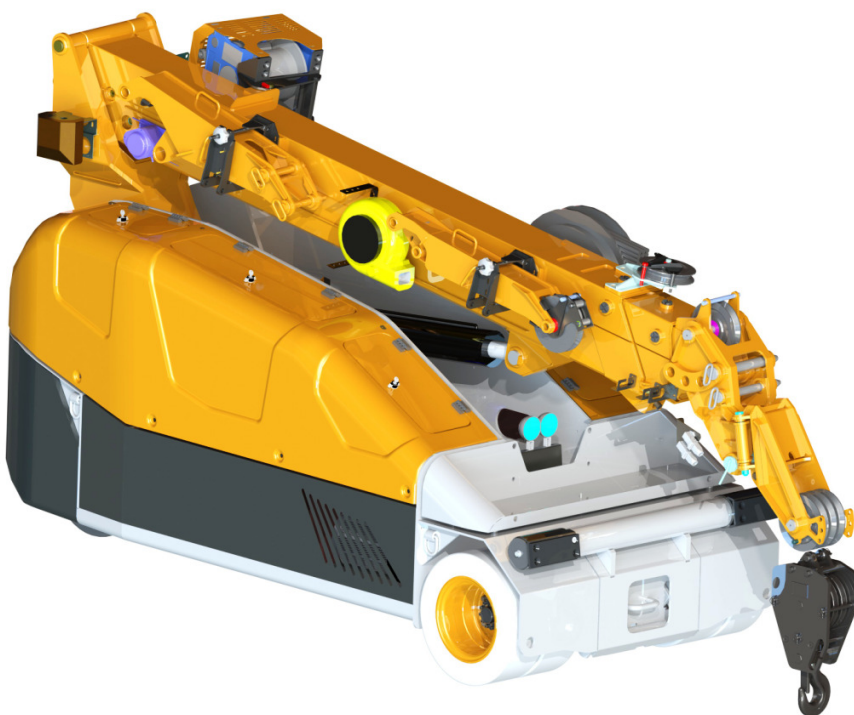




Technical Data

Specification & Capacities



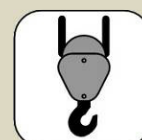
MPK50



12,0kW/16,1Hp



2,8-6,9m



5000kg



EN 13000



MPK50



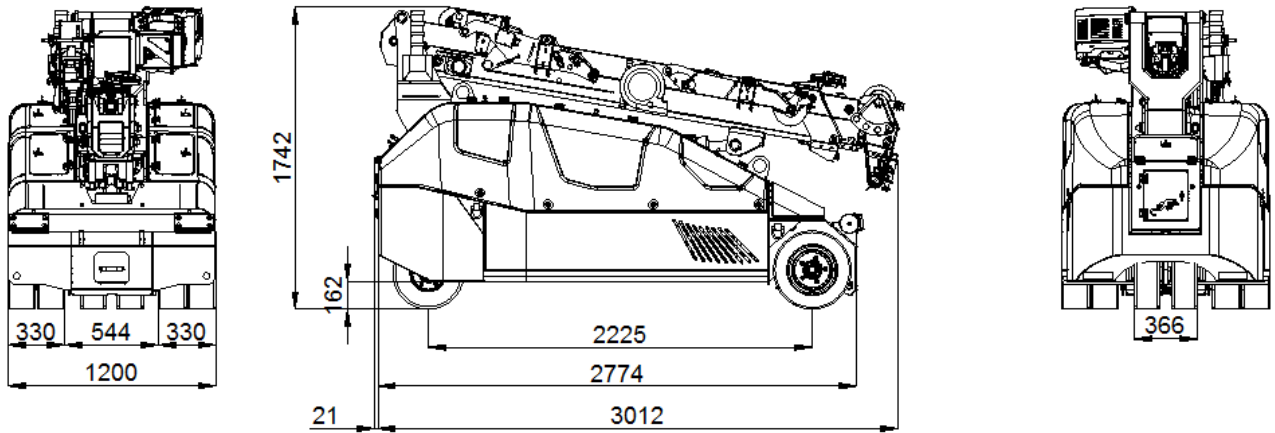
MPK50



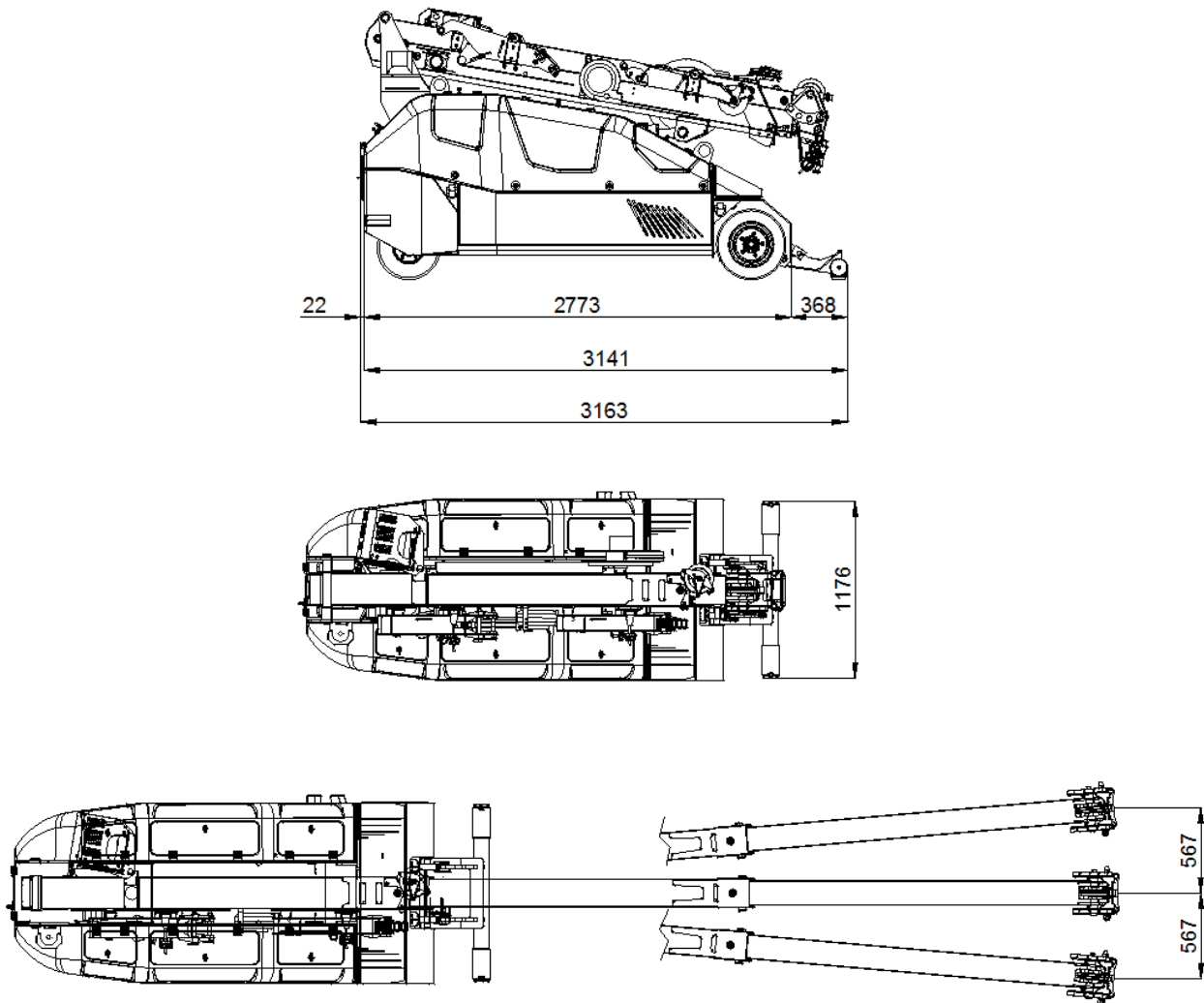
Via Campardone, 1
31014 Colle Umberto – Italy
Tel. +39 0438 1710083
Mail: info@jekko.it
Web: www.jekko.it


| | |
|------|---------------------------|
| Date | Jun 10 th 2016 |
| REV. | Rev. 3 |


MPK50 – OVERALL DIMENSIONS







MPK50 - Stabilizing bar



| | | |
|---|---|-------------|
| | | kg |
|  |  | 3450 |
| |  | 1000 |
| Tot. | | 4450 |

| | | | |
|---|------------|-----------|---------------|
|  | 48V 620 Ah | kW | 12,0kW 16,1Hp |
|---|------------|-----------|---------------|

| | | |
|--|------|-----|
|  | km/h | 4,0 |
|  | 20% | |

| | | |
|---|-------------|--------|
|  | -10°/65° | 25 sec |
|  | m 2,8 - 6,9 | 25 sec |

Reaction on wheel (double wheel base)

| | | |
|---|----|------|
|  | kg | 0 |
|  | kg | 2600 |
|  | kg | 1850 |
|  | kg | 4450 |

