



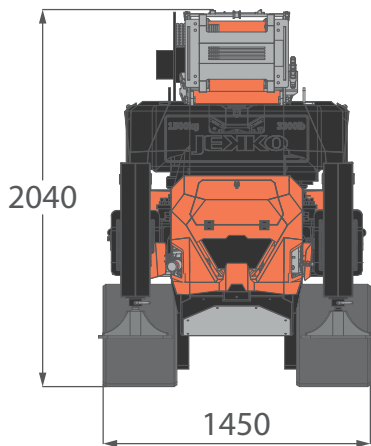
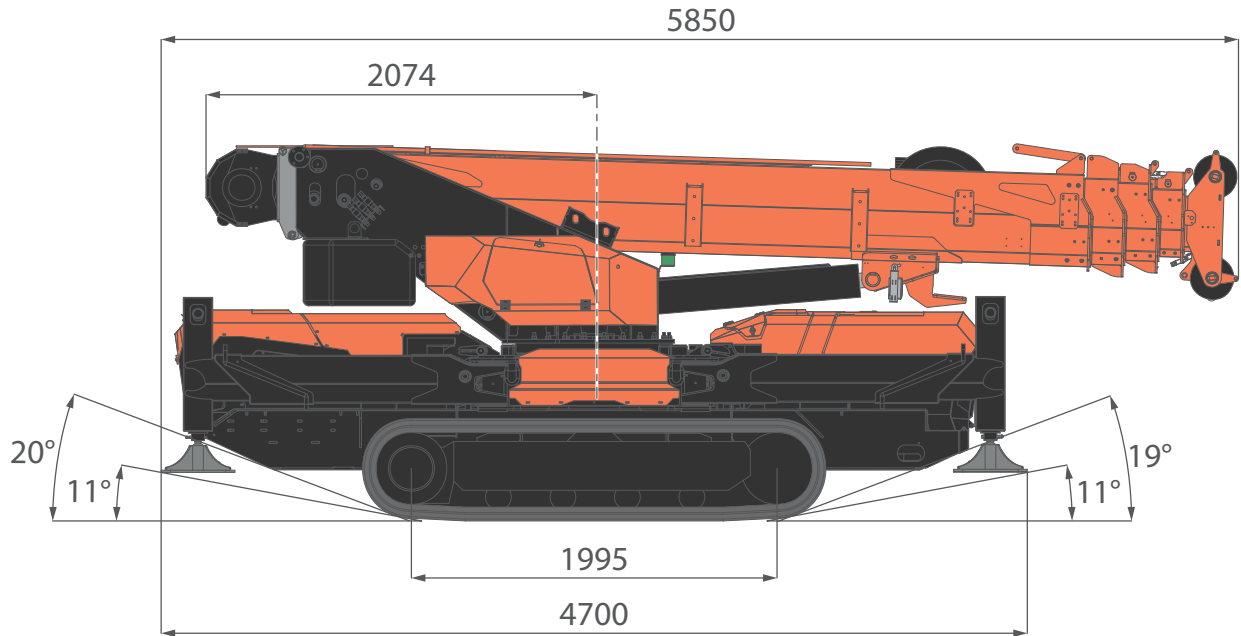
Technical Data

Specification & Capacities

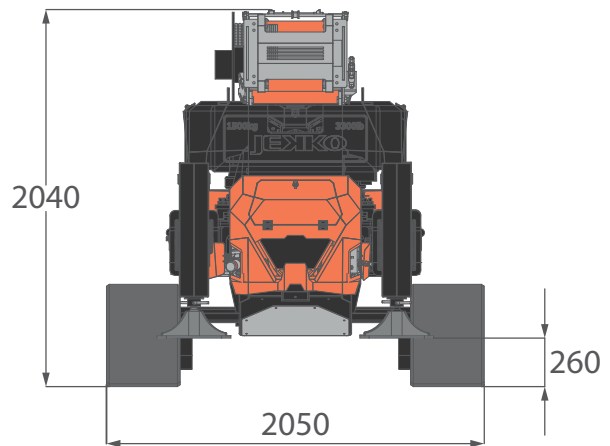
SPX1280

OVERALL DIMENSIONS

SPX1280CDH

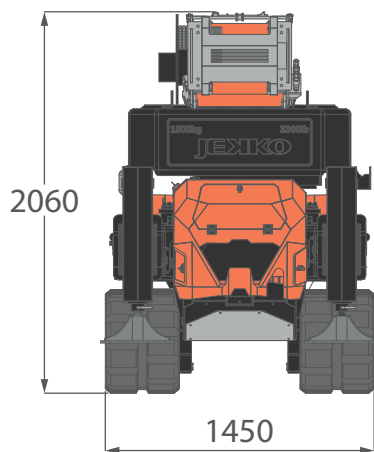
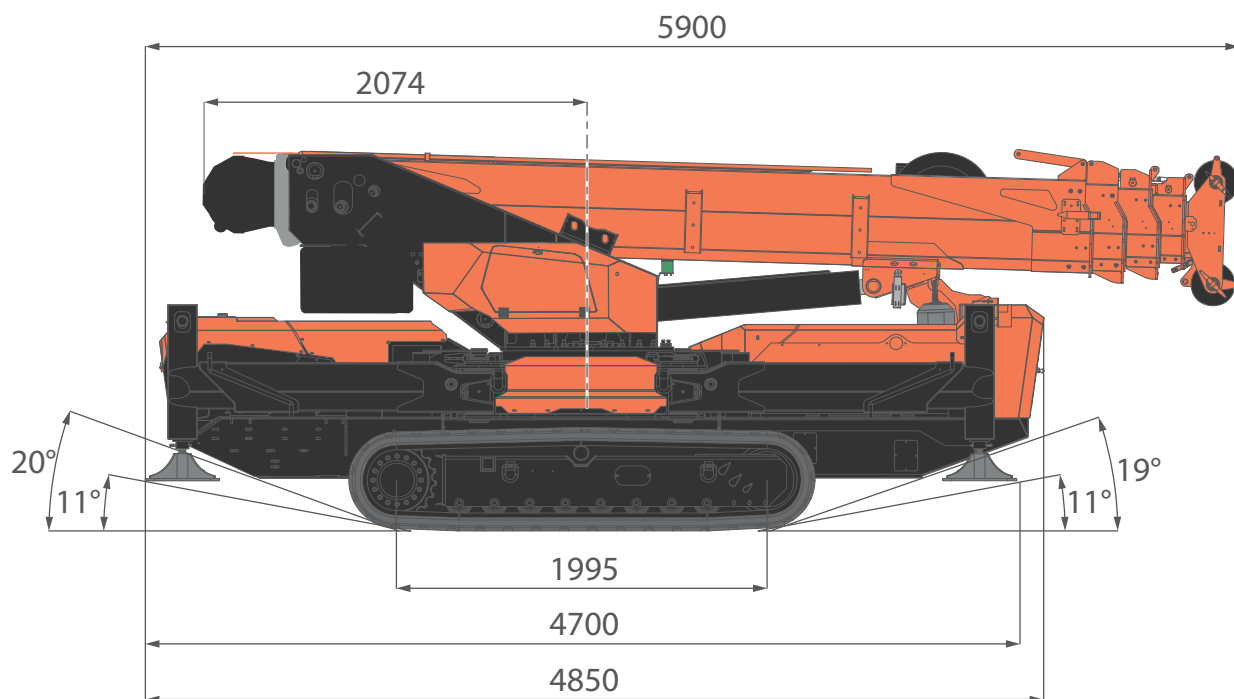


