

SCRAP HANDLING

E-Crane™ Projects

Customer satisfaction guaranteed !



1000 Series : 7248 GA-E



1000 Series : 7317 CR-D



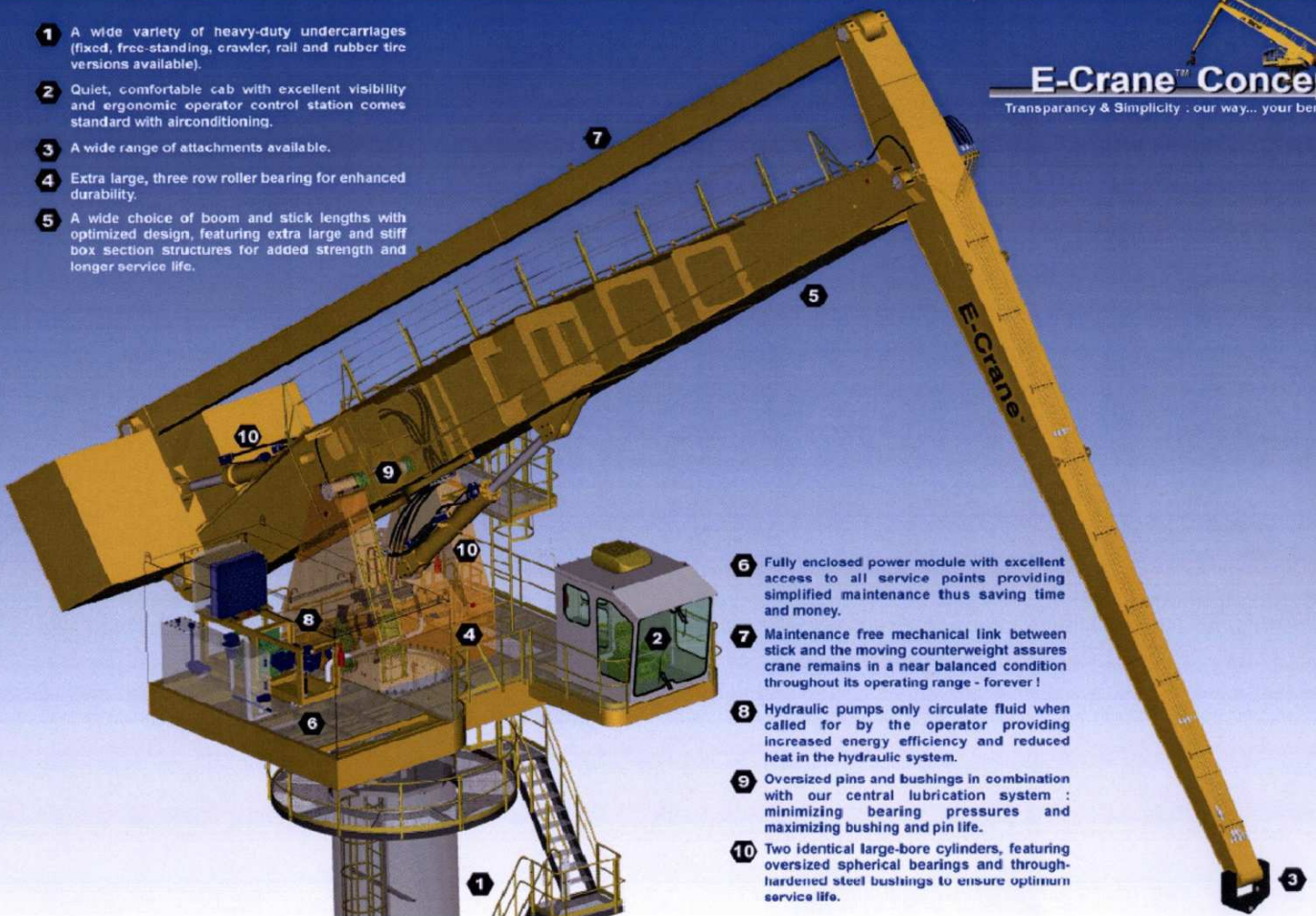
1500 Series : 10264 CR-D



E-Crane™ Concept

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

- 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.



- 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.