HOIST PERFORMANCE

| Layer | Max Line Pull | Normal Line Speed | High Line Speed |
|-------|---------------|-------------------|-----------------|
| | kg | m/min | m/min |
| 1 | 1.491 (*) | 34,4 | N/A |
| 2 | 1.377 (*) | 37,5 | N/A |
| 3 | 1.281 (*) | 40,6 | N/A |
| 4 | 1.172 (*) | 42,8 | N/A |
| 5 | 1.100(*) | 45,1 | N/A |

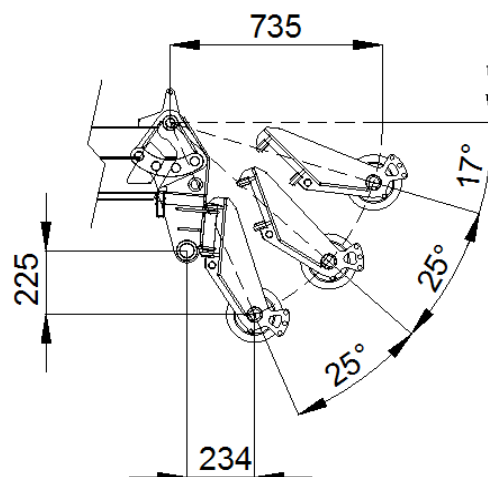
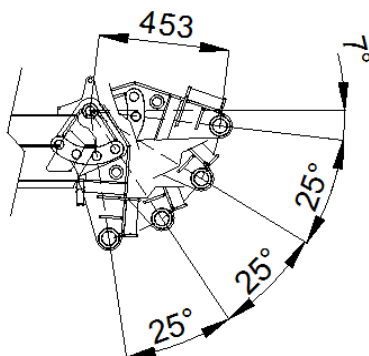
(*) 1000kg LMI limited

| Wire Rope | Diameter | Tot. Length | Max Load |
|-------------------------------------|----------|-------------|----------|
| | mm | m | kg |
| 19x7 right lang lay Non rotating | 8 | 60 | 5.435 |

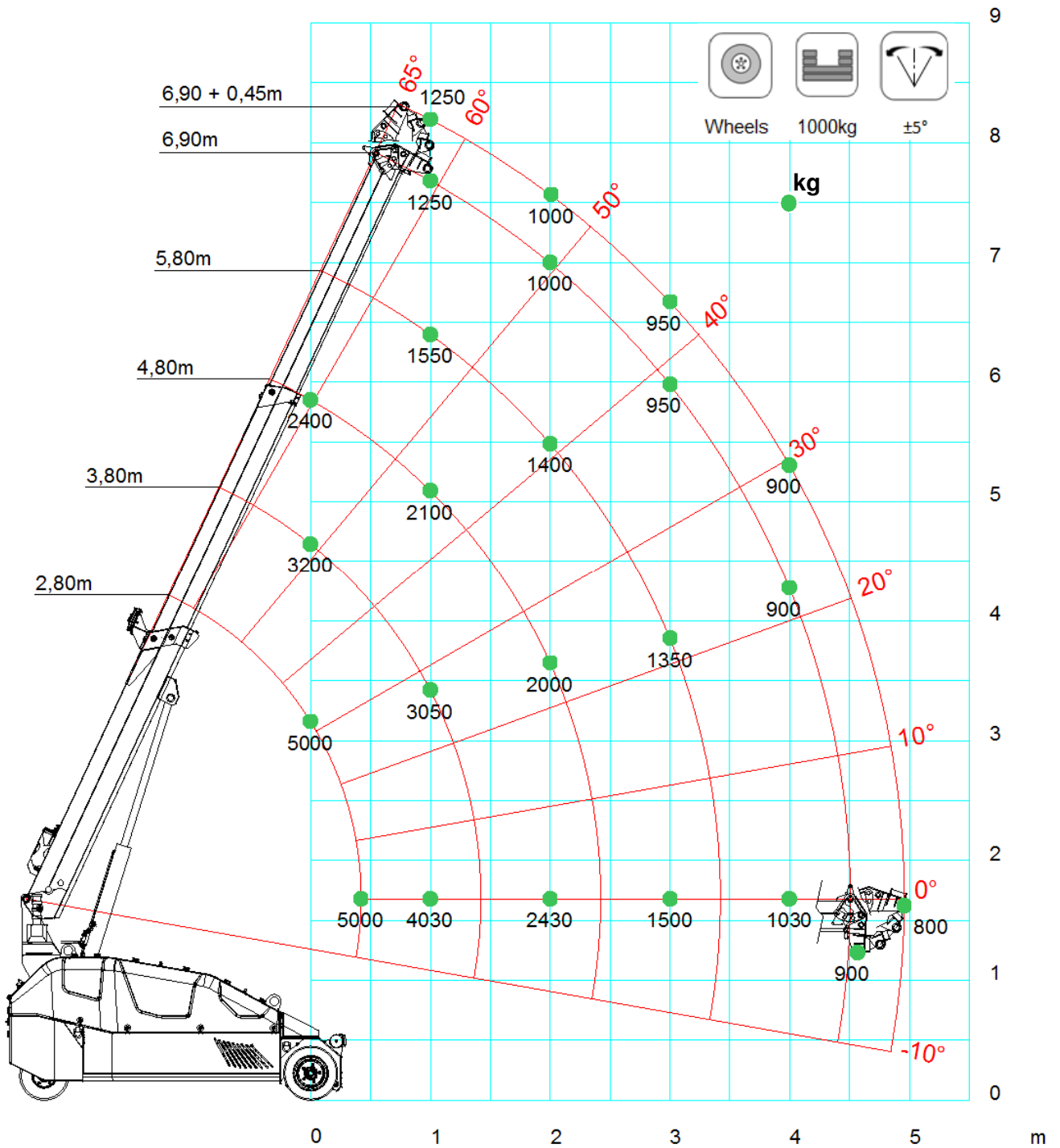
HOOK BLOCK






| LOAD | No. of | |
|-------|---------|-------|
| | Sheaves | Lines |
| 5.000 | 3 | 5 |
| 4.000 | 2 | 4 |
| 3.000 | 2 | 3 |
| 2.000 | 1 | 2 |
| 1.000 | | 1 |

BOOM HEAD CONFIGURATIONS









MPK50 MAIN BOOM Hook Wheels



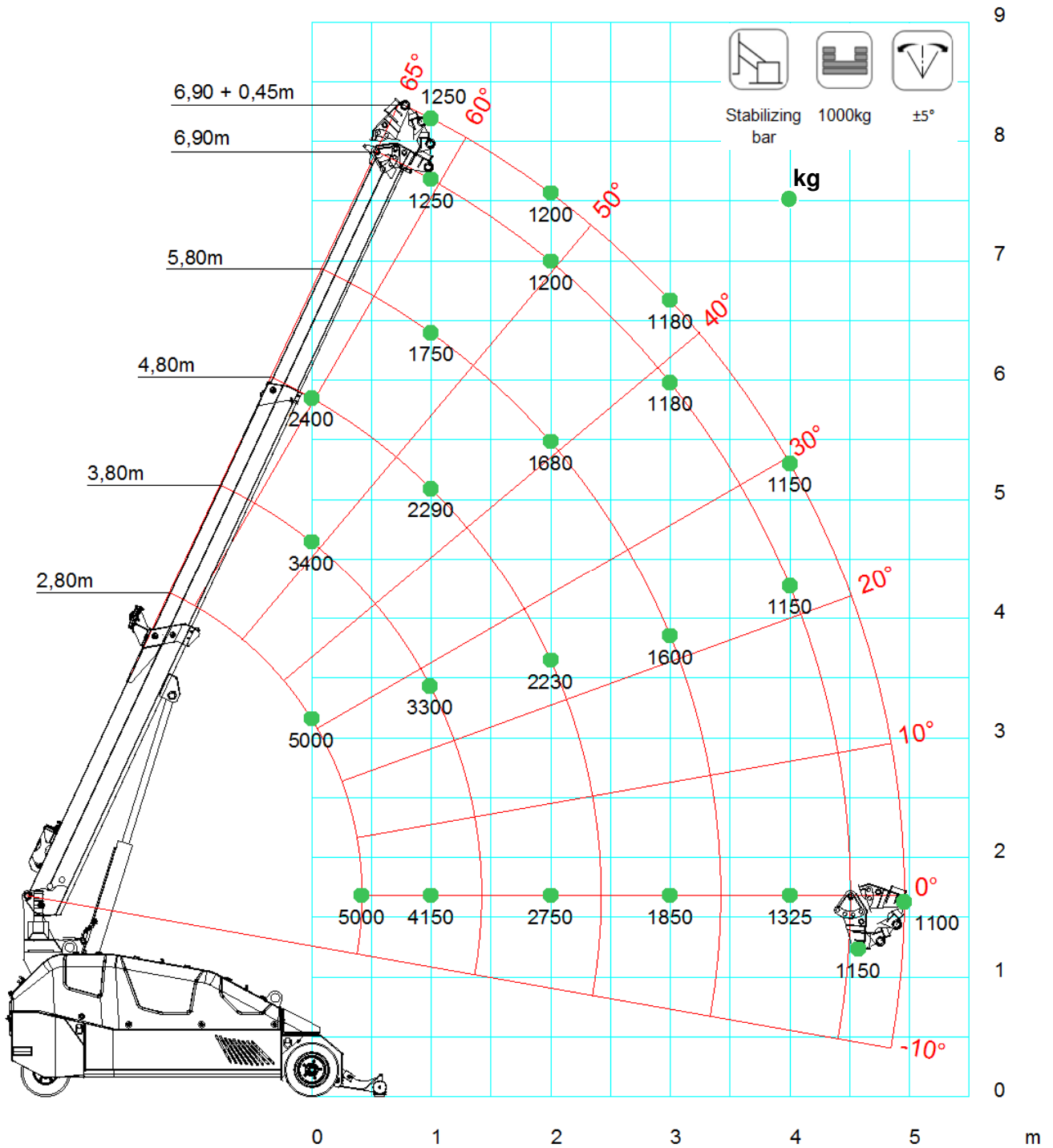
|  |  HOOK |  Wheels |  1000kg |  ±5° |  EN |
|---|---|---|---|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 5000 | 3200 | 2400 | | |
| 0,5 | 5000 | 3100 | 2400 | 1800 | |
| 1,0 | | 3050 | 2100 | 1550 | 1250 |
| 1,5 | | 3050 | 2050 | 1450 | 1100 |
| 2,0 | | | 2000 | 1400 | 1000 |
| 2,5 | | | 1750 | 1400 | 950 |
| 3,0 | | | | 1350 | 950 |
| 3,5 | | | | 1200 | 900 |
| 4,0 | | | | | 900 |
| 4,5 | | | | | 900 |
| 4,9 | | | | | 800 |




