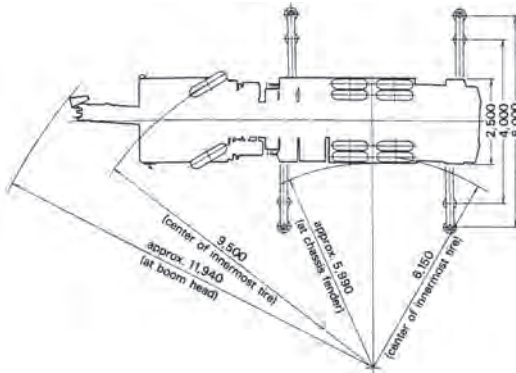
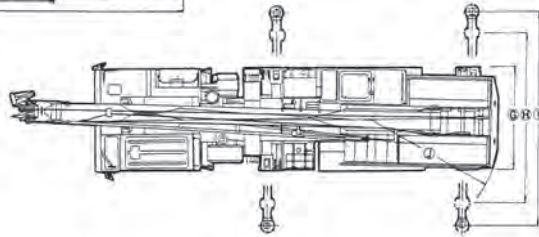
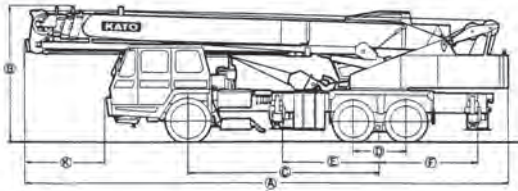


# Kato NK-250E-III

## Dimensions

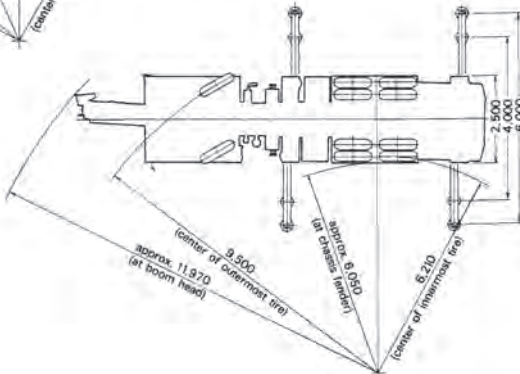
**25**  
Tonne

Truck Mounted  
Cranes



Mitsubishi K203LA

Nissan Diesel KW30MXL



## Hookblock

|          |      |      |
|----------|------|------|
| Capacity | 25   | 3    |
| Weight   | 0.28 | 0.06 |

| Carrier name and model | A      | B     | C     | D     | E     | F     | G     | H     | I     | J     | K     |
|------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mitsubishi K203BLA     | 11,930 | 3,300 | 4,700 | 1,300 | 2,400 | 2,200 | 2,500 | 4,000 | 6,000 | 3,215 | 2,100 |
| Nissan Diesel KW30MXL  | 11,930 | 3,300 | 4,600 | 1,300 | 2,450 | 2,450 | 2,500 | 4,000 | 6,000 | 3,215 | 1,950 |

(Unit: mm)

The charts that have been included have been reproduced from manufacturer specifications, and while every effort has been made to ensure their accuracy, we do not accept any responsibility for errors or omissions. We also need to draw your attention to the guidance notes on page 48 to assist you with your crane selection.

