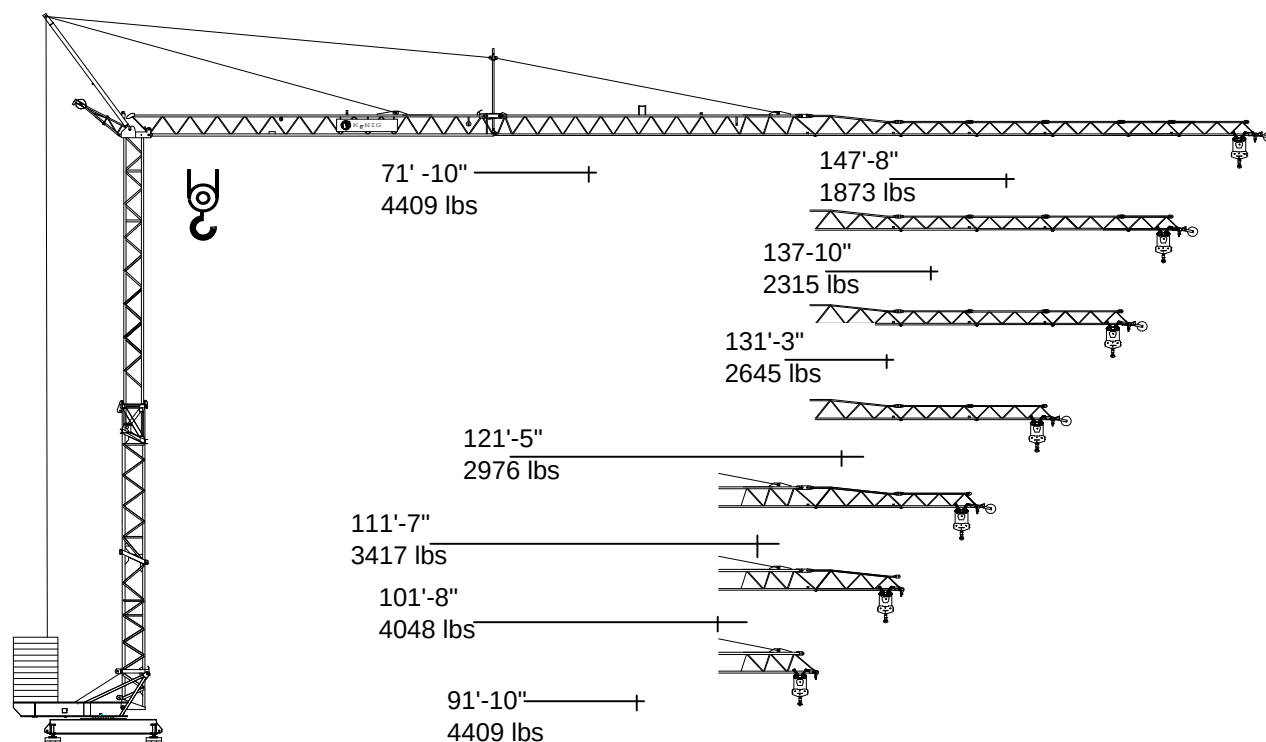




# Turmdrehkran K 70

## Self-erecting Crane



The crane system with  
quality  
in every detail



DIN 15018 - H1 - B3

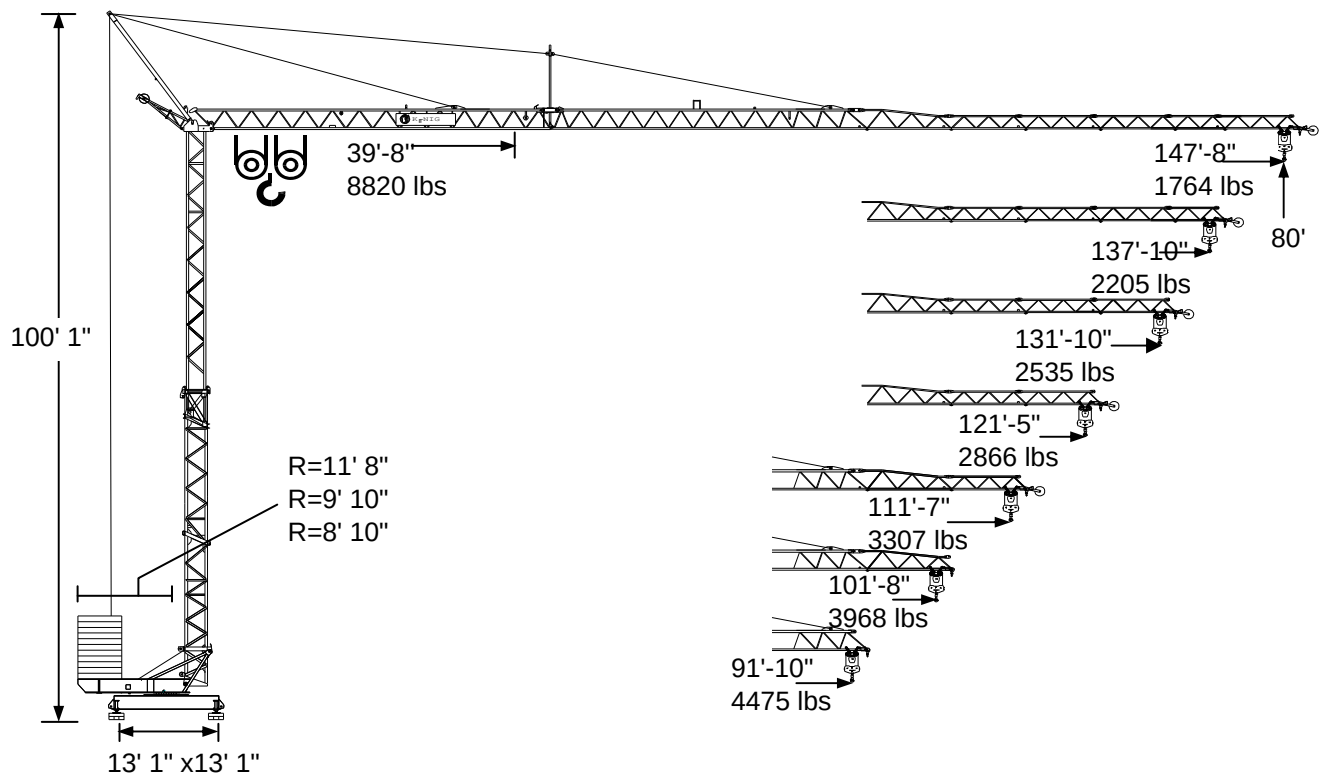
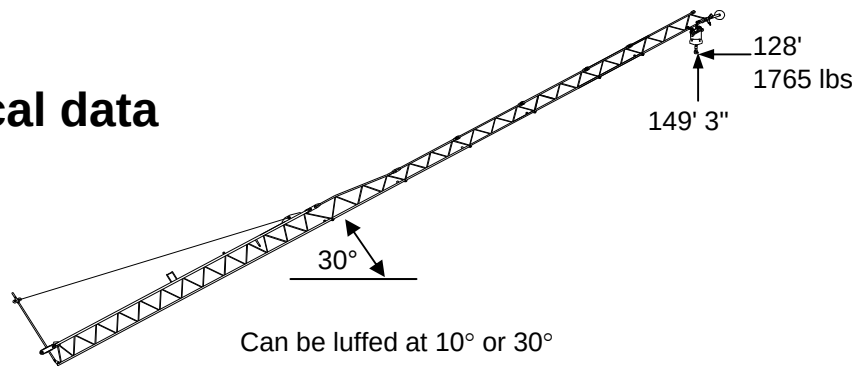


**KÖNIG-KRANE®**



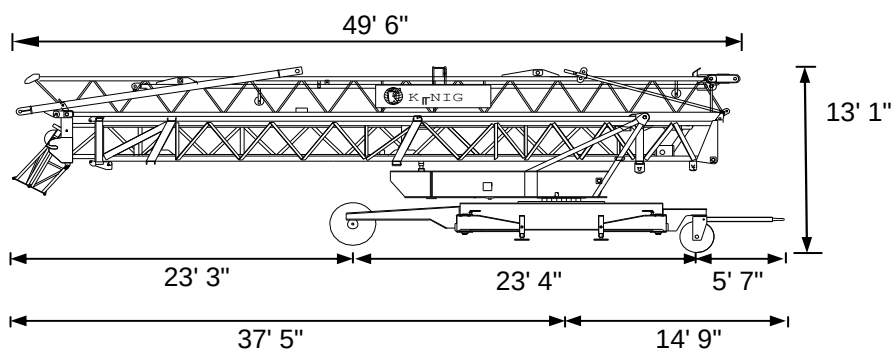
# K70

## Technical data



|  | In service | Out of service |
|-------------------------------------------------------------------------------------|------------|----------------|
| Reactions                                                                           | 62,832 lbs | 52,250 lbs     |