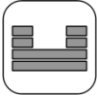


LCMPK50_V102_0616_MAIN_A1_G_CW_1000_WHEEL

|  |  HOOK |  Wheels |  0kg |  ±5° |  EN |
|---|---|---|--|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 4500 | 2700 | 2050 | | |
| 0,5 | 4000 | 2500 | 1900 | 1400 | |
| 1,0 | | 2200 | 1600 | 1300 | 1175 |
| 1,5 | | 1700 | 1400 | 1200 | 1025 |
| 2,0 | | | 1200 | 1100 | 975 |
| 2,5 | | | 900 | 850 | 850 |
| 3,0 | | | | 760 | 700 |
| 3,5 | | | | 620 | 600 |
| 4,0 | | | | | 500 |
| 4,9 | | | | | 450 |

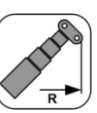





LCMPK50_V102_0616_MAIN_A1_G_CW_0_WHEEL

MPK50 MAIN BOOM Hook Stabilizing bar



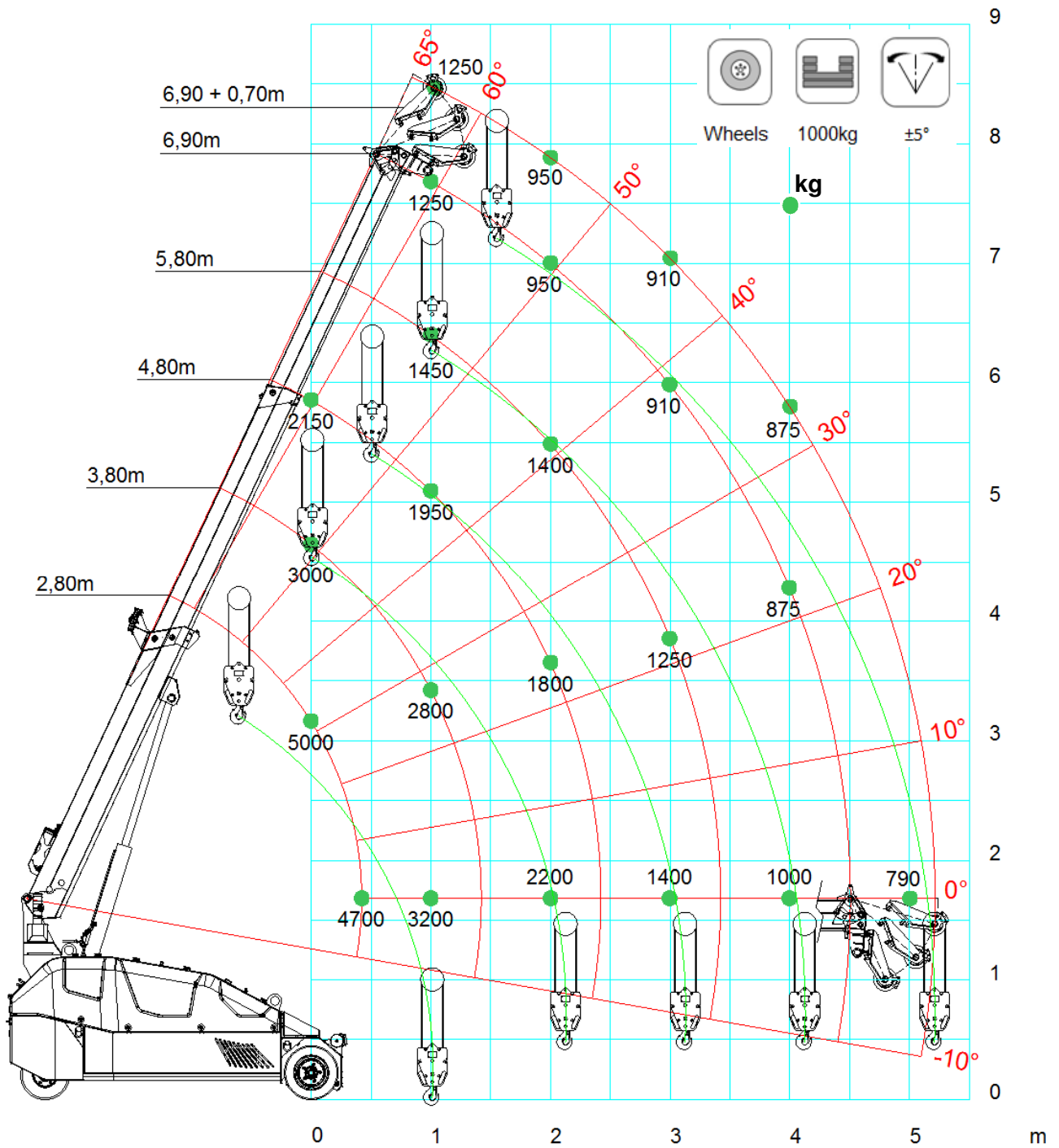
|  |  HOOK |  Stabilizing bar |  1000kg |  ±5° |  |
|---|---|--|---|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 5000 | 3400 | 2400 | | |
| 0,5 | 5000 | 3300 | 2400 | 1800 | |
| 1,0 | | 3300 | 2290 | 1750 | 1250 |
| 1,5 | | 3300 | 2260 | 1700 | 1250 |
| 2,0 | | | 2230 | 1680 | 1200 |
| 2,5 | | | 2200 | 1650 | 1200 |
| 3,0 | | | | 1600 | 1180 |
| 3,5 | | | | 1500 | 1150 |
| 4,0 | | | | | 1150 |
| 4,5 | | | | | 1150 |
| 4,9 | | | | | 1100 |







LCMPK50_V102_0616_MAIN_A1_G_CW_1000_BAR

|  |  HOOK |  Stabilizing bar |  0kg |  ±5° |  |
|---|---|--|--|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 5000 | 3000 | 2220 | | |
| 0,5 | 4500 | 2900 | 2150 | 1600 | |
| 1,0 | | 2750 | 1950 | 1500 | 1190 |
| 1,5 | | 2500 | 1830 | 1450 | 1150 |
| 2,0 | | | 1700 | 1380 | 1115 |
| 2,5 | | | 1550 | 1250 | 1050 |
| 3,0 | | | | 1180 | 975 |
| 3,5 | | | | 1050 | 900 |
| 4,0 | | | | | 850 |
| 4,9 | | | | | 800 |

