



**RT 1080**  
80t capacity class  
Rough terrain crane  
Datasheet  
metric



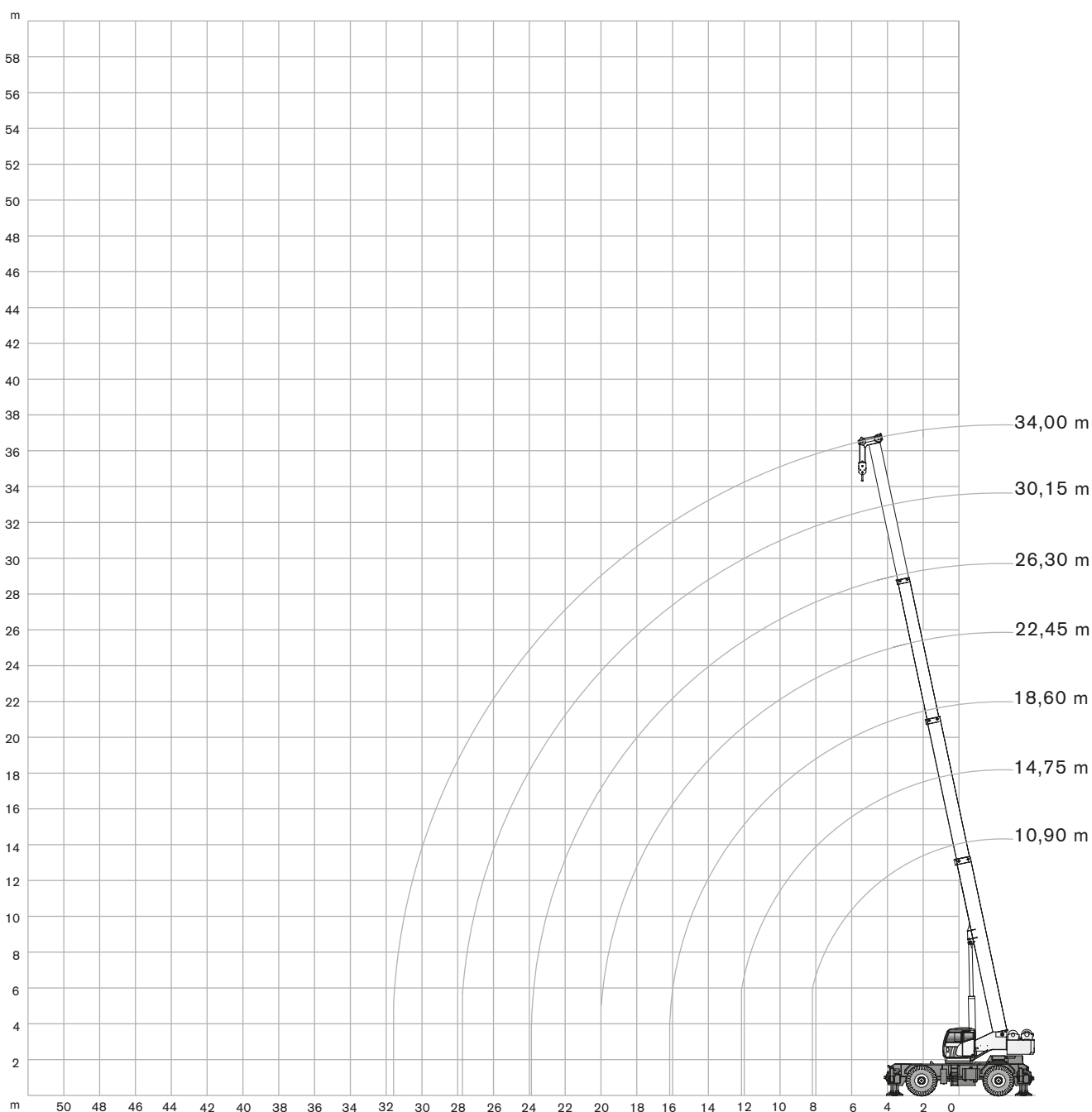
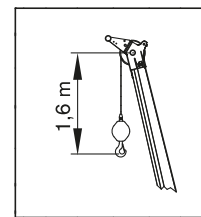
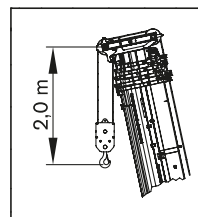
# RT 1080