## Transport





# K70

Technical data

## Radius and capacity

| Radius |    | max capacity     |    | ft x lbs |      |      |      |      |      |      |      |      |      |      |      |
|--------|----|------------------|----|----------|------|------|------|------|------|------|------|------|------|------|------|
| ft     | 0° | T                | ft | 59       | 65   | 72   | 78   | 85   | 91   | 101  | 111  | 121  | 131  | 137  | 147  |
|        |    | 2.2              | 71 | 4410     | 4410 | 4385 | 3960 | 3605 | 3305 | 2930 | 2630 | 2375 | 2160 | 2040 | 1875 |
| 30°    |    | Radius (ft)      |    | 52       | 58   | 63   | 69   | 75   | 80   | 89   | 97   | 106  | 114  | 120  | 129  |
| 30°    |    | Hook Height (ft) |    | 105      | 109  | 110  | 115  | 118  | 120  | 127  | 132  | 137  | 141  | 145  | 150  |
| 10°    |    | Radius (ft)      |    | 58       | 65   | 71   | 78   | 84   | 91   | 100  | 110  | 120  | 129  | 136  | 145  |
| 10°    |    | Hook Height (ft) |    | 88       | 89   | 90   | 92   | 93   | 94   | 95   | 97   | 99   | 100  | 102  | 103  |

| Radius |    | max capacity |      | ft x lbs |      |      |      |      |      |      |      |      |      |      |      |
|--------|----|--------------|------|----------|------|------|------|------|------|------|------|------|------|------|------|
| ft     | 0° | T            | ft   | 42       | 52   | 62   | 72   | 82   | 91   | 101  | 111  | 121  | 131  | 137  | 147  |
| 148    |    | 2.2          | 72   | 4410     | 4410 | 4410 | 4410 | 3710 | 3240 | 2865 | 2560 | 2310 | 2095 | 1975 | 1810 |
|        |    | 4.4          | 40   | 8060     | 6265 | 5100 | 4275 | 3665 | 3195 | 2820 | 2520 | 2265 | 2050 | 1930 | 1765 |
| 138    |    | 2.2          | 79   | 4410     | 4410 | 4410 | 4410 | 4185 | 3660 | 3245 | 2905 | 2625 | 2390 | 2250 |      |
|        |    | 4.4          | 44   | 8820     | 7050 | 5740 | 4825 | 4240 | 3620 | 3200 | 2860 | 2580 | 2345 | 2205 |      |
| 131    |    | 2.2          | 85   | 4410     | 4410 | 4410 | 4410 | 4410 | 3940 | 3495 | 3135 | 2830 | 2580 |      |      |
|        |    | 4.4          | 46   | 8820     | 7565 | 6170 | 5185 | 4460 | 3900 | 3450 | 3090 | 2790 | 2535 |      |      |
| 121    |    | 2.2          | 87   | 4410     | 4410 | 4410 | 4410 | 4410 | 4045 | 3590 | 3220 | 2910 |      |      |      |
|        |    | 4.4          | 47   | 8820     | 7755 | 6325 | 5320 | 4575 | 4000 | 3545 | 3175 | 2865 |      |      |      |
| 111    |    | 2.2          | 90   | 4410     | 4410 | 4410 | 4410 | 4410 | 4210 | 3735 | 3350 |      |      |      |      |
|        |    | 4.4          | 49   | 8820     | 8060 | 6575 | 5535 | 4760 | 4165 | 3695 | 3310 |      |      |      |      |
| 101    |    | 2.2          | 95   | 4410     | 4410 | 4410 | 4410 | 4410 | 4410 | 4010 |      |      |      |      |      |
|        |    | 4.4          | 52   | 8820     | 8625 | 7045 | 5935 | 5110 | 4475 | 3970 |      |      |      |      |      |
| 91     |    | 2.2          | 93   | 4410     | 4410 | 4410 | 4410 | 4410 | 4410 |      |      |      |      |      |      |
|        |    | 4.4          | 51.5 | 8820     | 8030 | 6635 | 5635 | 4880 | 4475 |      |      |      |      |      |      |