**CLOSED
TRACKS**

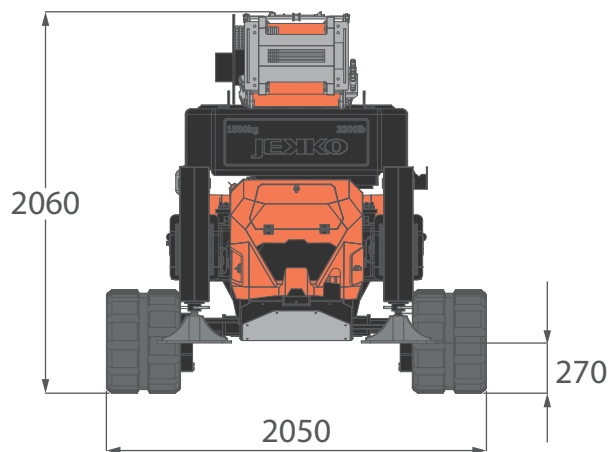


**EXTENDED
TRACKS**

OVERALL DIMENSIONS SPX1280CL3

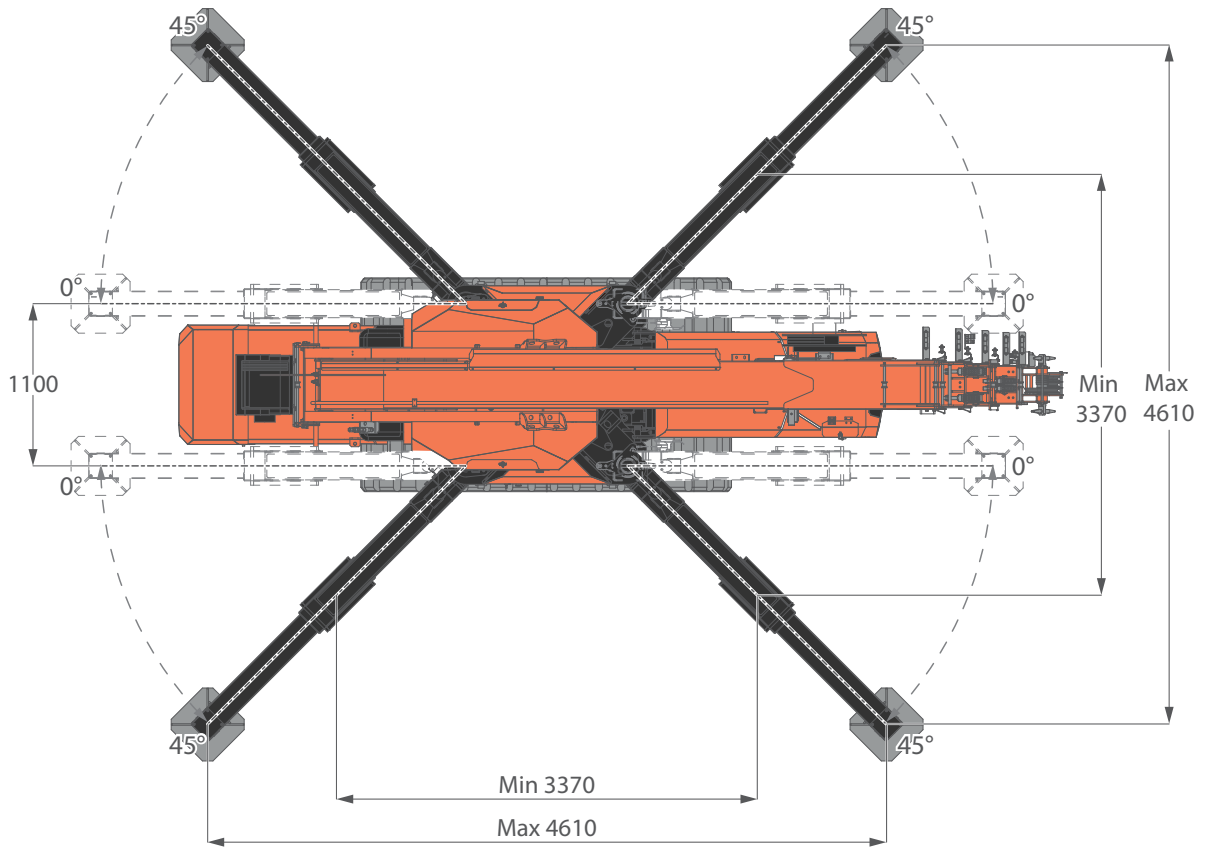


**CLOSED
TRACKS**

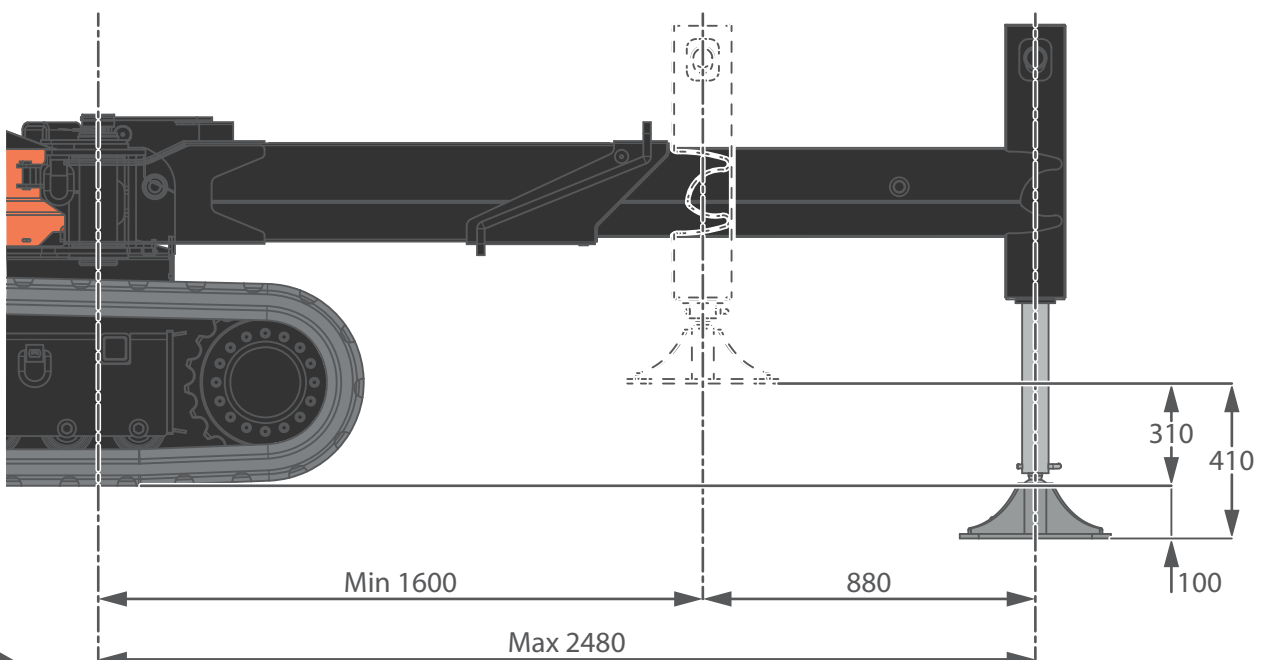


**EXTENDED
TRACKS**











OVERALL DIMENSIONS STABILITY DIMENSIONS




OVERALL DIMENSIONS



OVERALL INFORMATIONS

| | | NAME | DESCRIPTION | U.M | VALUE |
|---|--|----------------------------|--------------------|-----------|----------|
| CRANE INFO |  | OVERALL DIMENSIONS CDH | Height | mm | 2.040 |
| | | | Length | | 5.850 |
| | | | Width | | 1.450 |
| | | OVERALL DIMENSIONS CL3 | Height | mm | 2.060 |
| | | | Length | | 5.900 |
| | | | Width | | 1.450 |
| |  | BOOM | Length | m | 4,9-17,7 |
| | | | Speed | s | 40 |
| |  | SLEWING | Angle | ° | 360° |
| | | | Speed | rpm | 1 |
| |  | LIFTING | Angle | ° | 0°/50° |
| | | | Speed | s | 35 |
| |  | MAX CAPACITY | | kg | 8.000 |
| |  | MAX OUTRIGGER BEARING LOAD | CDH | kg | 6.800‡ |
| | | | CL3 | | 7.500‡ |
|  | TRACK LOAD | CDH | kg/cm ² | 0,72 | |
| | | CL3 | | 0,79 | |
|  | Travel Speed | | km/h | 1,3/2,8 | |
|  | Gradeability | | ° | 20°{36%}‡ | |
|  | Working Temperature | | °C | -20°/+40° | |
| | Lifting Class (UNI 4301-1) | | A1 | | |





| | | | | | |
|---------|---|---------------|---------------|----|--------|
| WEIGHTS |  | CRANE | CDH | kg | 7.100* |
| | | | CL3 | | 7.900* |
| | | COUNTERWEIGHT | All | kg | 1.500 |
| | | HOOKBLOCK | Overhaul ball | kg | 42 |
| | | | 3.2T-D10 | | 35 |
| | | | 8.5T-D10 | | 110 |



*: Dry weight


‡: Engine working limit

‡: Static lifting



OVERALL INFORMATION

| ACCESSORIES |  | JIB | 3502GX | kg | 70 |
|-------------|---|----------------------|-------------------|----|-----|
| | | | 1502.1FL | kg | 265 |
| | | | 1502.3HX | kg | 675 |
| |  | HYDRAULIC ACTIVATION | HA - SPX1280 | kg | 40 |
| |  | WINTER KIT | WUK-04 | kg | 3 |
| |  | POWERPACK | 3-Phase Powerpack | kg | 140 |

| ENGINE |  | ENGINE CDH | Power supply | Diesel | |
|--------|---|--------------|--------------|-----------------|------|
| | | | Power | kW | 18,5 |
| | | | | HP | 25 |
| | Tank capacity | L | 24 | | |
| |  | ELECTRIC CL3 | Power supply | Lithium Battery | |
| | | | Voltage | V | 96 |
| Ah | | | | 400 | |
| Power | kW | 20 | | | |

| HYDRAULIC SYSTEM |  | Working Pressure | | bar | 230 |
|------------------|---|------------------|-----------------|----------------------|----------|
| | | Tank Capacity | | L | 105 |
| | | OIL | Type | Biodegradable | ISO VG46 |
| | | | Viscosity Grade | VG | 46 |
| | | MAIN PUMP CDH | Type | Axial Piston Pump | |
| | | | Displacement | cm ³ /rev | 45 |
| | | | Max Oil Flow | L/min | 95 |
| | | MAIN PUMP CL3 | Displacement | cm ³ /rev | 38 |
| Max Oil Flow | L/min | | 65 | | |

WINCH PERFORMANCE

| WINCH | Layer | | Max line pull | Standard rope speed  | Highest rope speed  |
|-------|-------|--------|---------------|---|--|
| | | | kg | m/min | m/min |
| | 1 | | 2.072* | 46,4 | 83,5 |
| | 2 | | 1.893* | 50,7 | 91,4 |
| | 3 | | 1.743* | 55,1 | 99,3 |
| | 4 | | 1.615* | 59,5 | 107,2 |
| 5 | | 1.504* | 63,8 | 115,1 | |

| ROPE | Wire rope | Max load | ∅ | Total length |
|------|-------------------------------------|----------|----|--------------|
| | | kg | mm | m |
| | 19x7 right lang lay Non rotating | 9.480 | 10 | 125 |

| HOOK BLOCK | Block type | Load | N° of | |
|-------------------|---------------------|-------|---------|-------|
| | | | Sheaves | Lines |
| | Triple pulley block | 8.000 | 3 | 6 |
| 7.500 | | 2 | 5 | |
| 6.000 | | 2 | 4 | |
| 4.500 | | 1 | 3 | |
| 3.000 | | 1 | 2 | |
| Single fall block | 1.500 | - | 1 | |

*: LMI limited at 1500 kg.

†: Maximum speed and maximum lifting capacity cannot be contemporary.

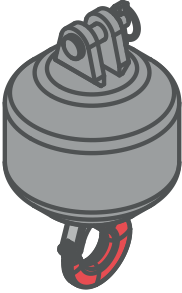
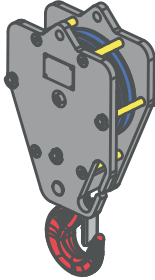
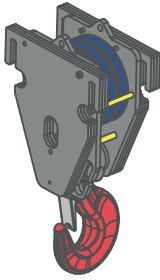


: Test made in full force/low speed mode.

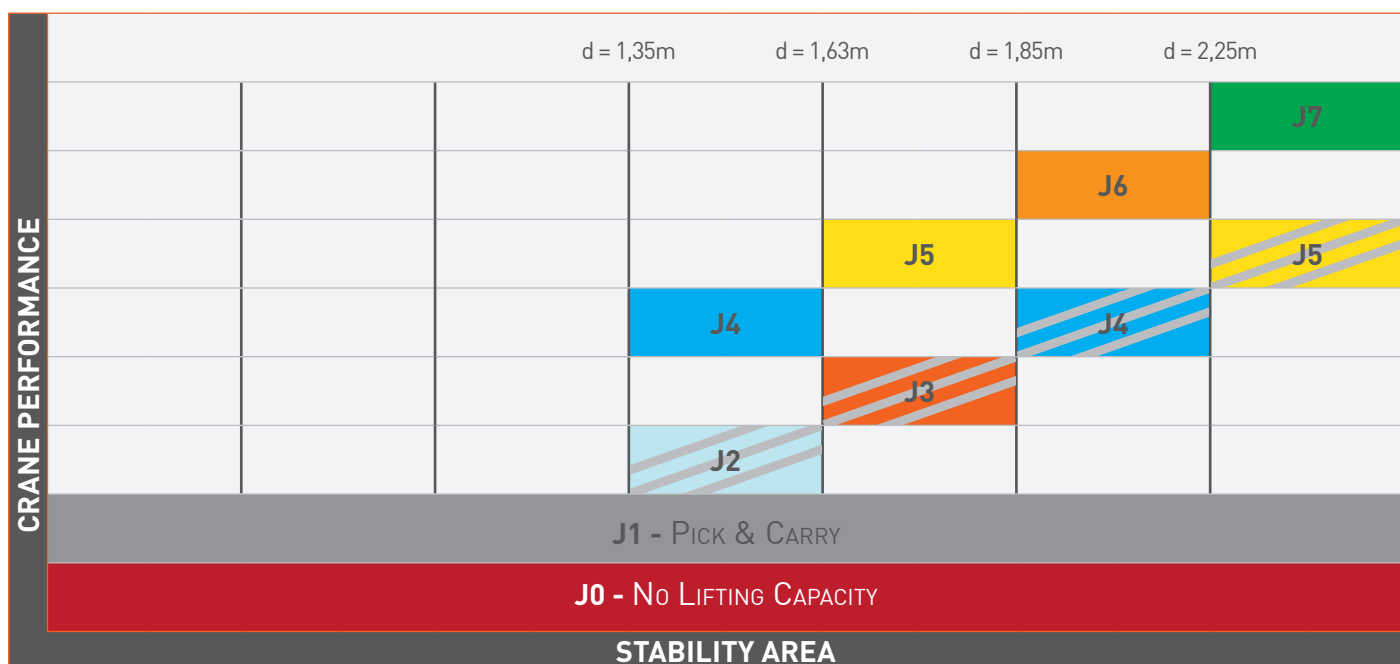


: Test made in full speed/low force mode.

PULLEY HEAD AND HOOKBLOCK

| HOOK BLOCKS | | | |
|-------------------|---|---|---|
| | Overhaul ball | 3.2T-D10 | 8.5T-D10 |
| MODEL |  |  |  |
| MAX SWL | 2.000 kg | 3.200 kg | 8.500 kg |
| NUMBER OF PULLEYS | --- | 1 | 3 |
| NUMBER OF FALLS | 1 | 2 | 2-6 |

CRANE PERFORMANCE

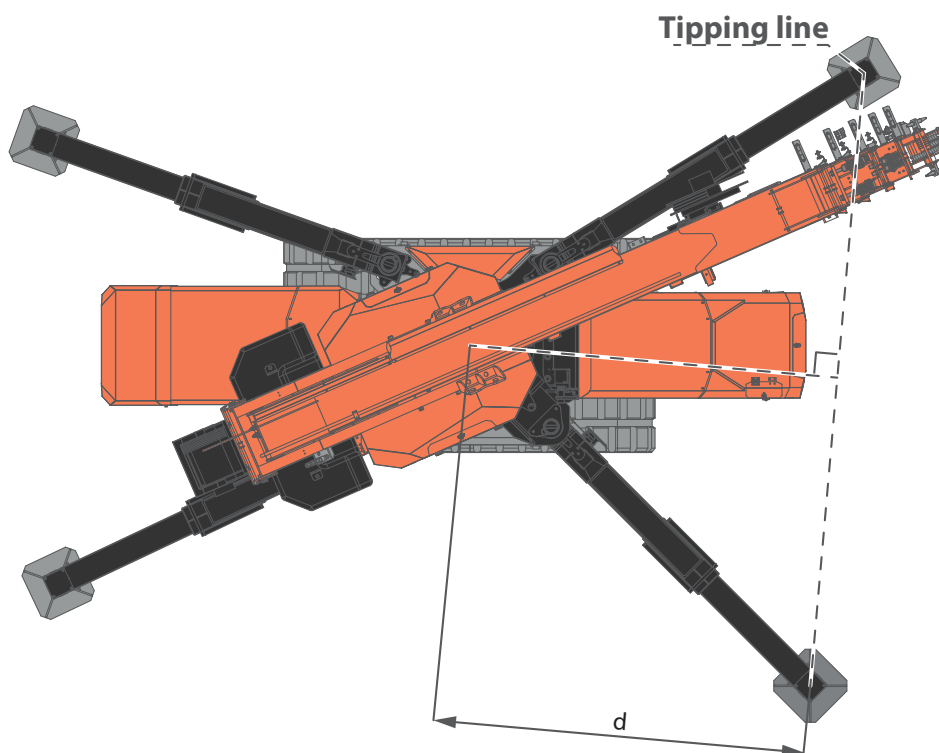


J: Stability level with J7 being the maximum and J2 the minimum, J1 is Pick&Carry only and J0 has no lifting capacity.