**WORKS FOR YOU.™**

# RANGE GRAPH

**RT 1080**









DIAGRAMME DE CHARGE · ARBEITSBEREICH · CAMPO DI PORTATA ·  
 DIAGRAMA DE CARGA · GRÁFICO DE ALCANCE · ДИАГРАММА РАБОЧЕЙ ЗОНЫ



# LOAD CHART

# RT 1080

GRAPHIQUE DE CHARGE · TRAGLASTTABELLE · DIAGRAMMA DI CARICO ·  
TABLA DE CARGA · TABELA DE CARGA · ТАБЛИЦА НАГРУЗОК

|      |   | 8 t   |   | 7,60 x 8,0 m  |   | 360°  |   | EUROPEAN STANDARD<br>EN 13000   |      |
|------|---|---|---|---|---|---|---|---|------|
|      |  |  |  |  |  |  |  |  |      |
|      | 10,90 m   | 14,80 m   | 18,60 m   | 22,50 m   | 26,30 m   | 30,20 m   | 34,00 m   |   |      |
| m    | t   | t   | t   | t   | t   | t   | t   | t   | m    |
| 2,5  | 80,00   | -   | -   | -   | -   | -   | -   | -   | 2,5  |
| 3,0  | 75,00   | 55,15   | 37,70   | 31,80   | -   | -   | -   | -   | 3,0  |
| 3,5  | 67,60   | 54,00   | 37,65   | 32,45   | -   | -   | -   | -   | 3,5  |
| 4,0  | 63,60   | 53,05   | 37,65   | 33,15   | 28,55   | -   | -   | -   | 4,0  |
| 4,5  | 60,10   | 52,10   | 37,70   | 31,50   | 27,00   | -   | -   | -   | 4,5  |
| 5,0  | 54,90   | 51,30   | 36,00   | 29,70   | 25,70   | 20,70   | -   | -   | 5,0  |
| 6,0  | 44,30   | 44,00   | 31,90   | 26,50   | 23,30   | 18,70   | 16,00   | -   | 6,0  |
| 7,0  | 37,10   | 37,00   | 28,55   | 23,90   | 21,00   | 17,10   | 14,50   | -   | 7,0  |
| 8,0  | 29,85   | 28,90   | 25,70   | 21,70   | 19,00   | 15,60   | 13,30   | -   | 8,0  |
| 9,0  | -   | 23,40   | 23,40   | 19,90   | 17,40   | 14,40   | 12,00   | -   | 9,0  |
| 10,0 | -   | 18,70   | 17,85   | 18,30   | 16,00   | 13,30   | 11,10   | -   | 10,0 |
| 11,0 | -   | 15,70   | 14,80   | 15,55   | 14,80   | 12,40   | 10,30   | -   | 11,0 |
| 12,0 | -   | 13,40   | 12,45   | 13,15   | 13,70   | 11,60   | 9,60  | -   | 12,0 |
| 13,0 | -   | -   | 10,65   | 11,35   | 11,80   | 10,90   | 9,20  | -   | 13,0 |
| 14,0 | -   | -   | 9,90  | 9,82  | 10,30   | 10,30   | 8,50  | -   | 14,0 |
| 15,0 | -   | -   | 9,40  | 8,60  | 9,10  | 9,70  | 8,00  | -   | 15,0 |
| 16,0 | -   | -   | 8,40  | 7,60  | 8,00  | 8,30  | 7,70  | -   | 16,0 |
| 17,0 | -   | -   | -   | 6,65  | 7,10  | 7,45  | 7,00  | -   | 17,0 |
| 18,0 | -   | -   | -   | 5,90  | 6,35  | 6,65  | 6,60  | -   | 18,0 |
| 19,0 | -   | -   | -   | 5,60  | 5,70  | 6,00  | 6,30  | -   | 19,0 |
| 20,0 | -   | -   | -   | 5,30  | 5,10  | 5,35  | 5,60  | -   | 20,0 |
| 21,0 | -   | -   | -   | -   | 4,55  | 4,85  | 5,10  | -   | 21,0 |
| 22,0 | -   | -   | -   | -   | 4,10  | 4,40  | 4,60  | -   | 22,0 |
| 23,0 | -   | -   | -   | -   | 3,90  | 3,95  | 4,20  | -   | 23,0 |
| 24,0 | -   | -   | -   | -   | -   | 3,60  | 3,85  | -   | 24,0 |
| 25,0 | -   | -   | -   | -   | -   | 3,25  | 3,50  | -   | 25,0 |
| 26,0 | -   | -   | -   | -   | -   | 2,95  | 3,20  | -   | 26,0 |
| 27,0 | -   | -   | -   | -   | -   | 2,65  | 2,90  | -   | 27,0 |
| 28,0 | -   | -   | -   | -   | -   | -   | 2,65  | -   | 28,0 |
| 29,0 | -   | -   | -   | -   | -   | -   | 2,40  | -   | 29,0 |
| 30,0 | -   | -   | -   | -   | -   | -   | 2,20  | -   | 30,0 |
| 31,0 | -   | -   | -   | -   | -   | -   | 1,95  | -   | 31,0 |
| 32,0 | -   | -   | -   | -   | -   | -   | -   | -   | 32,0 |