LCMPK50_V102_0616_MAIN_A1_G_CW_0_BAR

MPK50 MAIN BOOM Winch Wheels



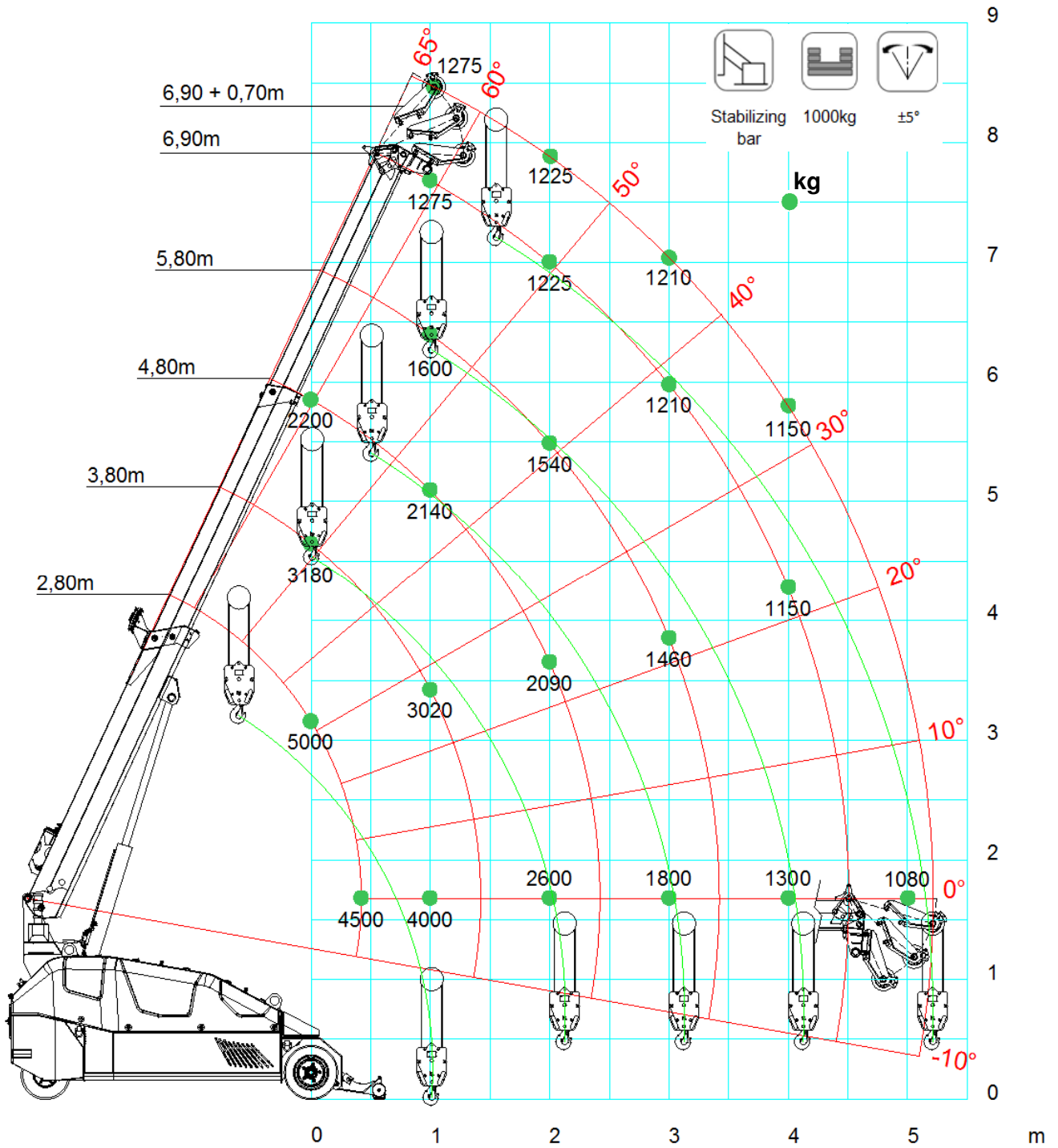
|  |  WINCH |  Wheels |  1000kg |  ±5° |  EN |
|---|--|---|---|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 5000 | 2980 | 2140 | | |
| 0,5 | 4700 | 2900 | 2140 | 1500 | |
| 1,0 | | 2820 | 1940 | 1440 | 1250 |
| 1,5 | | 2780 | 1900 | 1420 | 1110 |
| 2,0 | | | 1800 | 1400 | 950 |
| 2,5 | | | 1610 | 1290 | 925 |
| 3,0 | | | | 1240 | 910 |
| 3,5 | | | | 1160 | 910 |
| 4,0 | | | | | 875 |
| 4,5 | | | | | 825 |
| 4,9 | | | | | 800 |

LCMPK50_V102_0616_MAIN_A1_F_CW_1000_WHEEL

|  |  WINCH |  Wheels |  0kg |  ±5° |  EN |
|---|--|---|--|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 4500 | 2540 | 1780 | | |
| 0,5 | 3500 | 2340 | 1780 | 1440 | |
| 1,0 | | 2080 | 1600 | 1340 | 1025 |
| 1,5 | | 1660 | 1460 | 1240 | 925 |
| 2,0 | | | 1160 | 960 | 775 |
| 2,5 | | | 880 | 830 | 710 |
| 3,0 | | | | 680 | 560 |
| 3,5 | | | | 580 | 500 |
| 4,0 | | | | | 455 |
| 4,5 | | | | | 425 |
| 4,9 | | | | | 400 |

LCMPK50_V102_0616_MAIN_A1_F_CW_0_WHEEL

MPK50 MAIN BOOM Winch Stabilizing bar



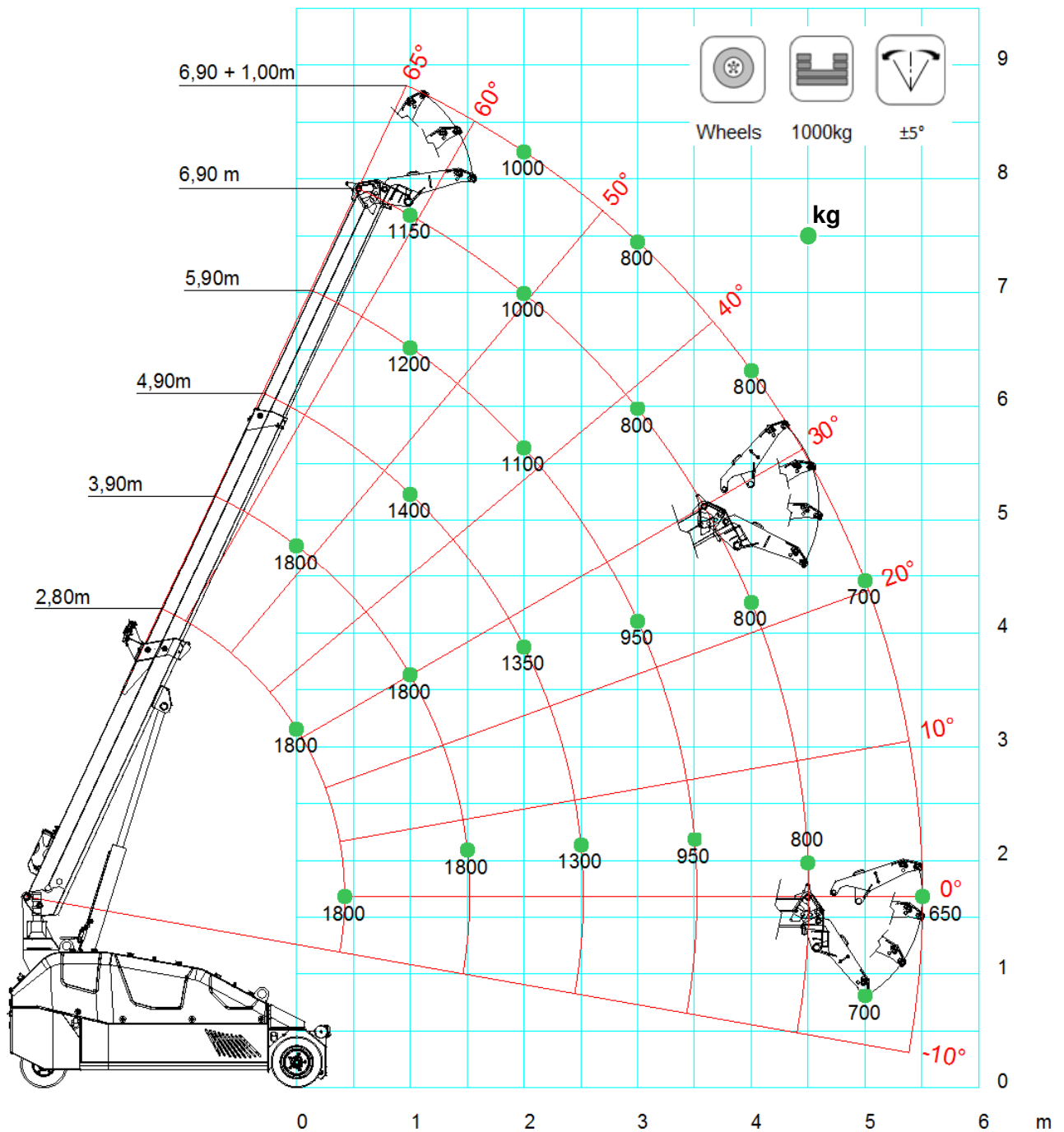
|  |  WINCH |  Stabilizing bar |  1000kg |  ±5° |  EN |
|---|--|--|---|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 5000 | 3180 | 2200 | | |
| 0,5 | 4500 | 3160 | 2200 | 1660 | |
| 1,0 | | 3020 | 2140 | 1600 | 1275 |
| 1,5 | | 3020 | 2135 | 1580 | 1275 |
| 2,0 | | | 2090 | 1540 | 1225 |
| 2,5 | | | 2040 | 1500 | 1225 |
| 3,0 | | | | 1465 | 1210 |
| 3,5 | | | | 1430 | 1190 |
| 4,0 | | | | | 1150 |
| 4,5 | | | | | 1125 |
| 4,9 | | | | | 1100 |