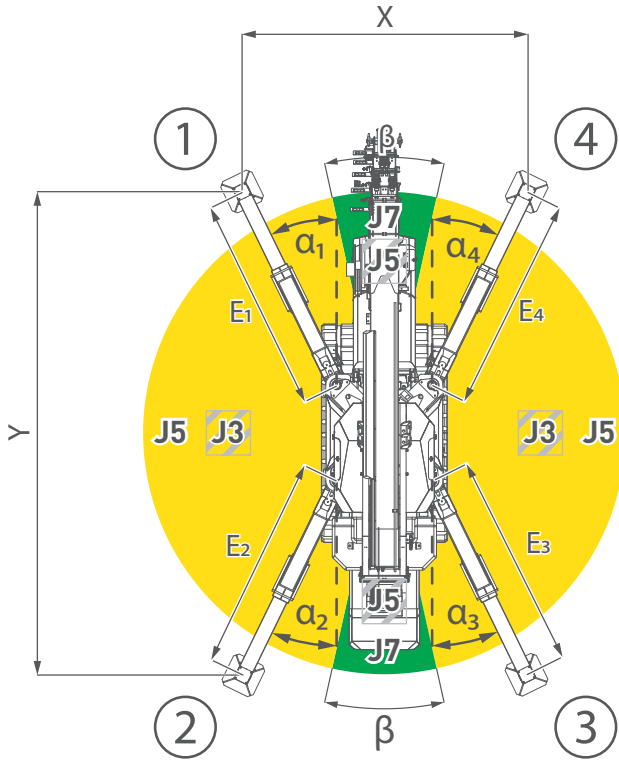
d: Perpendicular distance between the overturning line and the center of rotation.

■ Full counterweight installed ▨ No counterweight installed

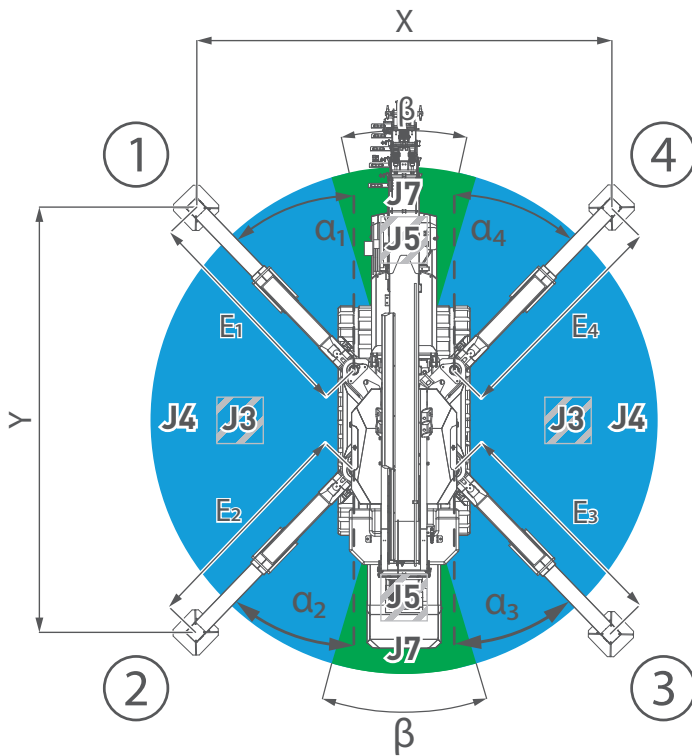
TIPPING LINE



CRANE PERFORMANCE STABILITY EXAMPLES

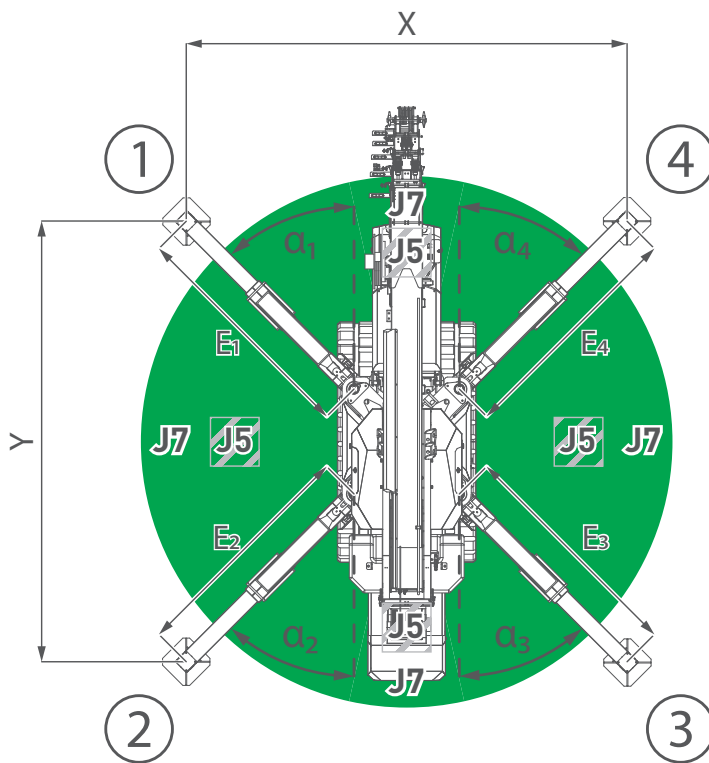


| FULL SYMMETRIC STABILITY | | | |
|--------------------------|----------------|-------|--|
| FOOTPRINT DIMENSIONS | Main Boom | | |
| | X | 3,3 m | |
| Y | 5,5 m | | |
| OUTRIGGERS ANGLES | α_1 | 26° | |
| | α_2 | 26° | |
| | α_3 | 26° | |
| | α_4 | 26° | |
| OUTRIGGERS EXTENSIONS | E ₁ | 2,5 m | |
| | E ₂ | 2,5 m | |
| | E ₃ | 2,5 m | |
| | E ₄ | 2,5 m | |
| J7 | β | 25° | |

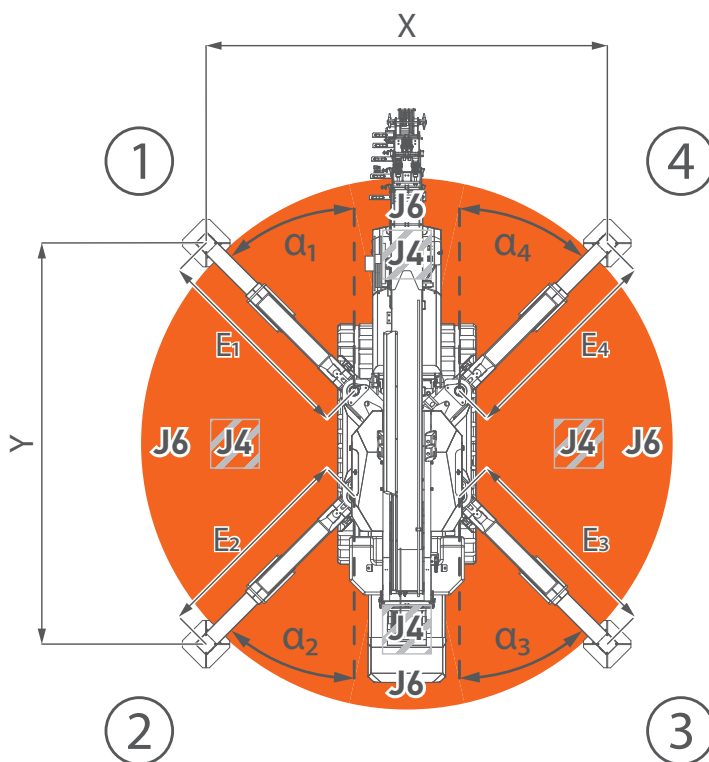


| FULL SYMMETRIC STABILITY | | | |
|--------------------------|----------------|-------|--|
| FOOTPRINT DIMENSIONS | with Jib H | | |
| | X | 3,7 m | |
| Y | 5,3 m | | |
| OUTRIGGERS ANGLES | α_1 | 32° | |
| | α_2 | 32° | |
| | α_3 | 32° | |
| | α_4 | 32° | |
| OUTRIGGERS EXTENSIONS | E ₁ | 2,5 | |
| | E ₂ | 2,5 | |
| | E ₃ | 2,5 | |
| | E ₄ | 2,5 | |
| J7 | β | 40° | |

CRANE PERFORMANCE STABILITY EXAMPLES

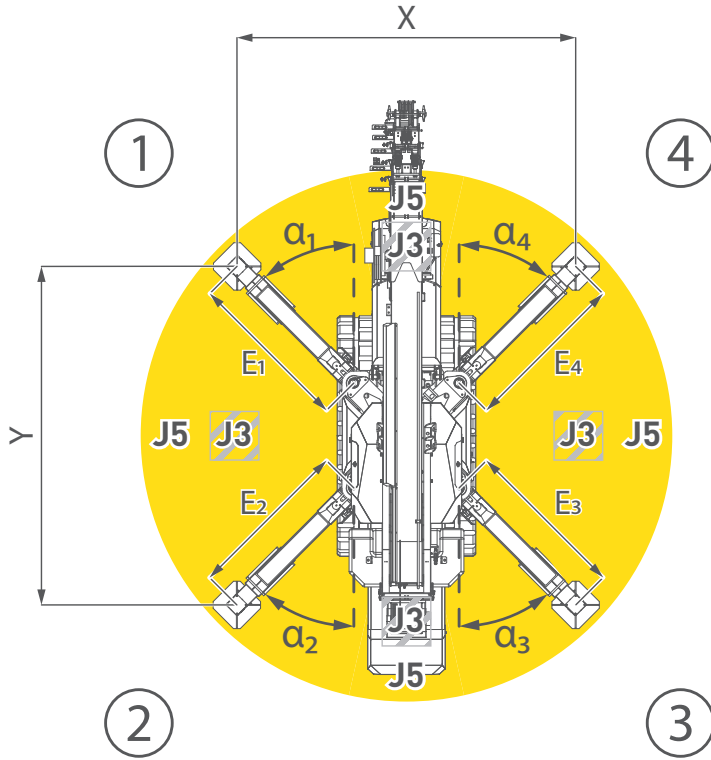


| FULL SYMMETRIC STABILITY | | |
|--------------------------|----------------|------------|
| | Main Boom | with Jib H |
| FOOTPRINT DIMENSIONS | X | 4,6 m |
| | Y | 4,6 m |
| OUTRIGGERS ANGLES | α_1 | 45° |
| | α_2 | 45° |
| | α_3 | 45° |
| | α_4 | 45° |
| OUTRIGGERS EXTENSIONS | E ₁ | 2,5 m |
| | E ₂ | 2,5 m |
| | E ₃ | 2,5 m |
| | E ₄ | 2,5 m |