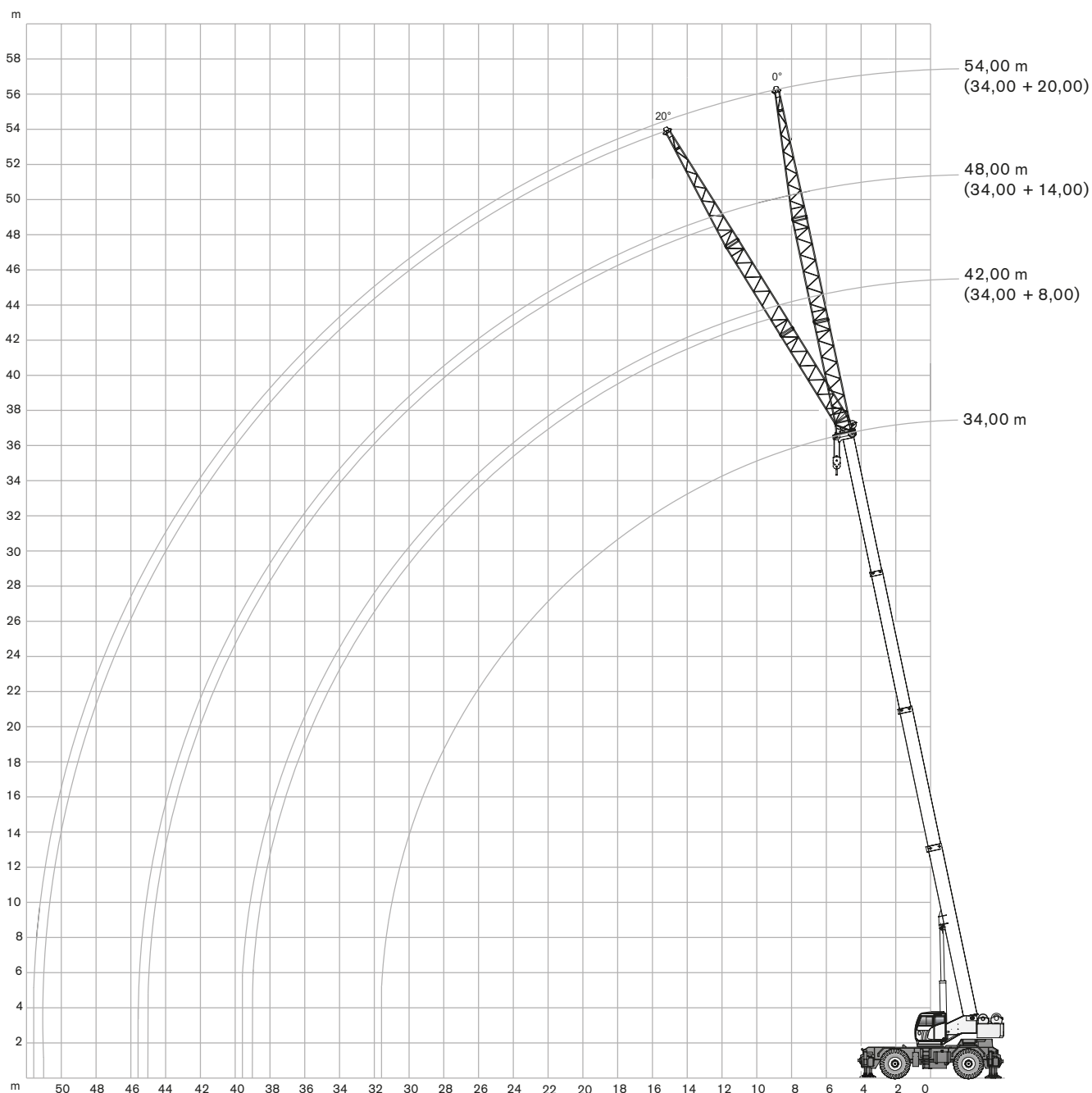
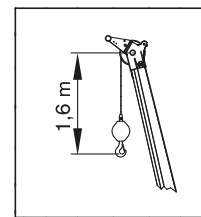
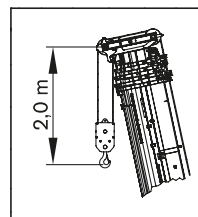
Mode 1