LCMPK50_V102_0616_MAIN_A1_F_CW_1000_BAR

|  |  WINCH |  Stabilizing bar |  0kg |  ±5° |  EN |
|---|--|--|--|---|---|
| | 2,8 | 3,8 | 4,8 | 5,8 | 6,9 |
| 0,0 | 4750 | 2860 | 1990 | | |
| 0,5 | 4000 | 2720 | 1990 | 1640 | |
| 1,0 | | 2550 | 1870 | 1470 | 1250 |
| 1,5 | | 2340 | 1795 | 1400 | 1075 |
| 2,0 | | | 1600 | 1235 | 1010 |
| 2,5 | | | 1450 | 1150 | 960 |
| 3,0 | | | | 1060 | 885 |
| 3,5 | | | | 1000 | 825 |
| 4,0 | | | | | 800 |
| 4,5 | | | | | 775 |
| 4,9 | | | | | 750 |







LCMPK50_V102_0616_MAIN_A1_F_CW_0_BAR

MPK50 JIB1800-700.2M Short Wheels



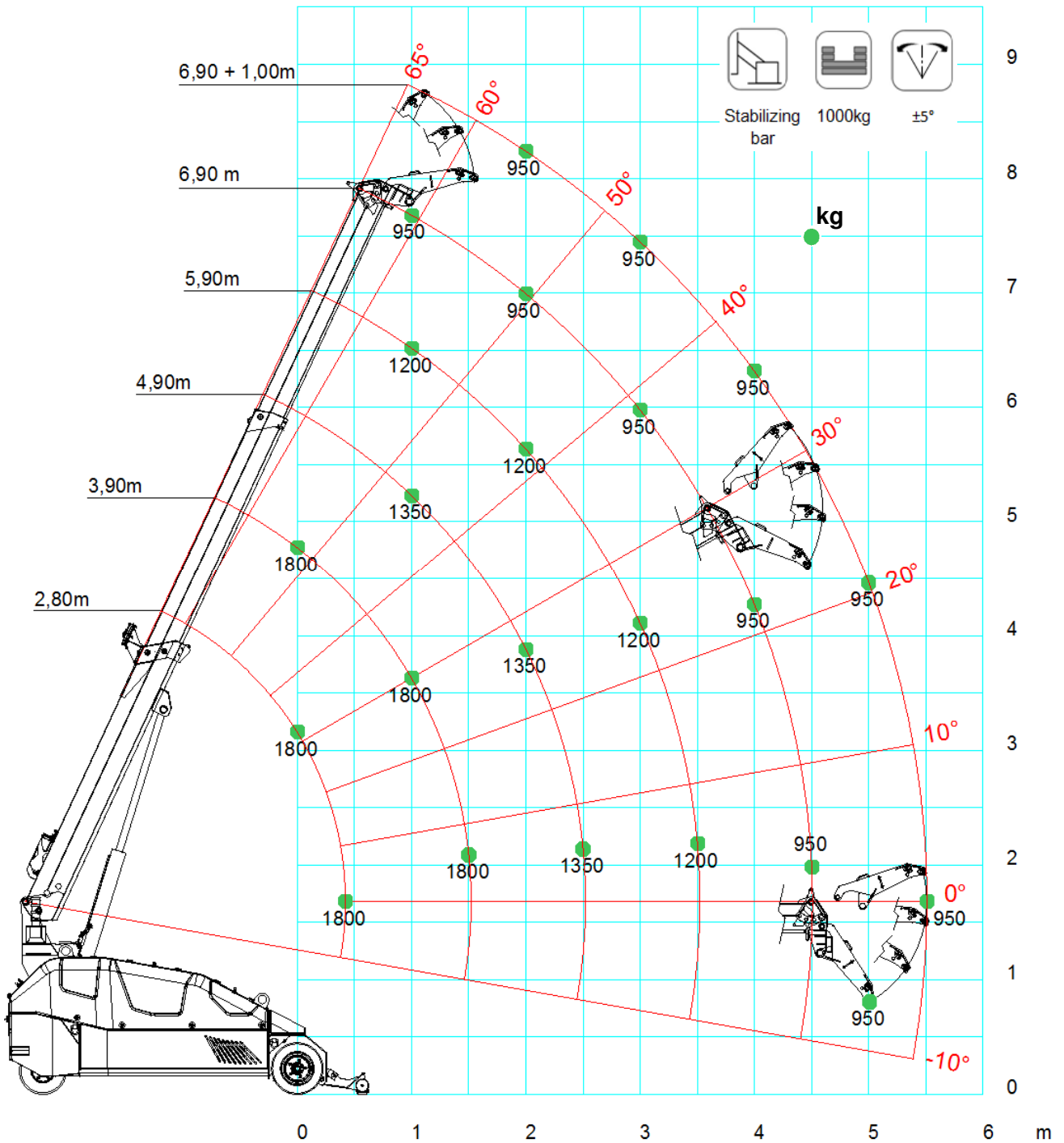
|  |  |  |  |  |  |
|---|---|---|---|--|---|
| | SHORT | Wheels | 1000kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 1800 | 1800 | | | |
| 0,5 | 1800 | 1800 | 1400 | 1200 | |
| 1,0 | 1800 | 1800 | 1400 | 1200 | 1150 |
| 1,5 | | 1800 | 1400 | 1150 | 1100 |
| 2,0 | | 1800 | 1350 | 1100 | 1000 |
| 2,5 | | 1800 | 1300 | 1000 | 850 |
| 3,0 | | | 1250 | 950 | 800 |
| 3,5 | | | 1230 | 950 | 800 |
| 4,0 | | | | 900 | 800 |
| 4,5 | | | | 900 | 800 |
| 5,0 | | | | | 700 |
| 5,5 | | | | | 650 |



LCMPK50_V102_0616_JIB 1800_A1_G_CW_1000_WHEEL

|  |  |  |  |  |  |
|---|---|---|---|--|---|
| | SHORT | Wheels | 0kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 1800 | 1500 | | | |
| 0,5 | 1800 | 1500 | 1200 | 900 | |
| 1,0 | 1800 | 1400 | 1200 | 900 | 700 |
| 1,5 | | 1300 | 1100 | 800 | 700 |
| 2,0 | | 1100 | 950 | 800 | 600 |
| 2,5 | | 950 | 800 | 700 | 550 |
| 3,0 | | | 700 | 600 | 500 |
| 3,5 | | | 600 | 550 | 450 |
| 4,0 | | | | 500 | 420 |
| 4,5 | | | | 400 | 400 |
| 5,0 | | | | | 380 |
| 5,5 | | | | | 300 |