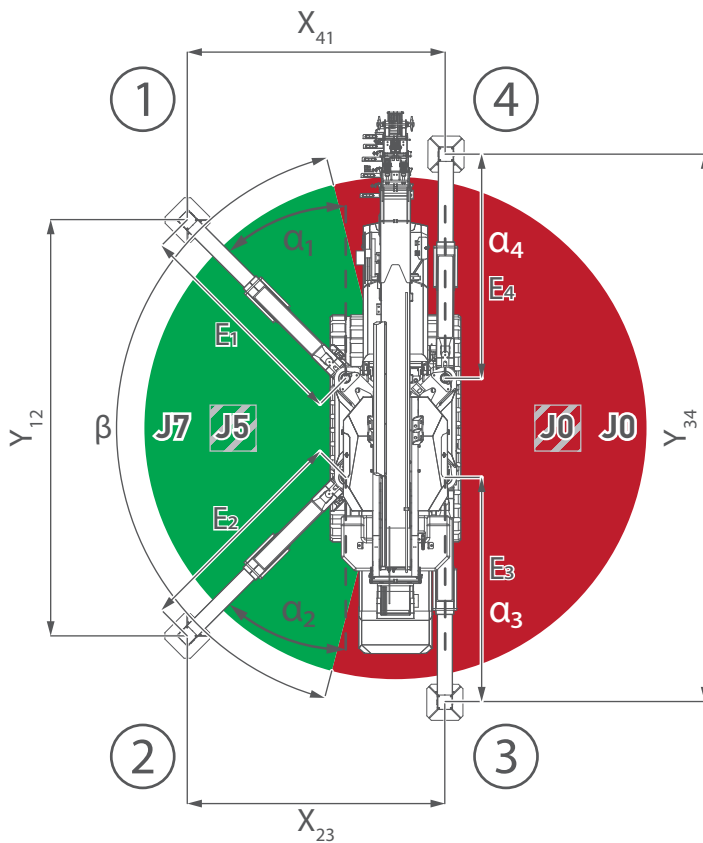


| HALF SYMMETRIC STABILITY | | |
|--------------------------|----------------|------------|
| | Main Boom | with Jib H |
| FOOTPRINT DIMENSIONS | X | 4,0 m |
| | Y | 4,0 m |
| OUTRIGGERS ANGLES | α_1 | 45° |
| | α_2 | 45° |
| | α_3 | 45° |
| | α_4 | 45° |
| OUTRIGGERS EXTENSIONS | E ₁ | 2,0 m |
| | E ₂ | 2,0 m |
| | E ₃ | 2,0 m |
| | E ₄ | 2,0 m |

CRANE PERFORMANCE STABILITY EXAMPLES

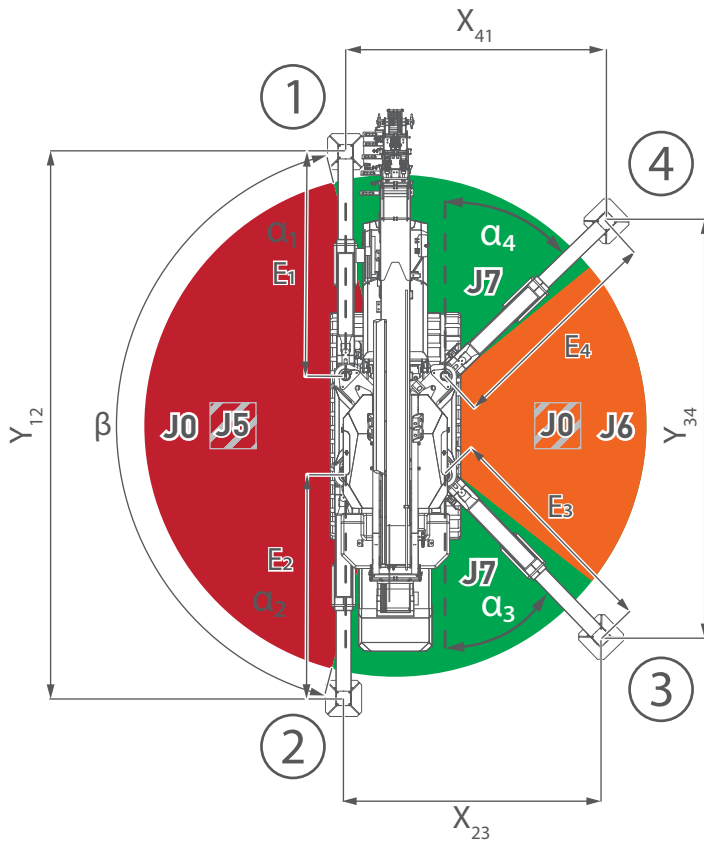


| MINIMUM SYMMETRIC STABILITY | | |
|-----------------------------|----------------|------------|
| | Main Boom | with Jib H |
| FOOTPRINT DIMENSIONS | X | 3,4 m |
| | Y | 3,4 m |
| OUTRIGGERS ANGLES | α_1 | 45° |
| | α_2 | 45° |
| | α_3 | 45° |
| | α_4 | 45° |
| OUTRIGGERS EXTENSIONS | E ₁ | 1,6 m |
| | E ₂ | 1,6 m |
| | E ₃ | 1,6 m |
| | E ₄ | 1,6 m |



| ASYMMETRIC STABILITY ON SIDE | | |
|------------------------------|-----------------|-------|
| | with Jib H | |
| FOOTPRINT DIMENSIONS | X ₄₁ | 2,9 m |
| | Y ₁₂ | 4,7 m |
| | X ₂₃ | 2,9 m |
| | Y ₃₄ | 6,0 m |
| OUTRIGGERS ANGLES | α_1 | 44° |
| | α_2 | 44° |
| | α_3 | 0° |
| | α_4 | 0° |
| OUTRIGGERS EXTENSIONS | E ₁ | 2,5 m |
| | E ₂ | 2,5 m |
| | E ₃ | 2,5 m |
| | E ₄ | 2,5 m |
| J7 | β | 151° |

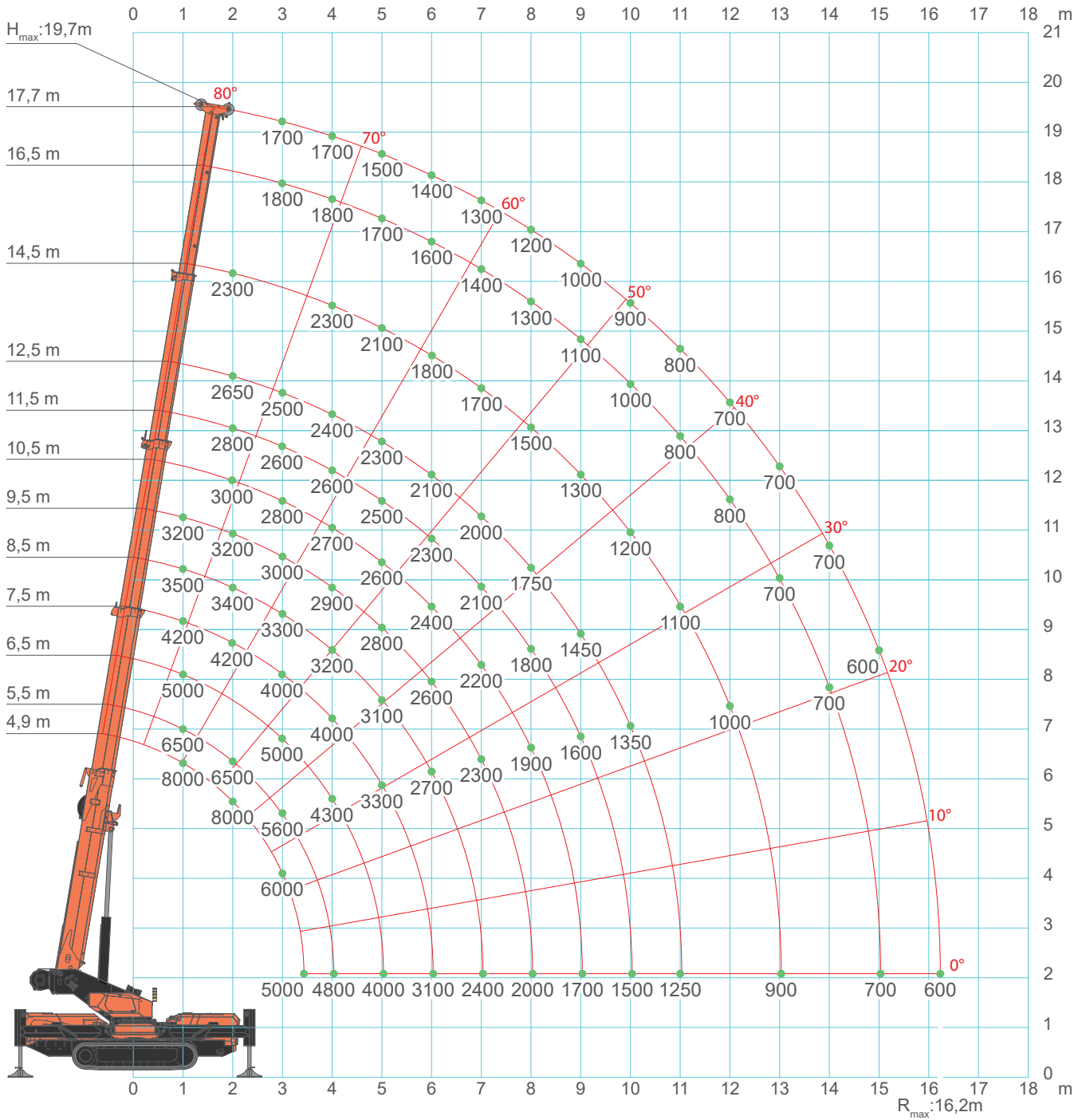
CRANE PERFORMANCE STABILITY EXAMPLES



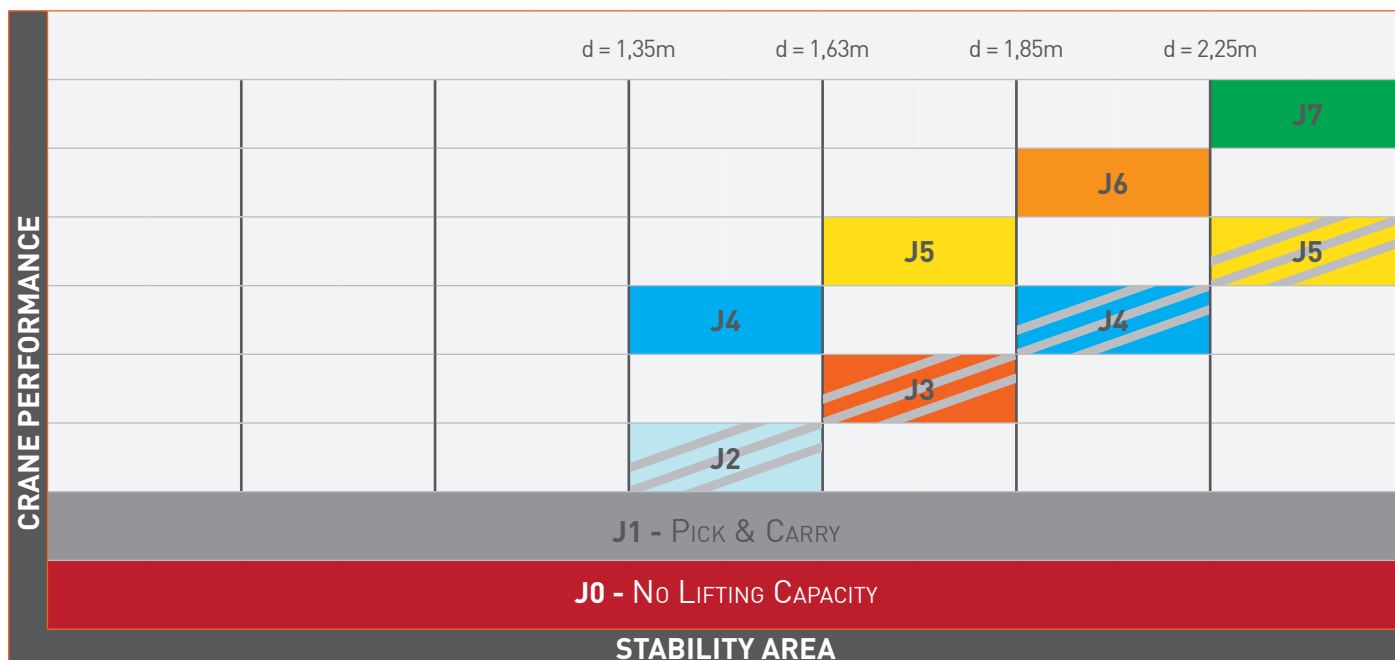
| ASYMMETRIC STABILITY ON SIDE | | |
|------------------------------|------------|-------|
| with Jib H | | |
| FOOTPRINT DIMENSIONS | X_{41} | 2,6 m |
| | Y_{12} | 6,0 m |
| | X_{23} | 2,6 m |
| | Y_{34} | 4,6 m |
| OUTRIGGERS ANGLES | α_1 | 44° |
| | α_2 | 44° |
| | α_3 | 0° |
| | α_4 | 0° |
| OUTRIGGERS EXTENSIONS | E_1 | 2,5 m |
| | E_2 | 2,5 m |
| | E_3 | 2,5 m |
| | E_4 | 2,5 m |
| J7 | β | 41° |