Product Range

Custom engineered to meet customer requirements

700 SERIES

Type	Maximum Outreach	Capacity Duty Cycle	Capacity Lift Mode
4198	19,8 m / 65 ft	5,5 Mton / 6.0 USton	6,5 Mton / 7.0 USton
4208	20,8 m / 68 ft	5,5 Mton / 6.0 USton	6,5 Mton / 7.0 USton
4248	24,8 m / 81.5 ft	5,5 Mton / 6.0 USton	6,5 Mton / 7.0 USton
4264	26,4 m / 86.5 ft	5,5 Mton / 6.0 USton	6,5 Mton / 7.0 USton
6317	31,7 m / 104 ft	7,5 Mton / 8.3 USton	9 Mton / 9.9 USton

1000 SERIES

Type	Maximum Outreach	Capacity Duty Cycle	Capacity Lift Mode
7248	24,8 m / 81.5 ft	9,1 Mton / 10 USton	12 Mton / 13.2 USton
7264	26,4 m / 86.5 ft	9,1 Mton / 10 USton	12 Mton / 13.2 USton
7317	31,7 m / 104 ft	10 Mton / 11 USton	13,6 Mton / 15 USton
7382	38,2 m / 125.5 ft	10 Mton / 11 USton	13,6 Mton / 15 USton

1500 SERIES

Type	Maximum Outreach	Capacity Duty Cycle	Capacity Lift Mode
10248	24,8 m / 81.5 ft	15 Mton / 16.5 USton	19 Mton / 20.9 USton
10264	26,4 m / 86.5 ft	15 Mton / 16.5 USton	19 Mton / 20.9 USton
11264	26,4 m / 86.5 ft	15 Mton / 16.5 USton	18 Mton / 19.8 USton
9317	31,7 m / 104 ft	12,7 Mton / 14 USton	15,5 Mton / 17 USton
8359	35,9 m / 117.5 ft	9,5 Mton / 10.5 USton	13,2 Mton / 14.5 USton
9359	35,9 m / 117.5 ft	10,9 Mton / 12 USton	13,6 Mton / 15 USton

2000 SERIES

Type	Maximum Outreach	Capacity Duty Cycle	Capacity Lift Mode
18264	26,4 m / 86.5 ft	24 Mton / 26.5 USton	27 Mton / 30 USton
15317	31,7 m / 104 ft	20 Mton / 22 USton	25 Mton / 27.5 USton
14359	35,9 m / 117.5 ft	17 Mton / 18.7 USton	21 Mton / 23.1 USton
17359	35,9 m / 117.5 ft	21 Mton / 23.1 USton	28 Mton / 30.8 USton
13382	38,2 m / 125.5 ft	16 Mton / 17.6 USton	20 Mton / 22 USton
16382	38,2 m / 125.5 ft	20 Mton / 22 USton	24 Mton / 26.4 USton
21382	38,2 m / 125.5 ft	27 Mton / 29.7 USton	32 Mton / 35.2 USton
18450	45 m / 147.6 ft	24,5 Mton / 27 USton	29 Mton / 32 USton

3000 SERIES

Type	Maximum Outreach	Capacity Duty Cycle	Capacity Lift Mode
26317	31,7 m / 104 ft	34 Mton / 37.4 USton	40 Mton / 44 USton
30382	38,2 m / 125.5 ft	39 Mton / 42.9 USton	45 Mton / 49.5 USton
27450	45 m / 147.6 ft	36 Mton / 39.6 USton	43 Mton / 47.3 USton

E-Crane®

The equilibrium crane, more easily referred to as the E-Crane®, is a truly revolutionary and multifunctional crane for heavy-duty material handling applications. Designed for bulk material handling, storage, process feeding at ports, harbors, scrap-processing facilities, any where high production handling of bulk materials is required, the E-Crane® is especially well suited for heavy-duty production cycles and difficult working conditions. The E-Crane® features an unprecedented reach of up to 45 meters, lifting capacities of over 40 tons, push down force equal to 50% of the rated capacity, and significantly reduced power consumption and operating costs.



The E-Crane® design is based on an ingenious parallelogram style boom that provides a direct mechanical connection between the counterweight and the load. This unique system ensures near perfect balance throughout its full working range. Compared to conventional cranes that require as much as 80% of their available energy just to move the boom, stick, and grab, the E-Crane® principal results in significantly lower maintenance and lower operating costs. Simply put, the E-Crane® is designed to move more material faster, farther, and for less money than conventional cranes.



While the basic design of the E-Crane® inherently keeps maintenance costs low, further thought was given to keep the components simple and easy to maintain. This is best demonstrated by the fact that both counterweight and boom cylinders are identical, making spare parts inventories less costly.

(image left: Boom Cilinder)

The power module is located in an easily accessible, walk-in compartment, making the use of ladders or scaffolding unnecessary. Low pressure hydraulics, oversize bearings, and an automatic lubrication system assure a long working life. The E-Crane® utilizes only top quality components supplied by leading manufacturers to assure reliability and worldwide parts and service support.

(Image right: Counter Weight)



A family of standard upper structures allow our engineers to tailor make a machine for the particular needs of a customer while at the same time realizing the benefits of standard / series built components. We offer a complete material handling solution built around the E-Crane®.

E-Crane®: More production and lower operating costs. Choosing the right crane just becomes a whole lot easier.