LCMPK50_V102_0616_JIB 1800_A1_G_CW_0_WHEEL

MPK50 JIB1800-700.2M Short Stabilizing bar



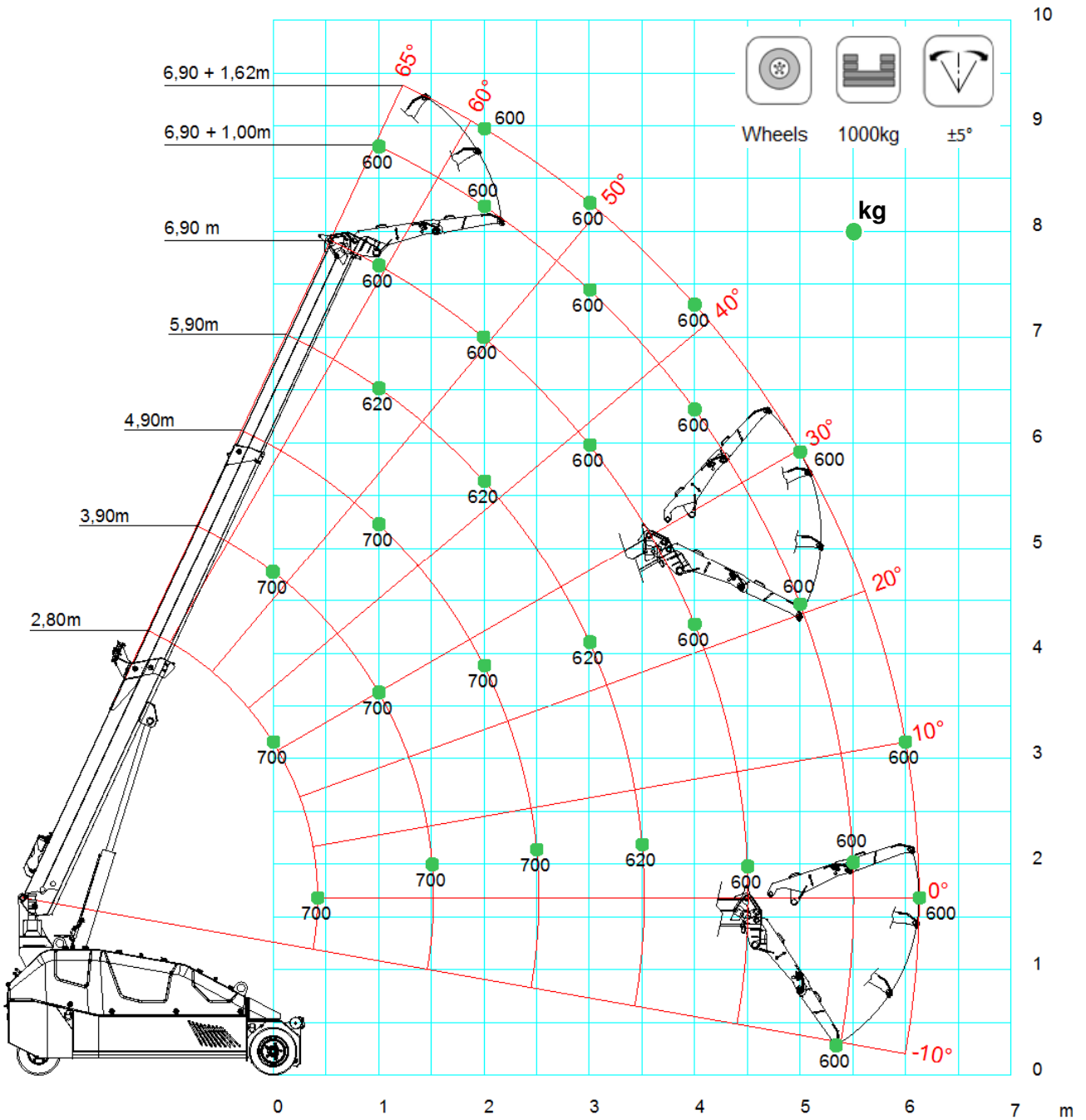
|  |  |  |  |  |  |
|---|---|---|---|--|---|
| | SHORT | Stabilizing bar | 1000kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 1800 | 1800 | | | |
| 0,5 | 1800 | 1800 | 1350 | 1200 | |
| 1,0 | 1800 | 1800 | 1350 | 1200 | 950 |
| 1,5 | | 1800 | 1350 | 1200 | 950 |
| 2,0 | | 1800 | 1350 | 1200 | 950 |
| 2,5 | | 1800 | 1350 | 1200 | 950 |
| 3,0 | | | 1350 | 1200 | 950 |
| 3,5 | | | 1350 | 1200 | 950 |
| 4,0 | | | | 1200 | 950 |
| 4,5 | | | | 1200 | 950 |
| 5,0 | | | | | 950 |
| 5,5 | | | | | 950 |







LCMPK50_V102_0616_JIB1800_A1_G_CW_1000_BAR

|  |  |  |  |  |  |
|---|---|---|---|--|---|
| | SHORT | Stabilizing bar | 0kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 1800 | 1650 | | | |
| 0,5 | 1800 | 1650 | 1275 | 1050 | |
| 1,0 | 1800 | 1600 | 1275 | 1050 | 825 |
| 1,5 | | 1550 | 1225 | 1000 | 825 |
| 2,0 | | 1450 | 1150 | 1000 | 775 |
| 2,5 | | 1400 | 1075 | 950 | 750 |
| 3,0 | | | 1025 | 900 | 725 |
| 3,5 | | | 950 | 875 | 700 |
| 4,0 | | | | 850 | 685 |
| 4,5 | | | | 800 | 650 |
| 5,0 | | | | | 600 |
| 5,5 | | | | | 550 |







LCMPK50_V102_0616_JIB1800_A1_G_CW_0_BAR

MPK50 JIB1800-700.2M Long Wheels



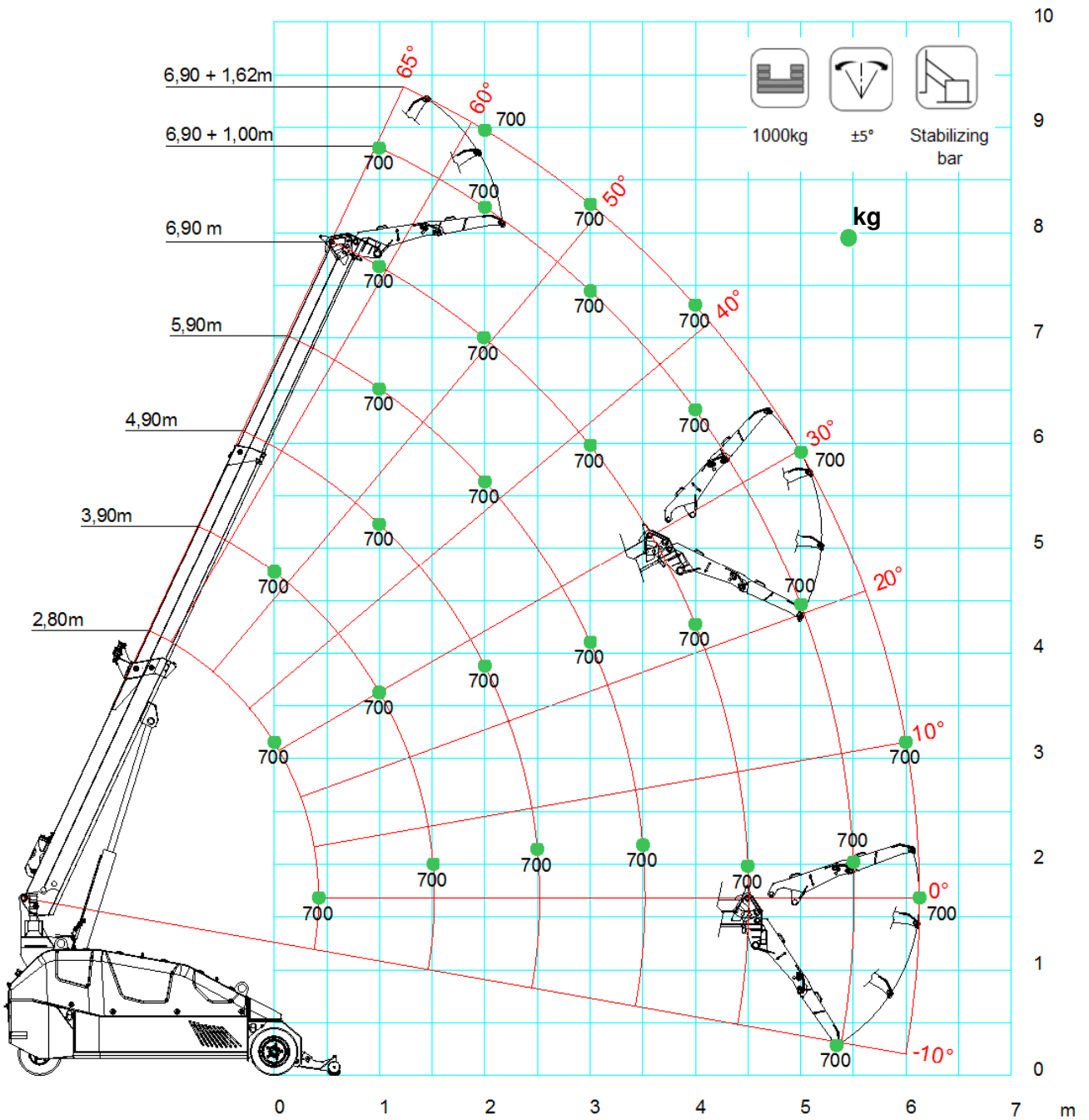
|  |      | | | | |
|---|---|--------|--------|-----|-----|
| | LONG | Wheels | 1000kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 700 | | | | |
| 0,5 | 700 | 700 | | | |
| 1,0 | 700 | 700 | 700 | | |
| 1,5 | 700 | 700 | 700 | 620 | 600 |
| 2,0 | 700 | 700 | 700 | 620 | 600 |
| 2,5 | | 700 | 700 | 620 | 600 |
| 3,0 | | 700 | 700 | 620 | 600 |
| 3,5 | | | 700 | 620 | 600 |
| 4,0 | | | 650 | 620 | 600 |
| 4,5 | | | | 620 | 600 |
| 5,0 | | | | 620 | 600 |
| 5,5 | | | | | 600 |
| 6,1 | | | | | 600 |