# Kato NK-250E-III

## Main Boom Duties

| Working Radius (m) | With fully extended outriggers - over side and over rear |            |          |            |          |            |          |
|--------------------|--|------------|----------|------------|----------|------------|----------|
|                    | 10m Boom   | 13.5m Boom | 17m Boom | 20.5m Boom | 24m Boom | 27.5m Boom | 31m Boom |
| 2.5                | 25.00  | 17.50      | 14.50    |            |          |            |          |
| 3.0                | 25.00  | 17.50      | 14.50    | 9.50       |          |            |          |
| 3.5                | 20.60  | 17.50      | 14.50    | 9.50       | 7.50     |            |          |
| 4.0                | 18.00  | 17.50      | 14.50    | 9.50       | 7.50     | 6.50       |          |
| 4.5                | 16.30  | 15.80      | 14.50    | 9.50       | 7.50     | 6.50       |          |
| 5.0                | 14.85  | 14.40      | 13.25    | 9.50       | 7.50     | 6.50       | 6.00     |
| 5.5                | 13.65  | 13.25      | 12.20    | 9.50       | 7.50     | 6.50       | 6.00     |
| 6.0                | 12.30  | 12.20      | 11.30    | 9.50       | 7.50     | 6.50       | 6.00     |
| 6.5                | 11.20  | 11.00      | 10.50    | 9.50       | 7.50     | 6.50       | 6.00     |
| 7.0                | 10.25  | 10.00      | 9.80     | 8.80       | 7.50     | 6.50       | 6.00     |
| 7.5                | 9.40   | 9.20       | 9.10     | 8.30       | 7.50     | 6.50       | 6.00     |
| 8.0                | 8.65   | 8.45       | 8.35     | 7.80       | 7.00     | 6.10       | 5.65     |
| 8.3                | 8.25   | 8.05       | 7.95     | 7.50       | 6.75     | 5.90       | 5.45     |
| 9.0                |  | 7.20       | 7.10     | 6.95       | 6.25     | 5.45       | 5.05     |
| 9.5                |  | 6.65       | 6.50     | 6.55       | 5.90     | 5.20       | 4.80     |
| 10.0               |  | 6.00       | 5.90     | 6.20       | 5.60     | 4.95       | 4.60     |
| 11.0               |  | 5.00       | 4.85     | 5.25       | 5.00     | 4.50       | 4.20     |
| 11.8               |  | 4.30       | 4.20     | 4.60       | 4.65     | 4.15       | 3.95     |
| 12.0               |  |            | 4.10     | 4.45       | 4.60     | 4.10       | 3.90     |
| 14.0               |  |            | 2.90     | 3.25       | 3.40     | 3.50       | 3.35     |
| 15.3               |  |            | 2.30     | 2.70       | 2.85     | 3.00       | 3.00     |
| 16.0               |  |            |          | 2.40       | 2.60     | 2.75       | 2.85     |
| 18.0               |  |            |          | 1.75       | 1.95     | 2.10       | 2.15     |
| 18.8               |  |            |          | 1.50       | 1.75     | 1.90       | 1.95     |
| 20.0               |  |            |          |            | 1.45     | 1.60       | 1.70     |
| 22.0               |  |            |          |            | 1.10     | 1.20       | 1.30     |
| 22.3               |  |            |          |            | 1.00     | 1.15       | 1.25     |
| 24.0               |  |            |          |            |          | 0.90       | 0.95     |
| 25.8               |  |            |          |            |          | 0.65       | 0.75     |
| 28.0               |  |            |          |            |          |            | 0.50     |
| 29.3               |  |            |          |            |          |            | 0.40     |

# Kato NK-250E-III

## Main Boom Duties

| Working Radius (m) | With intermediately extended outriggers - 360° full range |       |       |       |      |       |      |
|--------------------|---|-------|-------|-------|------|-------|------|
|                    | With fully extended outriggers - over front               |       |       |       |      |       |      |
|                    | 10m   | 13.5m | 17m   | 20.5m | 24m  | 27.5m | 31m  |
|                    | Boom  | Boom  | Boom  | Boom  | Boom | Boom  | Boom |
| 2.5                | 20.00   | 17.50 | 14.50 |       |      |       |      |
| 3.0                | 20.00   | 17.50 | 14.50 | 9.50  |      |       |      |
| 3.5                | 20.00   | 17.50 | 14.50 | 9.50  | 7.50 |       |      |
| 4.0                | 16.50   | 17.50 | 14.50 | 9.50  | 7.50 | 6.50  |      |
| 4.3                | 14.40   | 14.85 | 14.50 | 9.50  | 7.50 | 6.50  |      |
| 5.0                | 10.50   | 10.50 | 10.20 | 9.50  | 7.50 | 6.50  | 6.00 |
| 5.7                | 7.90  | 7.80  | 7.60  | 7.40  | 7.50 | 6.50  | 6.00 |
| 6.0                | 7.10  | 7.00  | 6.80  | 6.80  | 7.00 | 6.50  | 6.00 |
| 6.5                | 6.00  | 5.90  | 5.65  | 5.85  | 6.15 | 6.50  | 6.00 |
| 6.6                | 5.85  | 5.70  | 5.45  | 5.70  | 6.00 | 6.30  | 6.00 |
| 7.0                | 5.20  | 5.00  | 4.80  | 5.10  | 5.35 | 5.60  | 5.50 |
| 8.3                | 3.60  | 3.40  | 3.20  | 3.60  | 3.38 | 4.00  | 4.10 |
| 9.0                |   | 2.80  | 2.65  | 3.00  | 3.25 | 3.40  | 3.50 |
| 10.0               |   | 2.10  | 1.95  | 2.30  | 2.55 | 2.75  | 2.80 |
| 11.0               |   | 1.50  | 1.35  | 1.75  | 2.00 | 2.20  | 2.30 |
| 11.8               |   | 1.15  | 1.05  | 1.40  | 1.65 | 1.85  | 1.90 |
| 13.0               |   |       | 0.65  | 0.95  | 1.20 | 1.35  | 1.50 |
| 13.5               |   |       | 0.50  | 0.80  | 1.05 | 1.20  | 1.30 |
| 14.5               |   |       |       | 0.50  | 0.80 | 0.90  | 1.05 |
| 15.0               |   |       |       |       | 0.70 | 0.80  | 0.90 |
| 16.0               |   |       |       |       | 0.45 | 0.55  | 0.70 |
| 16.5               |   |       |       |       |      | 0.45  | 0.60 |
| 17.5               |   |       |       |       |      |       | 0.40 |