SPX1280

SPX1280 - MAIN BOOM



SPX1280 - MAIN BOOM



Full counterweight installed
 No counterweight installed

| CRANE PERFORMANCE: J7 | | | | | | | | | | | | |
|-----------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 6,50 | 5,00 | 4,20 | 3,50 | 3,20 | | | | | | |
| 2 | 8,00 | 6,50 | 5,00 | 4,20 | 3,40 | 3,20 | 3,00 | 2,80 | 2,65 | 2,30 | | |
| 3 | 6,00 | 5,60 | 5,00 | 4,00 | 3,30 | 3,00 | 2,80 | 2,60 | 2,50 | 2,30 | 1,80 | 1,70 |
| 4 | 5,91 | 4,80 | 4,30 | 4,00 | 3,20 | 2,90 | 2,70 | 2,60 | 2,40 | 2,30 | 1,80 | 1,70 |
| 5 | | | 4,00 | 3,30 | 3,10 | 2,80 | 2,60 | 2,50 | 2,30 | 2,10 | 1,70 | 1,50 |
| 6 | | | | 3,10 | 2,70 | 2,60 | 2,40 | 2,30 | 2,10 | 1,80 | 1,60 | 1,40 |
| 7 | | | | | 2,40 | 2,30 | 2,20 | 2,10 | 2,00 | 1,70 | 1,40 | 1,30 |
| 8 | | | | | | 2,00 | 1,90 | 1,80 | 1,75 | 1,50 | 1,30 | 1,20 |
| 9 | | | | | | | 1,70 | 1,60 | 1,45 | 1,30 | 1,10 | 1,00 |
| 10 | | | | | | | | 1,50 | 1,35 | 1,20 | 1,00 | 0,90 |
| 11 | | | | | | | | | 1,25 | 1,10 | 0,80 | 0,80 |
| 13 | | | | | | | | | | 0,90 | 0,70 | 0,70 |
| 15 | | | | | | | | | | | 0,70 | 0,60 |
| 16,2 | | | | | | | | | | | | 0,60 |
| ↑R | [ton] | | | | | | | | | | | |

LC1280_V204_0720_BP_FUNE_J7

SPX1280 - MAIN BOOM



| CRANE PERFORMANCE: J6 | | | | | | | | | | | | |
|-----------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 6,50 | 5,00 | 4,20 | 3,50 | 3,20 | | | | | | |
| 2 | 8,00 | 6,50 | 5,00 | 4,20 | 3,40 | 3,20 | 3,00 | 2,80 | 2,65 | 2,30 | | |
| 3 | 6,00 | 5,60 | 5,00 | 4,00 | 3,30 | 3,00 | 2,80 | 2,50 | 2,30 | 2,20 | 1,70 | 1,55 |
| 4 | 5,40 | 4,45 | 4,10 | 3,85 | 3,00 | 2,75 | 2,60 | 2,45 | 2,20 | 2,10 | 1,60 | 1,45 |
| 5 | | | 3,62 | 3,20 | 3,00 | 2,70 | 2,50 | 2,40 | 2,20 | 2,00 | 1,60 | 1,40 |
| 6 | | | | 2,52 | 2,48 | 2,42 | 2,30 | 2,20 | 2,00 | 1,70 | 1,52 | 1,31 |
| 7 | | | | | 1,90 | 1,87 | 1,85 | 1,80 | 1,68 | 1,58 | 1,34 | 1,20 |
| 8 | | | | | | 1,52 | 1,50 | 1,45 | 1,43 | 1,37 | 1,24 | 1,10 |
| 9 | | | | | | | 1,20 | 1,16 | 1,13 | 1,13 | 1,00 | 0,96 |
| 10 | | | | | | | | 1,02 | 1,00 | 0,89 | 0,85 | 0,80 |
| 11 | | | | | | | | | 0,90 | 0,88 | 0,73 | 0,70 |
| 13 | | | | | | | | | | 0,64 | 0,62 | 0,60 |
| 15 | | | | | | | | | | | 0,50 | 0,50 |
| 16,2 | | | | | | | | | | | | 0,40 |
| ↑R | [ton] | | | | | | | | | | | |

LC1280_V204_0720_BP_FUNE_J6



| CRANE PERFORMANCE: J5 | | | | | | | | | | | | |
|-----------------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 6,50 | 5,00 | 4,20 | 3,50 | 3,20 | | | | | | |
| 2 | 8,00 | 6,50 | 5,00 | 4,20 | 3,40 | 3,20 | 3,00 | 2,80 | 2,65 | 2,30 | | |
| 3 | 6,00 | 5,60 | 5,00 | 4,00 | 3,30 | 3,00 | 2,80 | 2,50 | 2,30 | 2,20 | 1,70 | 1,55 |
| 4 | 4,60 | 4,45 | 4,10 | 3,85 | 3,00 | 2,75 | 2,60 | 2,45 | 2,20 | 2,10 | 1,60 | 1,45 |
| 5 | | | 2,90 | 2,90 | 2,80 | 2,70 | 2,50 | 2,40 | 2,20 | 2,00 | 1,60 | 1,40 |
| 6 | | | | 2,00 | 2,00 | 2,00 | 2,00 | 2,00 | 2,00 | 1,70 | 1,52 | 1,31 |
| 7 | | | | | 1,50 | 1,50 | 1,45 | 1,45 | 1,40 | 1,40 | 1,34 | 1,20 |
| 8 | | | | | | 1,22 | 1,22 | 1,20 | 1,20 | 1,15 | 1,15 | 1,10 |
| 9 | | | | | | | 1,02 | 1,02 | 1,02 | 1,02 | 1,00 | 0,96 |
| 10 | | | | | | | | 0,83 | 0,83 | 0,83 | 0,83 | 0,80 |
| 11 | | | | | | | | | 0,70 | 0,70 | 0,70 | 0,70 |
| 13 | | | | | | | | | | 0,51 | 0,51 | 0,51 |
| 15 | | | | | | | | | | | 0,37 | 0,37 |
| 16,2 | | | | | | | | | | | | 0,30 |
| ↑R | [ton] | | | | | | | | | | | |

LC1280_V204_0720_BP_FUNE_J5

SPX1280 - MAIN BOOM

|   | | CRANE PERFORMANCE: J4 | | | | | | | | | | |
|---|-------|-----------------------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 6,50 | 5,00 | 4,20 | 3,50 | 3,20 | | | | | | |
| 2 | 8,00 | 6,50 | 5,00 | 4,00 | 3,30 | 2,80 | 2,60 | 2,30 | 2,00 | 1,80 | | |
| 3 | 5,28 | 5,00 | 4,60 | 3,78 | 3,15 | 2,80 | 2,50 | 2,30 | 2,00 | 1,80 | 1,45 | 1,20 |
| 4 | 3,15 | 3,10 | 2,86 | 2,76 | 2,40 | 2,32 | 2,00 | 1,80 | 1,65 | 1,45 | 1,30 | 1,05 |
| 5 | | | 1,94 | 1,90 | 1,84 | 1,78 | 1,70 | 1,60 | 1,50 | 1,30 | 1,10 | 0,90 |
| 6 | | | | 1,28 | 1,23 | 1,21 | 1,21 | 1,21 | 1,10 | 1,00 | 0,90 | 0,74 |
| 7 | | | | | 0,92 | 0,90 | 0,90 | 0,90 | 0,88 | 0,84 | 0,80 | 0,70 |
| 8 | | | | | | 0,75 | 0,74 | 0,74 | 0,72 | 0,70 | 0,70 | 0,68 |
| 9 | | | | | | | 0,55 | 0,52 | 0,50 | 0,48 | 0,45 | 0,45 |
| 10 | | | | | | | | 0,42 | 0,40 | 0,38 | 0,36 | 0,34 |
| 11 | | | | | | | | | 0,35 | 0,32 | 0,30 | 0,28 |
| 13 | | | | | | | | | | 0,18 | 0,15 | 0,15 |
| ↑R | [ton] | | | | | | | | | | | |

LC1280_V204_0720_BP_FUNE_J4

|   | | CRANE PERFORMANCE: J3 | | | | | | | | | | |
|---|-------|-----------------------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 6,50 | 5,00 | 4,20 | 3,50 | 3,20 | | | | | | |
| 2 | 7,00 | 5,50 | 4,20 | 3,50 | 3,00 | 2,60 | 2,20 | 2,00 | 1,60 | 1,45 | | |
| 3 | 5,20 | 4,80 | 4,00 | 3,30 | 3,00 | 2,10 | 1,85 | 1,80 | 1,50 | 1,40 | 1,30 | 1,00 |
| 4 | 3,00 | 2,80 | 2,50 | 2,40 | 2,10 | 1,90 | 1,80 | 1,70 | 1,45 | 1,35 | 1,10 | 0,80 |
| 5 | | | 1,73 | 1,73 | 1,73 | 1,70 | 1,65 | 1,45 | 1,28 | 1,20 | 0,90 | 0,65 |
| 6 | | | | 1,14 | 1,14 | 1,14 | 1,14 | 1,14 | 1,10 | 1,00 | 0,75 | 0,50 |
| 7 | | | | | 0,84 | 0,84 | 0,84 | 0,84 | 0,84 | 0,80 | 0,70 | 0,45 |
| 8 | | | | | | 0,64 | 0,62 | 0,62 | 0,62 | 0,60 | 0,60 | 0,42 |
| 9 | | | | | | | 0,50 | 0,48 | 0,48 | 0,46 | 0,45 | 0,38 |
| 10 | | | | | | | | 0,35 | 0,35 | 0,35 | 0,35 | 0,30 |
| 11 | | | | | | | | | 0,25 | 0,25 | 0,25 | 0,25 |
| ↑R | [ton] | | | | | | | | | | | |

LC1280_V204_0720_BP_FUNE_J3

SPX1280 - MAIN BOOM

| | | CRANE PERFORMANCE: J2 | | | | | | | | | | |
|-----|-------|-----------------------|------|------|------|------|------|------|------|------|------|------|
| L → | 4,9 | 5,5 | 6,5 | 7,5 | 8,5 | 9,5 | 10,5 | 11,5 | 12,5 | 14,5 | 16,5 | 17,7 |
| 1 | 8,00 | 4,20 | 3,50 | 3,20 | 3,00 | 2,50 | | | | | | |
| 2 | 5,00 | 4,00 | 3,00 | 2,80 | 2,40 | 2,20 | 2,00 | 1,60 | 1,10 | 1,00 | | |
| 3 | 3,00 | 2,80 | 2,60 | 2,00 | 1,80 | 1,60 | 1,30 | 1,20 | 1,00 | 0,90 | 0,85 | 0,80 |
| 4 | 1,60 | 1,50 | 1,45 | 1,30 | 1,20 | 1,15 | 1,10 | 1,00 | 0,90 | 0,85 | 0,80 | 0,70 |
| 5 | | | 1,00 | 0,95 | 0,90 | 0,90 | 0,86 | 0,84 | 0,80 | 0,75 | 0,60 | 0,50 |
| 6 | | | | 0,35 | 0,32 | 0,32 | 0,30 | 0,30 | 0,30 | 0,28 | 0,27 | 0,25 |
| 7 | | | | | 0,20 | 0,18 | 0,18 | 0,16 | 0,16 | 0,15 | 0,15 | 0,14 |
| 8 | | | | | | 0,15 | 0,14 | 0,13 | 0,13 | 0,12 | 0,12 | 0,10 |
| ↑R | [ton] | | | | | | | | | | | |