LCMPK50_V102_0616_JIB700_A1.G.CW_1000_WHEEL

|  |      | | | | |
|---|---|--------|-----|-----|-----|
| | LONG | Wheels | 0kg | ±5° | |
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 700 | | | | |
| 0,5 | 700 | 700 | | | |
| 1,0 | 700 | 700 | 700 | | |
| 1,5 | | 700 | 700 | 600 | 500 |
| 2,0 | | 700 | 700 | 600 | 500 |
| 2,5 | | 700 | 700 | 500 | 450 |
| 3,0 | | 700 | 700 | 500 | 450 |
| 3,5 | | | 600 | 500 | 450 |
| 4,0 | | | 500 | 500 | 400 |
| 4,5 | | | | 400 | 400 |
| 5,0 | | | | 350 | 350 |
| 5,5 | | | | | 300 |
| 6,1 | | | | | 200 |







LCMPK50_V102_0616_JIB700_A1.G.CW_0_WHEEL

MPK50 JIB1800-700.2M Long Stabilizing bar



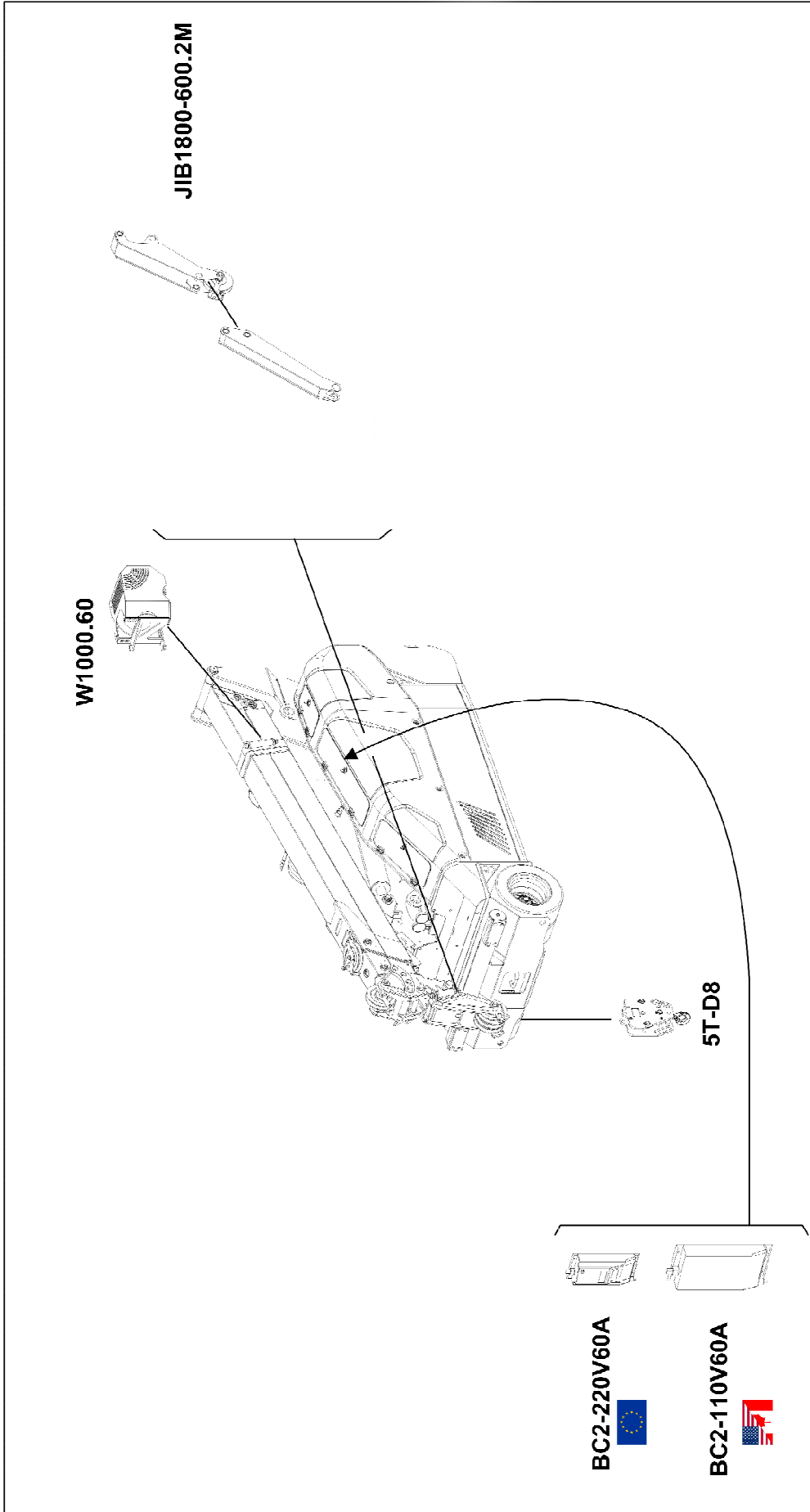
|  |  LONG |  Stabilizing bar |  1000kg |  $\pm 5^\circ$ |  |
|---|---|--|---|--|---|
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 700 | | | | |
| 0,5 | 700 | 700 | | | |
| 1,0 | 700 | 700 | 700 | | |
| 1,5 | 700 | 700 | 700 | 700 | 700 |
| 2,0 | 700 | 700 | 700 | 700 | 700 |
| 2,5 | | 700 | 700 | 700 | 700 |
| 3,0 | | 700 | 700 | 700 | 700 |
| 3,5 | | | 700 | 700 | 700 |
| 4,0 | | | 700 | 700 | 700 |
| 4,5 | | | | 700 | 700 |
| 5,0 | | | | 700 | 700 |
| 5,5 | | | | | 700 |
| 6,1 | | | | | 700 |

LCMPK50_V102_0616_JIB700_A1.G.CW_1000_BAR

|  |  LONG |  Stabilizing bar |  0kg |  $\pm 5^\circ$ |  |
|---|---|--|--|--|---|
| | 2,8 | 3,9 | 4,9 | 5,9 | 6,9 |
| 0,0 | 700 | | | | |
| 0,5 | 700 | 700 | | | |
| 1,0 | 700 | 700 | 700 | | |
| 1,5 | | 700 | 700 | 600 | 500 |
| 2,0 | | 700 | 700 | 600 | 500 |
| 2,5 | | 700 | 700 | 600 | 500 |
| 3,0 | | 700 | 700 | 550 | 500 |
| 3,5 | | | 700 | 550 | 500 |
| 4,0 | | | 650 | 550 | 500 |
| 4,5 | | | | 550 | 500 |
| 5,0 | | | | 500 | 500 |
| 5,5 | | | | | 500 |
| 6,1 | | | | | 450 |

LCMPK50_V102_0616_JIB700_A1.G.CW_0_BAR

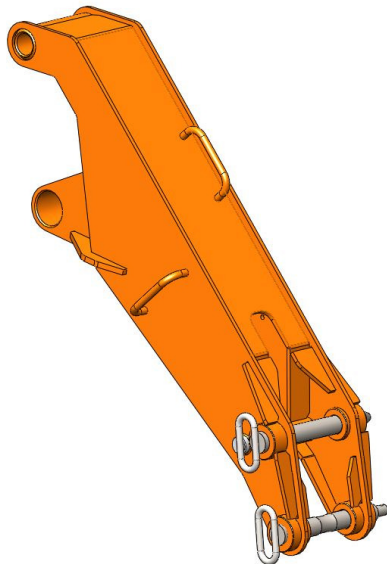
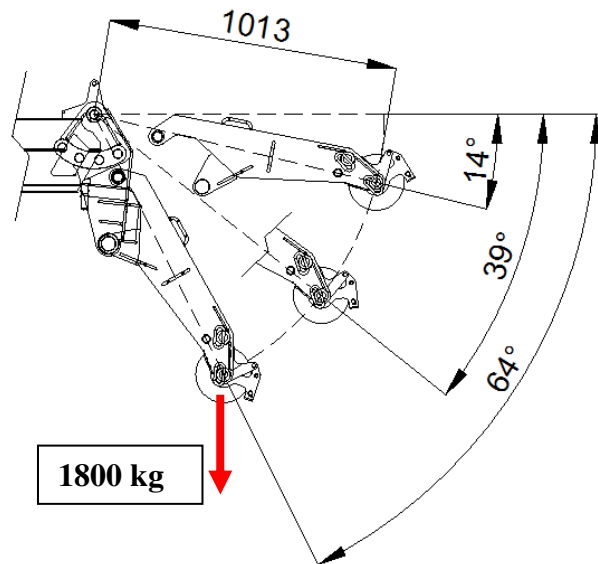
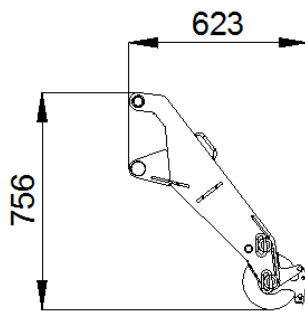
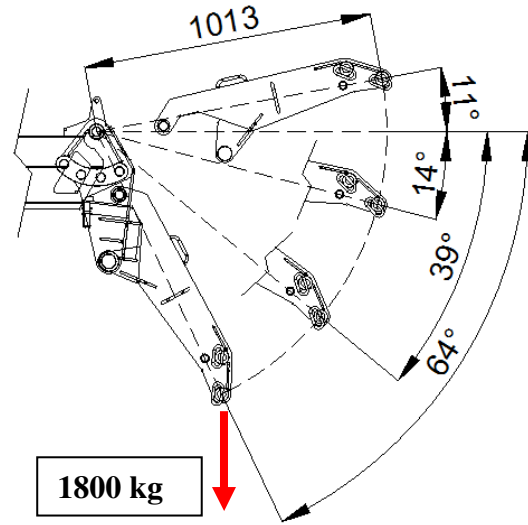
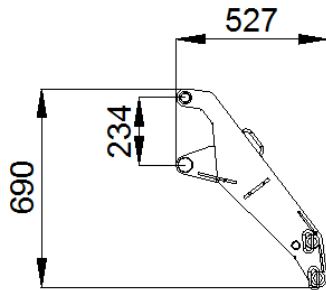
ACCESSORIES