Mode 2

# RANGE GRAPH

**RT 1080**











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# LOAD CHART

# RT 1080

GRAPHIQUE DE CHARGE · TRAGLASTTABELLE · DIAGRAMMA DI CARICO ·  
TABLA DE CARGA · TABELA DE CARGA · ТАБЛИЦА НАГРУЗОК

|         |   |  8 t |     |  7,60 x 8,0 m |      |  360° |   | EUROPEAN STANDARD<br>EN 13000 |      |   |
|--|---|---|-----|--|------|--|---|-------------------------------|------|---|
|  34.0 m |   |   |     |  |      |  |   |                               |      |   |
|         |  | 8 m   |     |               | 14 m |  |  | 20 m                          |      |  |
|  |   | 0°  | 20° |  | 0°   | 20°  |   | 0°                            | 20°  |   |
| m  | t   | t   | t   | t  | t    | t  | t   | t                             | m    |   |
| 7,0  | 6,50  | -   | -   | -  | -    | -  | -   | -                             | 7,0  |   |
| 8,0  | 6,50  | -   | -   | 3,30   | -    | -  | -   | -                             | 8,0  |   |
| 9,0  | 6,20  | -   | -   | 3,30   | -    | 2,00   | -   | -                             | 9,0  |   |
| 10,0   | 5,90  | 3,20  | -   | 3,30   | -    | 2,00   | -   | -                             | 10,0 |   |
| 11,0   | 5,60  | 3,10  | -   | 3,15   | -    | 2,00   | -   | -                             | 11,0 |   |
| 12,0   | 5,30  | 3,00  | -   | 3,00   | -    | 2,00   | -   | -                             | 12,0 |   |
| 13,0   | 5,05  | 2,95  | -   | 2,80   | 1,60 | 1,90   | -   | -                             | 13,0 |   |
| 14,0   | 4,80  | 2,90  | -   | 2,70   | 1,60 | 1,80   | -   | -                             | 14,0 |   |
| 15,0   | 4,55  | 2,85  | -   | 2,60   | 1,55 | 1,75   | -   | -                             | 15,0 |   |
| 16,0   | 4,30  | 2,80  | -   | 2,50   | 1,50 | 1,60   | 0,90  | -                             | 16,0 |   |
| 17,0   | 4,10  | 2,75  | -   | 2,40   | 1,50 | 1,50   | 0,90  | -                             | 17,0 |   |
| 18,0   | 3,90  | 2,70  | -   | 2,30   | 1,45 | 1,45   | 0,85  | -                             | 18,0 |   |
| 19,0   | 3,60  | 2,65  | -   | 2,20   | 1,45 | 1,40   | 0,85  | -                             | 19,0 |   |
| 20,0   | 3,30  | 2,60  | -   | 2,10   | 1,40 | 1,35   | 0,80  | -                             | 20,0 |   |
| 21,0   | 3,00  | 2,45  | -   | 2,00   | 1,40 | 1,30   | 0,80  | -                             | 21,0 |   |