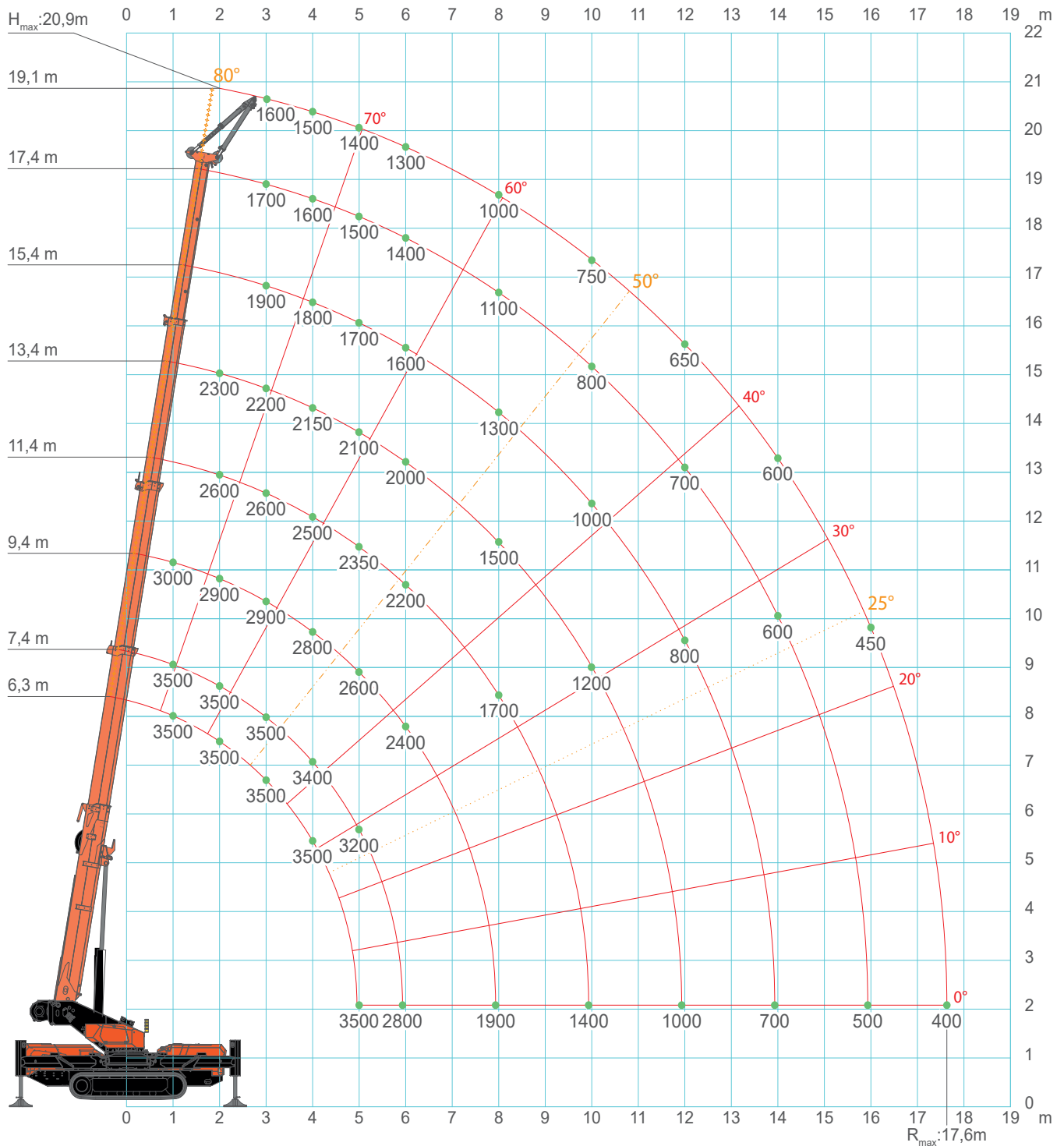
LC1280_V204_0720_BP_FUNE_J2

| | | CRANE PERFORMANCE: J1 (Pick & Carry) | | | | |
|-----|-------|---|------|------|------|--|
| L → | 4,9 | 5,5 | 6,1 | 6,8 | 7,5 | |
| 2 | 2,00 | 2,00 | 2,00 | 1,00 | 0,50 | |
| 3 | 1,50 | 1,50 | 1,30 | 0,75 | 0,45 | |
| 4 | | 0,90 | 0,65 | 0,55 | 0,35 | |
| 4,6 | | | 0,50 | 0,35 | 0,20 | |
| 5,3 | | | | 0,30 | 0,20 | |
| 6 | | | | | 0,15 | |
| ↑R | [ton] | | | | | |

LC1280_V204_0720_BP_FUNE_J1

SPX1280 - JIB3502GX

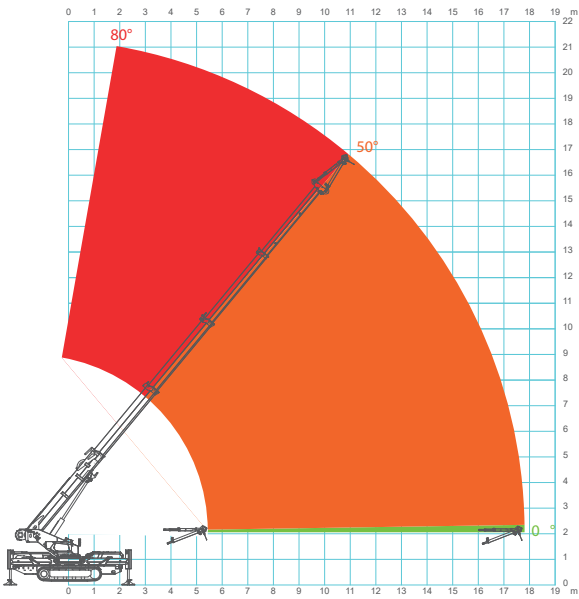
J7



Limits:

- • • • • 25°: max angle with jib in 33° hook configuration.
- . - . - 50°: max angle with jib in 7° hook configuration.
- ◇ ◇ ◇ ◇ 80°: max angle with jib in -21° hook configuration.

SPX1280

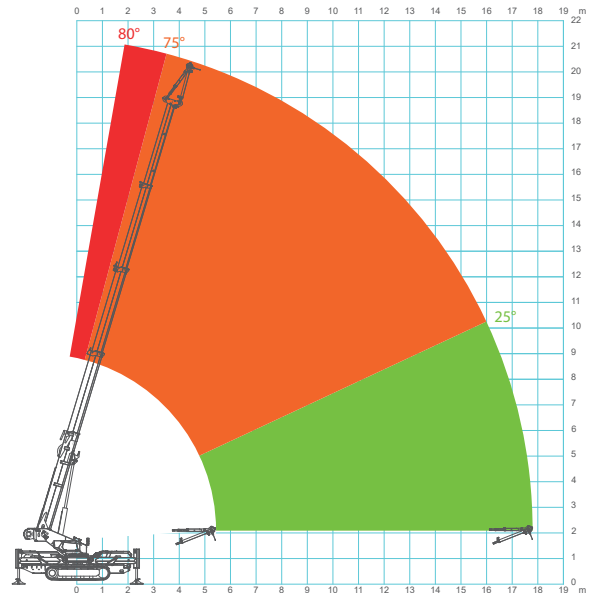


-33°

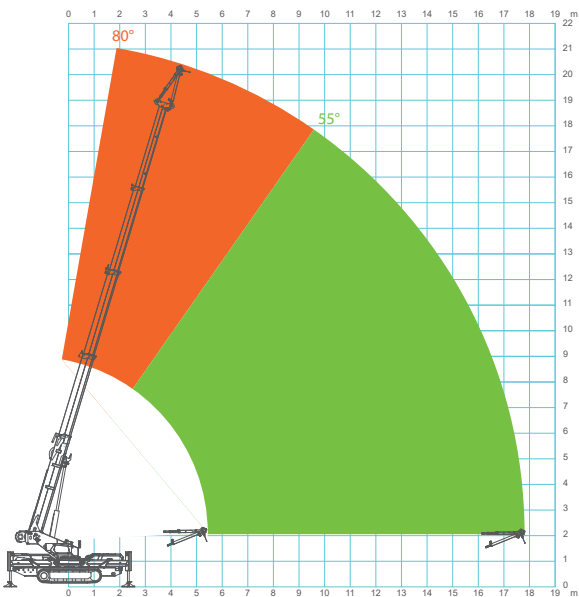
Movement capabilities:

- up to double fall area
- single fall area
- restricted area

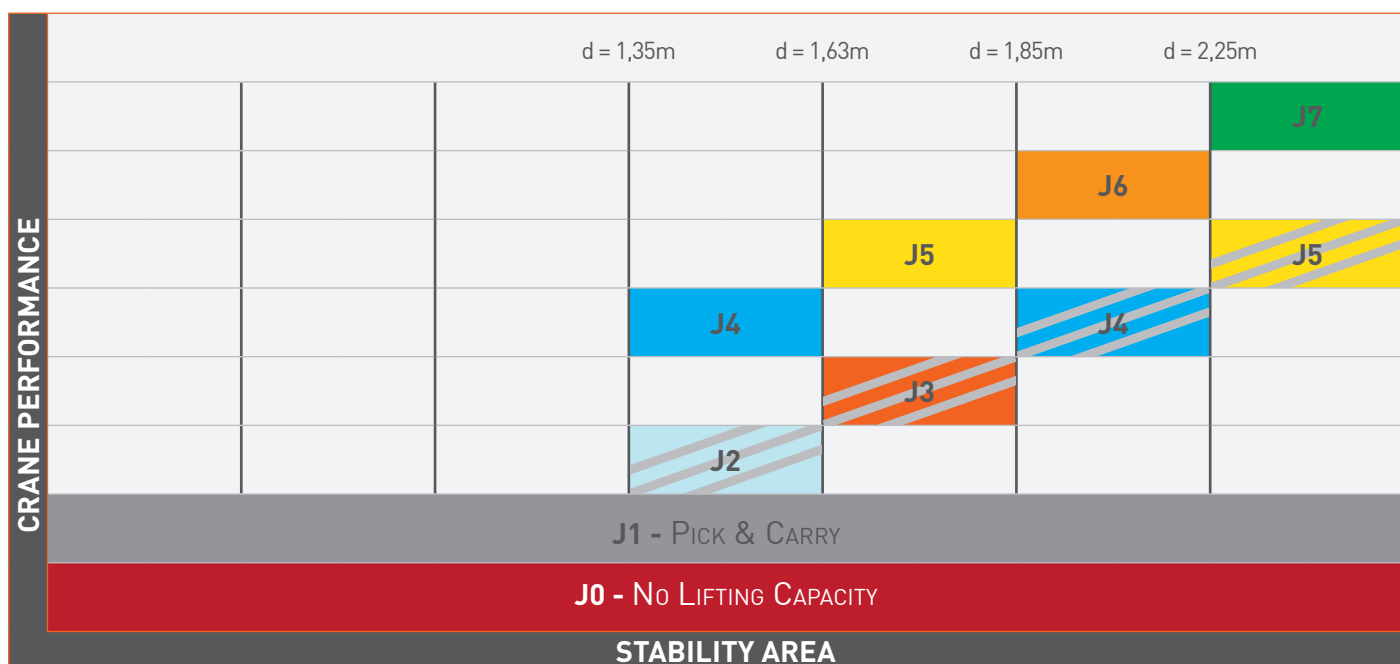
-7°



-22°



SPX1280 - JIB3502GX



Full counterweight installed
 No counterweight installed

| | | CRANE PERFORMANCE: J7 | | | | | | | |
|--------------------|-------|-----------------------|------|------|------|------|------|------|------|
| L → | | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 |
| L+L _J → | | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 |
| 1 | | 3,50 | 3,50 | 3,00 | | | | | |
| 2 | | 3,50 | 3,50 | 2,90 | 2,60 | | | | |
| 3 | | 3,50 | 3,50 | 2,90 | 2,60 | 2,20 | 1,90 | 1,70 | 1,60 |
| 4 | | 3,50 | 3,40 | 2,80 | 2,50 | 2,15 | 1,80 | 1,60 | 1,50 |
| 5 | | 3,50 | 3,20 | 2,60 | 2,35 | 2,10 | 1,70 | 1,50 | 1,40 |
| 6 | | | 2,80 | 2,40 | 2,20 | 2,00 | 1,60 | 1,40 | 1,30 |
| 8 | | | | 1,90 | 1,70 | 1,50 | 1,30 | 1,10 | 1,00 |
| 10 | | | | | 1,40 | 1,20 | 1,00 | 0,80 | 0,75 |
| 12 | | | | | | 1,00 | 0,80 | 0,70 | 0,65 |
| 14 | | | | | | | 0,70 | 0,60 | 0,60 |
| 16 | | | | | | | | 0,50 | 0,45 |
| 17,6 | | | | | | | | | 0,40 |
| ↑R | [ton] | | | | | | | | |