## Speeds

|  | Step   | ft/min.  | lbs         | kW  |
|--|--------|----------|-------------|-----|
|  | 1      | 20 - 10  | 4400 - 8800 | 3.5 |
|  | 2      | 78 - 39  | 4400 - 8800 | 9   |
|  | 3      | 157 - 78 | 2425 - 4400 | 11  |
|  | 1      | 65       |             | 1.1 |
|  | 2      | 131      |             | 1.5 |
|  | 0-0.75 | sl./min. |             | 3.0 |

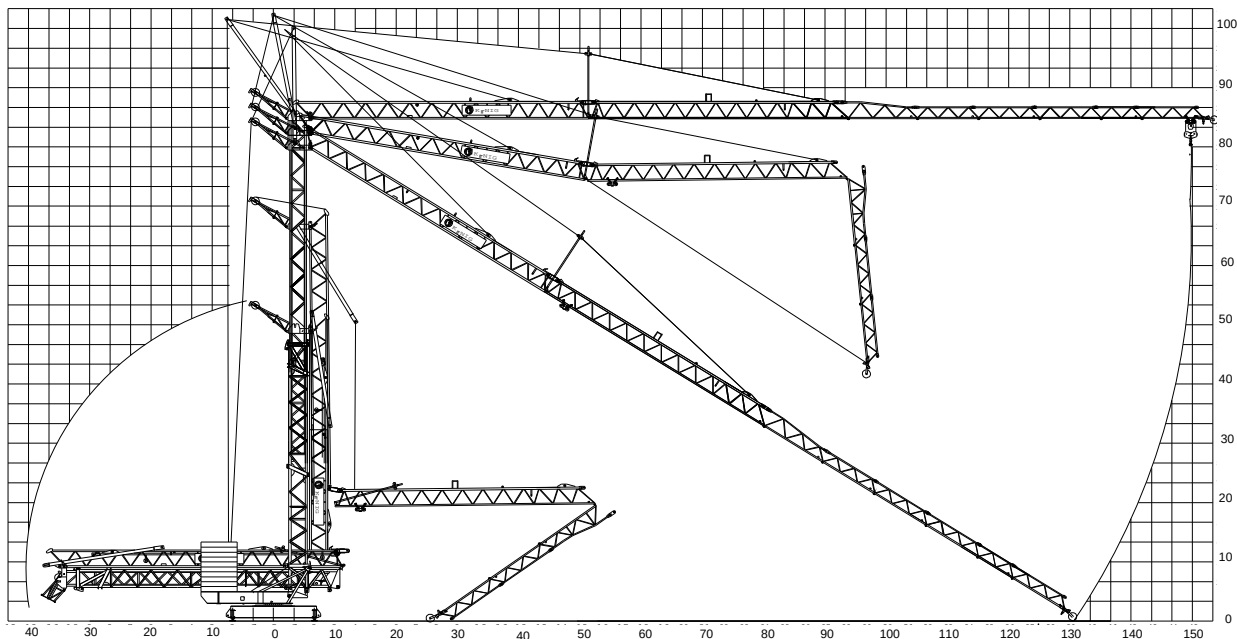
Cross section of cable up to  
5x10<sup>2</sup>Operation voltage  
460 VFrequency  
60 HzPower requirement  
13.2 kVA (14.7 KW)



# K 70

Technical Data

## Erection



## Weights

|                     |            |            |                          |            |
|---------------------|------------|------------|--------------------------|------------|
| Dead weight approx. |            | 38,360 lbs | Transport weight approx. | 41,667 lbs |
| Counterweight       | R = 11'-8" | 61,619 lbs |                          |            |
|                     | R = 9'-10" | 72,642 lbs |                          |            |
|                     | R = 8'-10" | 78,815 lbs |                          |            |

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