushing and pin life.
- 10 Two identical large-bore cylinders, featuring oversized spherical bearings and through-hardened steel bushings to ensure optimum service life.

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2000 Series : 2x18450B GA-E



700 Series : 4264 PD-E



1500 Series : 9359B PD-E



2000 Series : 18264 PD-E

North & South America :

**E-Crane International USA**

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USA

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Fax : +1 (419) 468-0074

Website : [www.ecrane-usa.com](http://www.ecrane-usa.com)



# E-Crane® Projects

Customer satisfaction guaranteed !



1500 Series : 11264 PD-E  
2000 Series : 18264 PD-E



700 Series : 4248 PD-E

All other countries :

## E-Crane International EUR

Argon 15G  
4751 XC Oud Gastel  
The Netherlands

Phone : +31 (0) 165-320100  
Fax : +31 (0) 165-320759  
Website : [www.ecrane.eu](http://www.ecrane.eu)



1500 Series : 11264 GA-E

Your Local Agent :

# Product Range

Custom engineered to meet customer requirements



| 700 SERIES | Model  | Maximum Outreach |          | Capacity Duty Cycle |          | Capacity Lift Mode |         |
|------------|--------|------------------|----------|---------------------|----------|--------------------|---------|
|            | 4248   | 24,8 m           | 81.5 ft  | 5,5 Mton            | 6.0 USt  | 6,5 Mton           | 7.0 USt |
| 4264       | 26,4 m | 86.5 ft          | 5,5 Mton | 6.0 USt             | 6,5 Mton | 7.0 USt            |         |
| 6317       | 31,7 m | 104.0 ft         | 7,5 Mton | 8.3 USt             | 9,0 Mton | 9.9 USt            |         |

| 1000 B-SERIES | Model | Maximum Outreach |          | Capacity Duty Cycle |          | Capacity Lift Mode |          |
|---------------|-------|------------------|----------|---------------------|----------|--------------------|----------|
|               | 7248  | 24,8 m           | 81.5 ft  | 9,1 Mton            | 10.0 USt | 12,0 Mton          | 13.2 USt |
|               | 7264  | 26,4 m           | 86.5 ft  | 9,1 Mton            | 10.0 USt | 12,0 Mton          | 13.2 USt |
|               | 7290  | 29,0 m           | 95.0 ft  | 10,0 Mton           | 11.0 USt | 13,6 Mton          | 15.0 USt |
|               | 7317  | 31,7 m           | 104.0 ft | 10,0 Mton           | 11.0 USt | 13,6 Mton          | 15.0 USt |
|               | 7359  | 35,9 m           | 117.5 ft | 10,0 Mton           | 11.0 USt | 13,0 Mton          | 14.3 USt |
|               | 7382  | 38,2 m           | 125.5 ft | 10,0 Mton           | 11.0 USt | 13,6 Mton          | 15.0 USt |
|               | 7421  | 42,1 m           | 138.0 ft | 10,0 Mton           | 11.0 USt | 11,0 Mton          | 12.1 USt |
|               | 7450  | 45,0 m           | 147.6 ft | 10,0 Mton           | 11.0 USt | 11,0 Mton          | 12.1 USt |

| 1500 B-SERIES | Model | Maximum Outreach |          | Capacity Duty Cycle |          | Capacity Lift Mode |          |
|---------------|-------|------------------|----------|---------------------|----------|--------------------|----------|
|               | 11248 | 24,8 m           | 81.5 ft  | 17,0 Mton           | 18.7 USt | 19,0 Mton          | 20.9 USt |
|               | 11264 | 26,4 m           | 86.5 ft  | 16,5 Mton           | 18.2 USt | 19,0 Mton          | 20.9 USt |
|               | 10290 | 29,0 m           | 95.0 ft  | 14,0 Mton           | 15.4 USt | 15,5 Mton          | 17.1 USt |
|               | 9317  | 31,7 m           | 104.0 ft | 14,0 Mton           | 15.4 USt | 15,5 Mton          | 17.1 USt |
|               | 9359  | 35,9 m           | 117.5 ft | 12,5 Mton           | 13.8 USt | 13,5 Mton          | 14.9 USt |
|               | 9382  | 38,2 m           | 125.5 ft | 12,0 Mton           | 13.2 USt | 13,9 Mton          | 14.9 USt |

| 2000 B-SERIES | Model  | Maximum Outreach |           | Capacity Duty Cycle |           | Capacity Lift Mode |          |
|---------------|--------|------------------|-----------|---------------------|-----------|--------------------|----------|
|               | 18264  | 26,4 m           | 86.5 ft   | 24,0 Mton           | 26.5 USt  | 27,0 Mton          | 30.0 USt |
|               | 16290  | 29,0 m           | 95.0 ft   | 20,0 Mton           | 22.0 USt  | 25,0 Mton          | 27.5 USt |
|               | 15317  | 31,7 m           | 104.0 ft  | 20,0 Mton           | 22.0 USt  | 25,0 Mton          | 27.5 USt |
|               | 14359  | 35,9 m           | 117.5 ft  | 17,0 Mton           | 18.7 USt  | 21,0 Mton          | 23.1 USt |
|               | 17359  | 35,9 m           | 117.5 ft  | 21,0 Mton           | 23.1 USt  | 28,0 Mton          | 30.8 USt |
|               | 13382  | 38,2 m           | 125.5 ft  | 16,0 Mton           | 17.6 USt  | 20,0 Mton          | 22.0 USt |
|               | 16382  | 38,2 m           | 125.5 ft  | 20,0 Mton           | 22.0 USt  | 24,0 Mton          | 26.4 USt |
|               | 21382  | 38,2 m           | 125.5 ft  | 30,0 Mton           | 33.0 USt  | 40,0 Mton          | 44.0 USt |
|               | 19421  | 42,1 m           | 138.0 ft  | 25,0 Mton           | 27.5 USt  | 33,0 Mton          | 36.3 USt |
| 18450         | 45,0 m | 147.6 ft         | 24,5 Mton | 27.0 USt            | 29,0 Mton | 32.0 USt           |          |

| 3000 B-SERIES | Model | Maximum Outreach |          | Capacity Duty Cycle |          | Capacity Lift Mode |          |
|---------------|-------|------------------|----------|---------------------|----------|--------------------|----------|
|               | 26317 | 31,7 m           | 104.0 ft | 34,0 Mton           | 37.4 USt | 40,0 Mton          | 44.0 USt |
|               | 23359 | 35,9 m           | 117.5 ft | 30,0 Mton           | 33.0 USt | 40,0 Mton          | 44.0 USt |
|               | 30382 | 38,2 m           | 125.5 ft | 39,0 Mton           | 42.9 USt | 45,0 Mton          | 49.5 USt |
|               | 27450 | 45,0 m           | 147.6 ft | 36,0 Mton           | 39.6 USt | 43,0 Mton          | 47.3 USt |
|               | 26478 | 47,8 m           | 156.8 ft | 33,0 Mton           | 36.3 USt | 40,0 Mton          | 44.0 USt |