



# NATIONAL CRANE

**571E2**

**PRODUCT DESCRIPTION**

The 500E2 from National Crane offers an 18 ton capacity, three mounting configurations and two basic boom and jib combinations. A state-of-the art hydraulic system provides the smoothest operation in the market.

**FEATURES**

- Three-section boom
- 18 ton maximum capacity
- 71 ft. maximum boom extension
- 121 ft. max tip height
- Internal anti-two-block
- Easy Glide wear pads
- Hydraulic Capacity Alert System (HCAS)
- Heavy-duty piston pump hydraulic system
- Proportional boom extension
- High Performance planetary winch

**ACCESSORIES**

- Radio Remote Controls
- Heavy-duty Personnel Basket
- Hydraulic Oil Cooler
- Steel Tool Box Options
- Bulkhead Options

**MODEL 571E2**

Equipped with a 27-71 ft. (8.23-21.65 m) three-section boom. This model can be equipped with a 23-41 ft. (7.01-12.50 m) two-section jib. Maximum tip height w/41 ft. (12.50 m) jib is 121 ft. (36.9 m).



571E2 on FL M2106V 6X6



Rear View



Rear View

**Load Rating Chart: Series 571E2 (21.6 m) Boom with 41 ft. (12.5 m) Jib**

**LOAD RATINGS IN POUNDS**

| LOAD RADIUS (FEET) | LOADED BOOM ANGLE | 27 FT BOOM | LOADED BOOM ANGLE | A 35 FT BOOM | LOADED BOOM ANGLE | B 44 FT BOOM | LOADED BOOM ANGLE | C 53 FT BOOM | LOADED BOOM ANGLE | D 62 FT BOOM | LOADED BOOM ANGLE | 71 FT BOOM | LOAD RADIUS (FEET) | LOADED BOOM ANGLE | 23 FT JIB | LOADED BOOM ANGLE | 41 FT JIB |
|--------------------|-------------------|------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|-------------------|------------|--------------------|-------------------|-----------|-------------------|-----------|
| 5                  | 77.5              | 36,000     |                   |              |                   |              |                   |              |                   |              |                   |            | 20                 | 77                | 3,400     |                   |           |
| 8                  | 70.5              | 24,050     | 75.5              | 20,100       |                   |              |                   |              |                   |              |                   |            | 25                 | 74.3              | 2,900     | 77.3              | 2,050     |
| 10                 | 66                | 18,900     | 72                | 16,800       | 76.5              | 16,300       | 79.5              | 16,050       |                   |              |                   |            | 30                 | 70.6              | 2,450     | 74.5              | 1,800     |
| 12                 | 61                | 15,650     | 68.5              | 14,400       | 73.5              | 13,950       | 77                | 13,700       |                   |              |                   |            | 35                 | 67.5              | 2,100     | 72.2              | 1,550     |
| 14                 | 56                | 13,650     | 64.5              | 12,600       | 71                | 12,200       | 75                | 11,950       | 77.5              | 11,750       |                   |            | 40                 | 64.1              | 1,800     | 69.5              | 1,400     |
| 16                 | 50.5              | 12,000     | 61                | 11,150       | 68                | 10,800       | 72.5              | 10,550       | 75.5              | 10,400       | 78                | 9,350      | 45                 | 60.3              | 1,600     | 66.4              | 1,200     |
| 20                 | 37.5              | 9,350      | 53                | 9,000        | 62                | 8,750        | 68                | 8,550        | 72                | 8,400        | 75                | 7,750      | 50                 | 57.5              | 1,450     | 63.4              | 1,050     |
| 25                 | 14                | 5,700      | 41                | 7,000        | 55                | 6,950        | 62                | 6,850        | 67                | 6,700        | 70.5              | 6,500      | 55                 | 53.8              | 1,250     | 60.9              | 950       |
| 30                 |                   |            | 26.5              | 5,200        | 46                | 5,660        | 55.5              | 5,650        | 62                | 5,550        | 66.5              | 5,450      | 60                 | 49.8              | 1,100     | 57.8              | 850       |
| 35                 |                   |            |                   |              | 35.5              | 4,500        | 48.5              | 4,700        | 56.5              | 4,650        | 61.5              | 4,550      | 65                 | 46                | 950       | 55.2              | 750       |
| 40                 |                   |            |                   |              | 20                | 3,200        | 40.5              | 3,850        | 50.5              | 3,950        | 57                | 3,850      | 70                 | 41.6              | 850       | 51.7              | 600       |
| 45                 |                   |            |                   |              |                   |              | 30.5              | 3,100        | 43.5              | 3,300        | 51.5              | 3,300      | 75                 | 36.6              | 750       | 48.1              | 500       |
| 50                 |                   |            |                   |              |                   |              | 14                | 2,000        | 36                | 2,750        | 46                | 2,800      | 80                 | 31                | 650       |                   |           |
| 55                 |                   |            |                   |              |                   |              |                   |              | 26                | 2,150        | 39.5              | 2,350      |                    |                   |           |                   |           |
| 60                 |                   |            |                   |              |                   |              |                   |              |                   |              | 32                | 1,950      |                    |                   |           |                   |           |
| 65                 |                   |            |                   |              |                   |              |                   |              |                   |              | 22.5              | 1,400      |                    |                   |           |                   |           |
|                    | 0                 | 3,500      | 0                 | 2,200        | 0                 | 1,350        | 0                 | 900          | 0                 | 500          |                   |            |                    |                   |           |                   |           |

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE. The individual crane's load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.



3112 E State Rd 124  
Bluffton, IN 46714  
USA

T. 1-800-252-0043  
P. 1-260-824-6340  
F. 1-260-824-6350

nesco@nescosales.com  
www.nescosales.com  
An American Company

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