| | STD | PC-01 | PC-11 |
|---------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Boom, Covers & Outriggers | <input type="checkbox"/> RAL2004 | <input type="checkbox"/> RAL_____ | <input type="checkbox"/> RAL_____ |
| Chassis, Frames & Tanks | <input type="checkbox"/> RAL7001 | <input type="checkbox"/> RAL7001 | <input type="checkbox"/> RAL_____ |

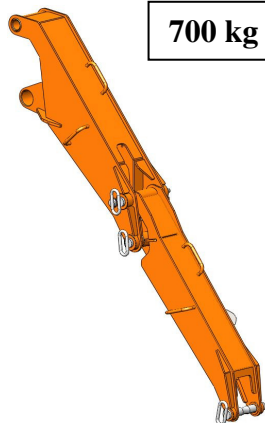
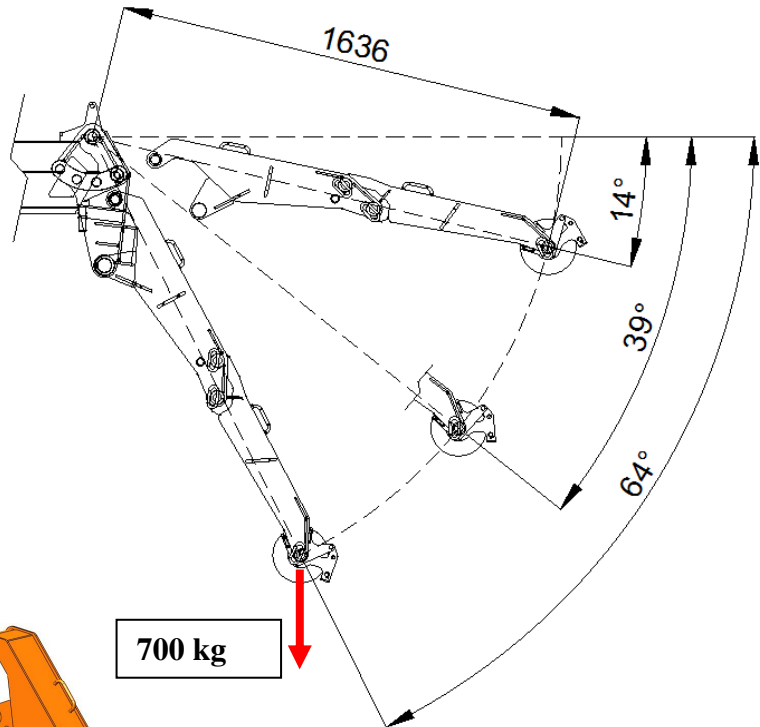
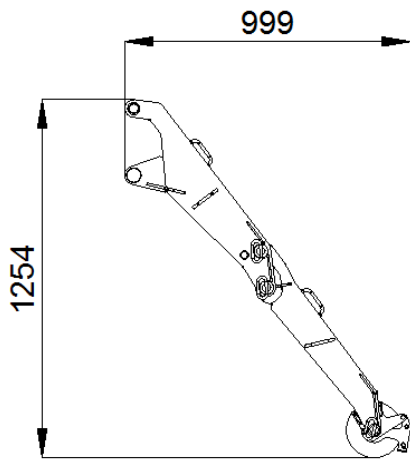
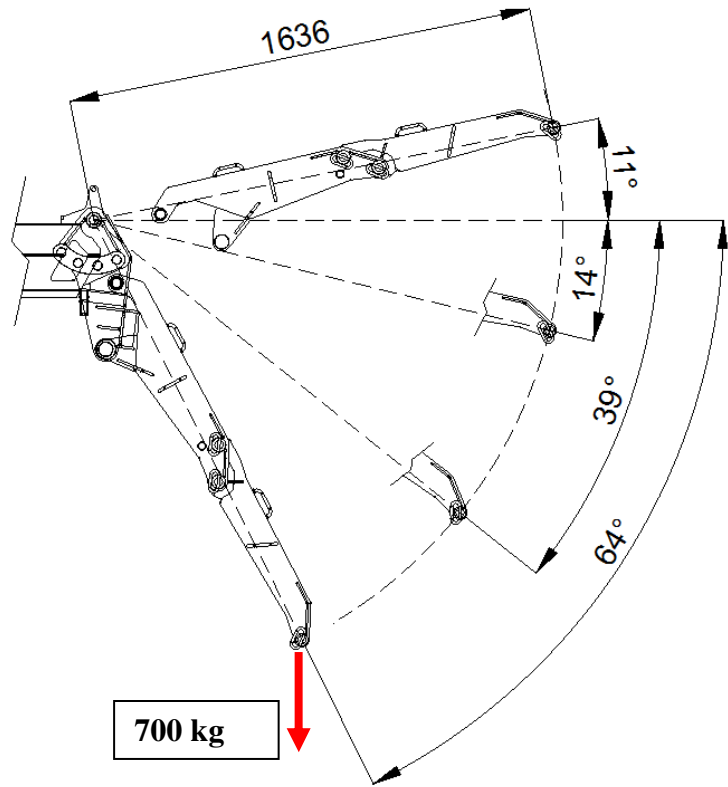
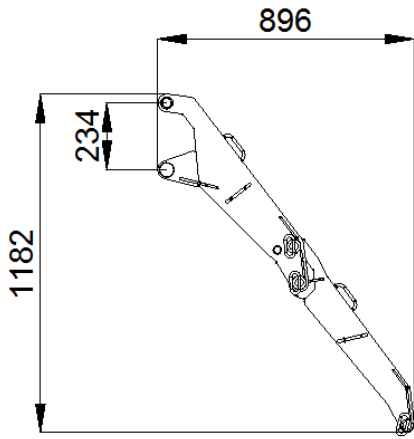
ACCESSORIES FEATURES

JIB1800-700.2M Short configuration



| | |
|--|----|
| | kg |
| | 30 |

JIB1800-700.2M
Long configuration



| | |
|--|-------|
| | kg |
| | 30+20 |

SYMBOLS

| | | | | | | | |
|---|-----------------------|---|---------------------------|---|-------------------|---|--------------------------------------|
|  | Weight |  | Chart Wheels |  | Engine |  | Jib length and angle |
|  | Counterweight |  | Minipicker |  | Diesel Fuel |  | Jib Length |
|  | Crane |  | Back Wheel Point Loading |  | Gasoline Fuel |  | Jib Radius |
|  | Travel Speed |  | Front wheel Point Loading |  | Tank |  | Hydraulic Jib Length |
|  | Gradeability |  | Travel Speed |  | Battery |  | Hydraulic Jib Radius |
|  | Outrigger Load |  | Gradeability |  | Power |  | Mechanical Jib Length |
|  | Track Loading |  | Working Radius |  | Boom Angle |  | Mechanical Jib Radius |
|  | Outriggers Setup |  | Hookblock |  | Boom Length |  | Manipulator Length |
|  | Ext Tracks Width |  | Slewing |  | Boom Radius |  | Manipulator Radius |
|  | Chart On Tracks |  | Slewing Locked |  | Jib Hook Radius |  | Maximum inclination of the machinery |
|  | Jib on board |  | Without jib on board |  | Standard |  | Stabilizing bar |
|  | Horizontal boom angle |  | Number of vacuum pads |  | Factory max. load |  | Building site max. load |

Remarks referring to load chart

- The load charts are calculated according to EN 13000.
- For the calculation of the load charts at least a wind speed of 9m/s (33km/h) and regarding the load a sail area of 1m² per ton load and a wind resistance coefficient of 1.2 on the load have been taken into account. For lifting of loads with large sail areas and/or high wind resistance coefficients the maximum wind speed as stated in the load charts has to be reduced.
- Lifting capacities are given in kilograms.
- The weight of the hook blocks and hooks is part of the load and therefore it must be deducted from the lifting capacities.
- Working radii are measured from the slewing centre.
- The lifting capacities given for the telescopic boom apply if the folding jib is removed.
- Subject to modification of lifting capacities.

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Blank area for notes.

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DEALER



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