LC1280_V204_0720_RUNNER3500_J7

SPX1280 - JIB3502GX



| | | CRANE PERFORMANCE: J6 | | | | | | | |
|--------------------|-------|-----------------------|-----|-----|------|------|------|------|------|
| L → | | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 |
| L+L _J → | | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 |
| 1 | | 3,5 | 3,5 | 3,0 | | | | | |
| 2 | | 3,5 | 3,5 | 2,9 | 2,6 | | | | |
| 3 | | 3,5 | 3,5 | 2,9 | 2,4 | 2 | 1,7 | 1,4 | 1,3 |
| 4 | | 3,5 | 3,4 | 2,8 | 2,2 | 1,9 | 1,6 | 1,3 | 1,2 |
| 5 | | 3,2 | 3,0 | 2,3 | 2 | 1,8 | 1,5 | 1,3 | 1,1 |
| 6 | | | 2,0 | 1,9 | 1,8 | 1,6 | 1,4 | 1,2 | 1,0 |
| 8 | | | | 1,3 | 1,3 | 1,2 | 1,0 | 0,9 | 0,75 |
| 10 | | | | | 1,0 | 1,0 | 0,9 | 0,7 | 0,6 |
| 12 | | | | | | 0,6 | 0,6 | 0,6 | 0,5 |
| 14 | | | | | | | 0,45 | 0,45 | 0,45 |
| 16 | | | | | | | | 0,3 | 0,3 |
| 17,6 | | | | | | | | | 0,25 |
| ↑R | [ton] | | | | | | | | |

LC1280_V204_0720_RUNNER3500_J6



| | | CRANE PERFORMANCE: J5 | | | | | | | |
|--------------------|-------|-----------------------|------|------|------|------|------|------|------|
| L → | | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 |
| L+L _J → | | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 |
| 1 | | 3,50 | 3,50 | 3,00 | | | | | |
| 2 | | 3,50 | 3,50 | 2,90 | 2,60 | | | | |
| 3 | | 3,50 | 3,50 | 2,90 | 2,40 | 2,00 | 1,55 | 1,25 | 1,10 |
| 4 | | 3,40 | 3,00 | 2,40 | 2,00 | 1,90 | 1,40 | 1,20 | 1,00 |
| 5 | | 2,50 | 2,00 | 1,90 | 1,85 | 1,80 | 1,30 | 1,10 | 0,90 |
| 6 | | | 1,80 | 1,60 | 1,40 | 1,30 | 1,20 | 1,00 | 0,80 |
| 8 | | | | 1,10 | 1,00 | 1,00 | 0,85 | 0,80 | 0,75 |
| 10 | | | | | 0,70 | 0,70 | 0,68 | 0,65 | 0,60 |
| 12 | | | | | | 0,50 | 0,50 | 0,50 | 0,50 |
| 14 | | | | | | | 0,35 | 0,35 | 0,35 |
| 16 | | | | | | | | 0,25 | 0,25 |
| 17,6 | | | | | | | | | 0,18 |
| ↑R | [ton] | | | | | | | | |

LC1280_V204_0720_RUNNER3500_J5

SPX1280 - JIB3502GX

|   | | CRANE PERFORMANCE: J4 | | | | | | | |
|---|-------|------------------------------|------|------|------|------|------|------|--|
| L → | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 | |
| L+L _J → | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 | |
| 1 | 3,50 | 3,20 | 2,50 | | | | | | |
| 2 | 3,20 | 3,20 | 2,10 | 2,00 | | | | | |
| 3 | 1,80 | 1,60 | 1,50 | 1,40 | 1,20 | 1,10 | 0,85 | 0,70 | |
| 4 | 1,70 | 1,60 | 1,40 | 1,25 | 1,00 | 0,90 | 0,70 | 0,60 | |
| 5 | 1,60 | 1,60 | 1,30 | 1,20 | 0,95 | 0,85 | 0,60 | 0,50 | |
| 6 | | 1,00 | 0,90 | 0,80 | 0,70 | 0,50 | 0,40 | 0,35 | |
| 8 | | | 0,65 | 0,60 | 0,55 | 0,40 | 0,35 | 0,25 | |
| 10 | | | | 0,35 | 0,32 | 0,30 | 0,24 | 0,20 | |
| 12 | | | | | 0,25 | 0,20 | 0,20 | 0,15 | |
| 14 | | | | | | 0,12 | 0,12 | 0,12 | |
| ↑R | [ton] | | | | | | | | |

LC1280_V204_0720_RUNNER3500_J4

|   | | CRANE PERFORMANCE: J3 | | | | | | | |
|---|-------|------------------------------|------|------|------|------|------|------|--|
| L → | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 | |
| L+L _J → | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 | |
| 1 | 3,50 | 3,00 | 2,00 | | | | | | |
| 2 | 2,00 | 1,40 | 1,30 | 1,20 | | | | | |
| 3 | 1,20 | 1,10 | 0,90 | 0,80 | 0,80 | 0,70 | 0,60 | 0,45 | |
| 4 | 1,00 | 1,00 | 0,80 | 0,70 | 0,70 | 0,60 | 0,50 | 0,40 | |
| 5 | 0,80 | 0,80 | 0,70 | 0,60 | 0,60 | 0,50 | 0,40 | 0,30 | |
| 6 | | 0,50 | 0,50 | 0,40 | 0,40 | 0,40 | 0,30 | 0,20 | |
| 8 | | | 0,35 | 0,30 | 0,30 | 0,25 | 0,20 | 0,15 | |
| 10 | | | | 0,15 | 0,15 | 0,12 | 0,10 | 0,10 | |
| ↑R | [ton] | | | | | | | | |

LC1280_V204_0720_RUNNER3500_J3

SPX1280 - JIB3502GX

| | | CRANE PERFORMANCE: J2 | | | | | | | |
|--------------------|-------|-----------------------|------|------|------|------|------|------|------|
| L → | | 4,9 | 6,0 | 8,0 | 10,0 | 12,0 | 14,0 | 16,0 | 17,7 |
| L+L _J → | | 6,3 | 7,4 | 9,4 | 11,4 | 13,4 | 15,4 | 17,4 | 19,1 |
| 1 | | 2,00 | 1,60 | 1,00 | | | | | |
| 2 | | 1,00 | 1,00 | 0,80 | 0,70 | | | | |
| 3 | | 0,80 | 0,60 | 0,50 | 0,50 | 0,40 | 0,35 | 0,30 | 0,20 |
| 4 | | 0,60 | 0,40 | 0,40 | 0,40 | 0,30 | 0,30 | 0,20 | 0,15 |
| 5 | | 0,40 | 0,40 | 0,30 | 0,30 | 0,25 | 0,20 | 0,15 | 0,10 |
| 6 | | | 0,30 | 0,24 | 0,20 | 0,20 | 0,15 | 0,10 | 0,10 |
| 8 | | | | 0,20 | 0,20 | 0,20 | 0,15 | 0,10 | 0,10 |
| ↑R | [ton] | | | | | | | | |

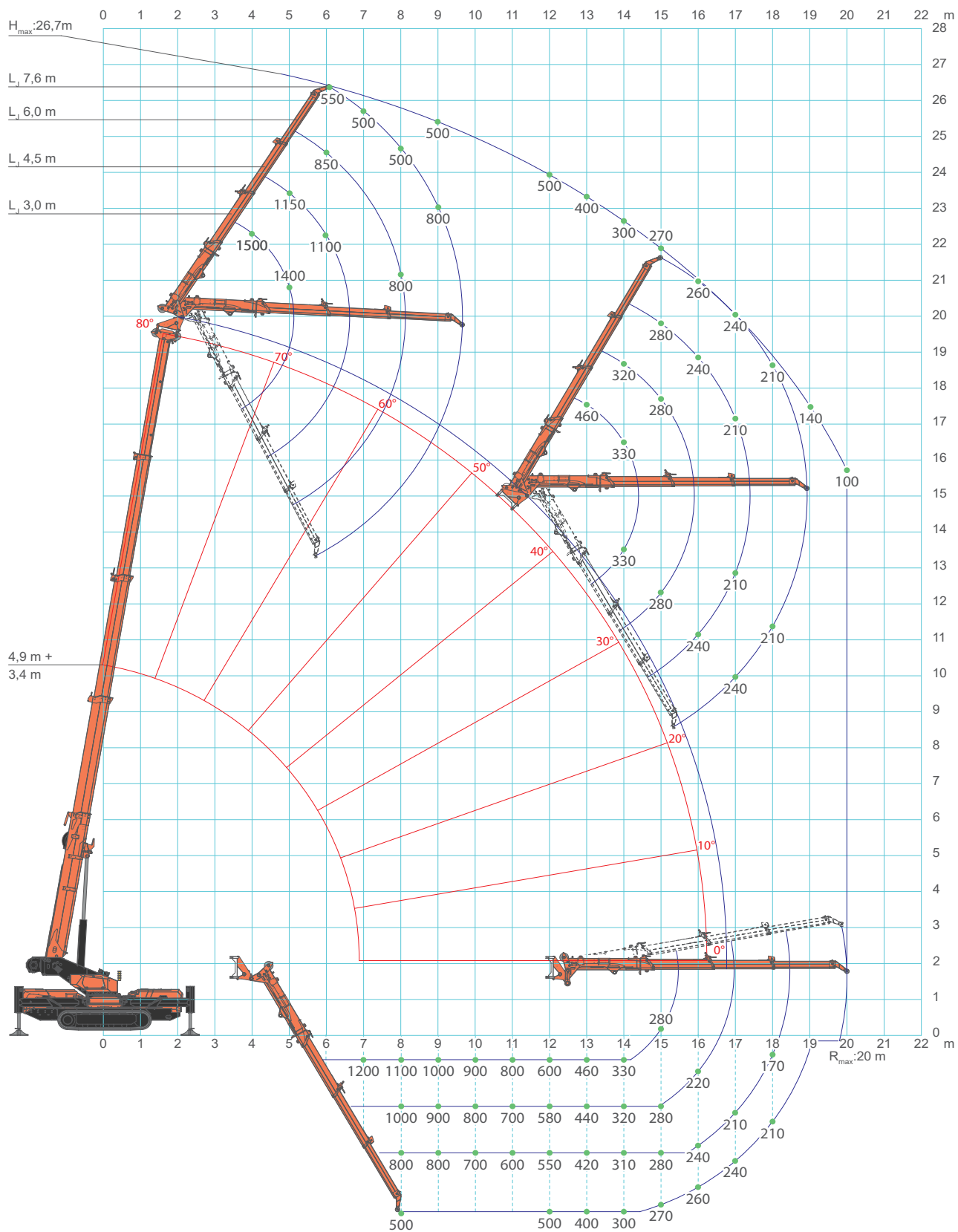
LC1280_V204_0720_RUNNER3500_J2

| | | CRANE PERFORMANCE: J1 (Pick & Carry) | | |
|-----|-------|--------------------------------------|------|------|
| L → | | 4,8 | 5,3 | 6,1 |
| 2 | | 2,00 | 1,00 | 0,50 |
| 3 | | 1,30 | 0,75 | 0,45 |
| 4 | | 0,65 | 0,55 | 0,35 |
| 4,6 | | 0,50 | 0,35 | 0,20 |
| 5,3 | | | 0,30 | 0,20 |
| 6 | | | | 0,15 |
| ↑R | [ton] | | | |