**25**  
Tonne

Truck Mounted  
Cranes

**Fly Jib Duties**

| Boom Angle (°) | With fully extended outriggers - Over side and over rear |      |                    |      |                    |      |
|----------------|--|------|--------------------|------|--------------------|------|
|                | 31m boom + 8m Jib  |      |                    |      |                    |      |
|                | Offset 5°  |      | Offset 17°         |      | Offset 30°         |      |
|                | Working radius (m)                                       | Load | Working radius (m) | Load | Working radius (m) | Load |
| 80             | 8.00   | 2.75 | 8.80               | 1.95 | 10.20              | 1.35 |
| 76             | 10.50  | 2.75 | 11.50              | 1.95 | 13.00              | 1.35 |
| 75.5           | 11.00  | 2.65 | 12.00              | 1.90 | 13.50              | 1.35 |
| 70             | 14.60  | 2.07 | 15.70              | 1.53 | 16.80              | 1.15 |
| 65             | 17.70  | 1.73 | 18.80              | 1.32 | 19.60              | 1.02 |
| 60             | 20.60  | 1.50 | 21.70              | 1.15 | 22.30              | 0.90 |
| 54             | 23.80  | 1.28 | 24.80              | 1.00 | 25.40              | 0.80 |
| 50             | 25.70  | 0.94 | 26.60              | 0.90 | 27.30              | 0.75 |
| 48.5           | 26.40  | 0.84 | 27.30              | 0.80 | 27.90              | 0.73 |
| 44             | 28.30  | 0.62 | 29.10              | 0.60 | 29.80              | 0.58 |
| 40             | 30.00  | 0.48 | 30.60              | 0.45 | 31.20              | 0.44 |

| Boom Angle (°)     | With intermediately extended outriggers - 360° full range |                    |            |                    |            |      |
|--------------------|---|--------------------|------------|--------------------|------------|------|
|                    | With fully extended outriggers - over front               |                    |            |                    |            |      |
|                    | 31m boom + 8m Jib   |                    |            |                    |            |      |
|                    | Offset 5°   |                    | Offset 17° |                    | Offset 30° |      |
| Working radius (m) | Load  | Working radius (m) | Load       | Working radius (m) | Load       |      |
| 80                 | 8.00  | 2.75               | 8.80       | 1.95               | 10.20      | 1.35 |
| 76                 | 10.50   | 2.75               | 11.50      | 1.95               | 13.00      | 1.35 |
| 75.5               | 10.80   | 2.60               | 11.80      | 1.90               | 13.50      | 1.35 |
| 72                 | 12.90   | 1.77               | 14.00      | 1.60               | 15.60      | 1.15 |
| 70                 | 14.00   | 1.45               | 15.30      | 1.28               | 16.70      | 1.07 |
| 65                 | 16.90   | 0.75               | 18.20      | 0.67               | 19.50      | 0.58 |
| 61                 | 19.10   | 0.35               | 20.30      | 0.32               | 21.50      | 0.30 |