| 22,0   | 2,75  | 2,30  | -   | 1,90   | 1,35 | 1,25   | 0,80  | -                             | 22,0 |   |
| 23,0   | 2,40  | 2,15  | -   | 1,80   | 1,33 | 1,20   | 0,75  | -                             | 23,0 |   |
| 24,0   | 2,05  | 2,05  | -   | 1,75   | 1,30 | 1,15   | 0,75  | -                             | 24,0 |   |
| 25,0   | 1,85  | 1,80  | -   | 1,65   | 1,25 | 1,10   | 0,70  | -                             | 25,0 |   |
| 26,0   | 1,65  | 1,60  | -   | 1,60   | 1,20 | 1,10   | 0,70  | -                             | 26,0 |   |
| 27,0   | 1,45  | 1,45  | -   | 1,50   | 1,15 | 1,05   | 0,70  | -                             | 27,0 |   |
| 28,0   | 1,30  | 1,30  | -   | 1,40   | 1,10 | 1,00   | 0,70  | -                             | 28,0 |   |
| 29,0   | 1,20  | 1,15  | -   | 1,35   | 1,05 | 0,95   | 0,65  | -                             | 29,0 |   |
| 30,0   | 1,10  | 1,00  | -   | 1,30   | 1,00 | 0,90   | 0,65  | -                             | 30,0 |   |
| 31,0   | 1,00  | 0,85  | -   | 1,10   | 0,90 | 0,85   | 0,60  | -                             | 31,0 |   |
| 32,0   | 0,90  | 0,70  | -   | 0,90   | 0,85 | 0,80   | 0,60  | -                             | 32,0 |   |
| 33,0   | 0,80  | 0,65  | -   | 0,75   | 0,80 | 0,55   | 0,50  | -                             | 33,0 |   |
| 34,0   | 0,75  | 0,60  | -   | 0,70   | 0,75 | 0,50   | 0,45  | -                             | 34,0 |   |
| 35,0   | 0,70  | 0,55  | -   | 0,65   | 0,70 | 0,45   | 0,40  | -                             | 35,0 |   |
| 36,0   | 0,70  | 0,50  | -   | 0,60   | 0,65 | 0,40   | 0,35  | -                             | 36,0 |   |
| 37,0   | 0,65  | 0,50  | -   | 0,55   | 0,60 | 0,40   | 0,35  | -                             | 37,0 |   |
| 38,0   | 0,60  | 0,50  | -   | 0,50   | 0,55 | 0,35   | 0,30  | -                             | 38,0 |   |
| 39,0   | 0,50  | 0,50  | -   | 0,45   | 0,50 | 0,35   | 0,30  | -                             | 39,0 |   |
| 40,0   | -   | -   | -   | 0,40   | 0,45 | 0,30   | 0,25  | -                             | 40,0 |   |
| 41,0   | -   | -   | -   | 0,35   | 0,40 | 0,25   | 0,20  | -                             | 41,0 |   |
| 42,0   | -   | -   | -   | 0,30   | 0,30 | 0,20   | 0,20  | -                             | 42,0 |   |
| 43,0   | -   | -   | -   | -  | 0,30 | -  | 0,20  | -                             | 43,0 |   |