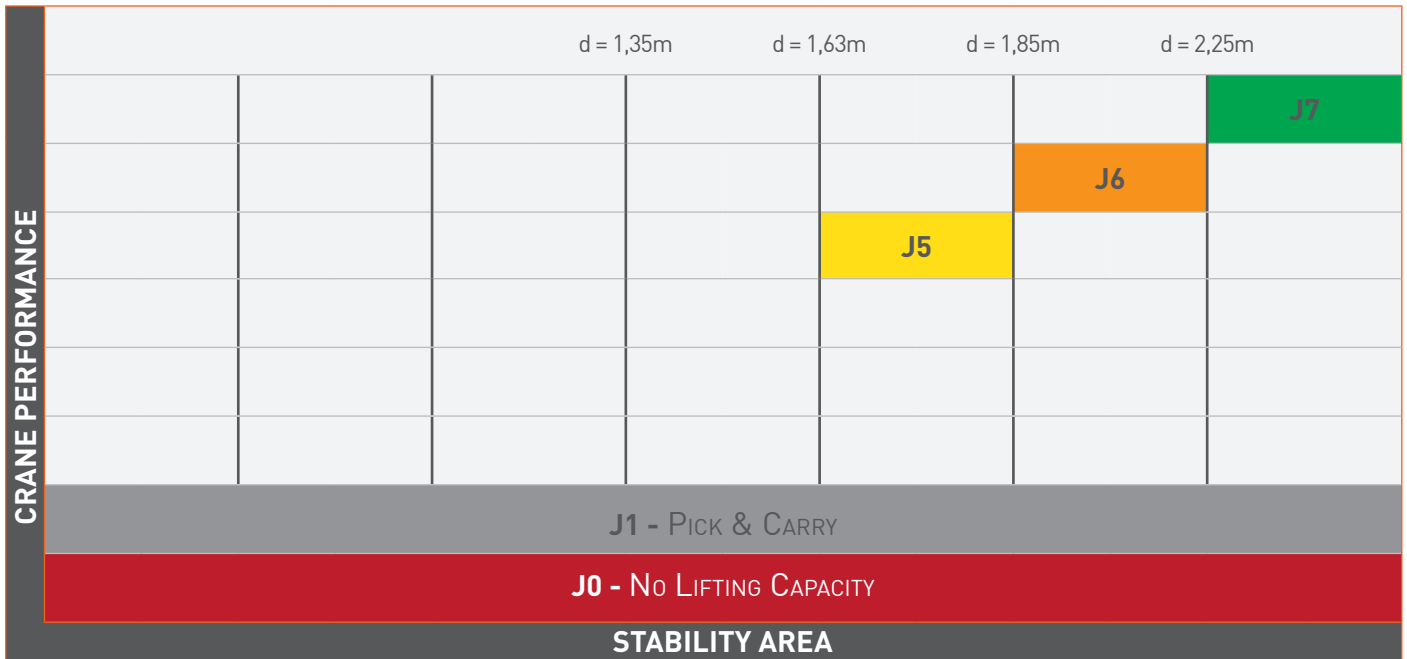
LC1280_V204_0720_RUNNER3500_J1

SPX1280 - JIB1502.3HX

J7



SPX1280 - JIB1502.3HX






Full counterweight installed
 No counterweight installed

SPX1280 - JIB1502.3HX

| | | CRANE PERFORMANCE: J7 | | | |
|------------------|-------|------------------------------------|------|------|--|
| L _j → | 3,0 | 4,5 | 6,0 | 7,5 | |
| 4 | 1,50 | | | | |
| 5 | 1,40 | 1,15 | | | |
| 6 | 1,30 | 1,10 | 0,85 | 0,55 | |
| 7 | 1,20 | 1,05 | 0,80 | 0,50 | |
| 8 | 1,10 | 1,00 | 0,80 | 0,50 | |
| 9 | 1,00 | 0,90 | 0,80 | 0,50 | |
| 10 | 0,90 | 0,80 | 0,70 | 0,50 | |
| 11 | 0,80 | 0,70 | 0,60 | 0,50 | |
| 12 | 0,60 | 0,58 | 0,55 | 0,50 | |
| 13 | 0,46 | 0,44 | 0,42 | 0,40 | |
| 14 | 0,33 | 0,32 | 0,31 | 0,30 | |
| 15 | 0,28 | 0,28 | 0,28 | 0,27 | |
| 16 | 0,20 | 0,22 | 0,24 | 0,26 | |
| 17 | 0,12 | 0,18 | 0,21 | 0,24 | |
| 18 | | 0,11 | 0,17 | 0,21 | |
| 19 | | | 0,11 | 0,14 | |
| 20 | | | | 0,10 | |
| ↑R | [ton] | LC1280_V204_0720_JIB1500_GANCIO_J7 | | | |

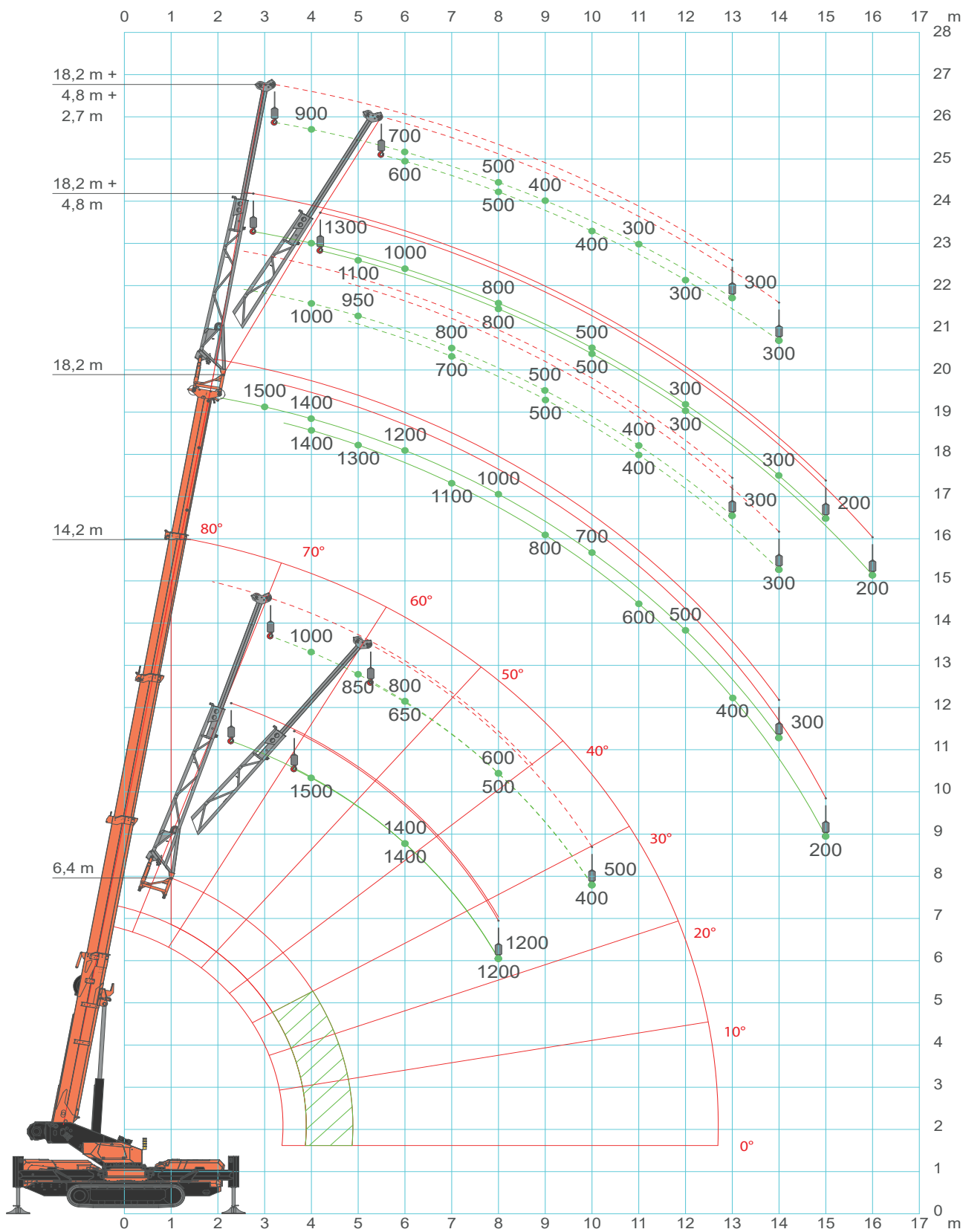
SPX1280 - JIB1502.3HX

| | | CRANE PERFORMANCE: J6 | | | |
|---|-------------------|---|------|------|------|
|   | $L_j \rightarrow$ | 3,0 | 4,5 | 6,0 | 7,5 |
| | 4 | 1,40 | | | |
| | 5 | 1,30 | 1,00 | | |
| | 6 | 1,00 | 1,00 | 0,80 | 0,50 |
| | 7 | 0,80 | 0,70 | 0,60 | 0,50 |
| | 8 | 0,60 | 0,55 | 0,50 | 0,45 |
| | 9 | 0,40 | 0,40 | 0,40 | 0,40 |
| | 10 | 0,30 | 0,36 | 0,36 | 0,32 |
| | 11 | 0,24 | 0,28 | 0,28 | 0,27 |
| | 12 | 0,20 | 0,22 | 0,24 | 0,26 |
| | 13 | 0,12 | 0,18 | 0,21 | 0,24 |
| | 14 | | 0,11 | 0,17 | 0,20 |
| | 15 | | | 0,11 | 0,10 |
| $\uparrow R$ | [ton] | <small>LC1280_V204_0720_JIB1500_GANCIO_J6</small> | | | |

| | | CRANE PERFORMANCE: J5 | | | |
|---|-------------------|---|------|------|------|
|   | $L_j \rightarrow$ | 3,0 | 4,5 | 6,0 | 7,6 |
| | 4 | 1,40 | | | |
| | 5 | 1,30 | 1,00 | | |
| | 6 | 1,00 | 1,00 | 0,80 | 0,50 |
| | 7 | 0,80 | 0,70 | 0,60 | 0,50 |
| | 8 | 0,60 | 0,55 | 0,50 | 0,45 |
| | 9 | 0,40 | 0,40 | 0,40 | 0,40 |
| | 10 | 0,25 | 0,25 | 0,25 | 0,25 |
| | 11 | 0,12 | 0,12 | 0,12 | 0,12 |
| $\uparrow R$ | [ton] | <small>LC1280_V204_0720_JIB1500_GANCIO_J5</small> | | | |

SPX1280 - JIB1502.1FL

J7



SPX1280 - JIB1502.1FL

| | | d = 1,35m | | d = 1,63m | | d = 1,85m | | d = 2,25m | |
|---------------------------------|--|-----------|--|-----------|--|-----------|--|-----------|-----------|
| CRANE PERFORMANCE | | | | | | | | | J7 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| J1 - PICK & CARRY | | | | | | | | | |
| J0 - No LIFTING CAPACITY | | | | | | | | | |
| STABILITY AREA | | | | | | | | | |

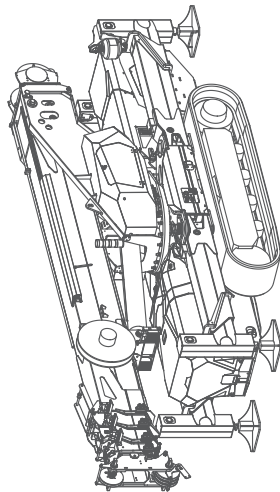
Full counterweight installed
 No counterweight installed

| CRANE PERFORMANCE: J7 | | |
|-----------------------|-------|------|
| L _j → | 4,3 | 7,0 |
| 1 | 1,50 | 1,00 |
| 2 | 1,50 | 1,00 |
| 3 | 1,50 | 1,00 |
| 4 | 1,50 | 1,00 |
| 5 | 1,50 | 0,95 |
| 6 | 1,40 | 0,90 |
| 7 | 1,30 | 0,80 |
| 8 | 1,20 | 0,65 |
| 9 | 0,95 | 0,60 |
| 10 | 0,85 | 0,55 |
| 11 | 0,67 | 0,42 |
| 12 | 0,60 | 0,40 |
| 13 | 0,45 | 0,38 |
| 14 | 0,37 | 0,35 |
| 15 | 0,32 | 0,30 |
| 16 | 0,30 | 0,25 |
| ↑R | [ton] | |



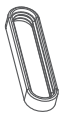





LC1280_V204_0720_JIB1500_GANCIO_J7

ACCESSORIES SPX1280CDH




SPX1280CDH




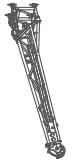



CRANE OPTIONS

- 8.5T-D10 
- HA-SPX1280 
- WT-1280 
- VAI 
- WUK-04.1 
- ARTIC-OIL-1280 
- ARTIC-OIL-SPECIAL 
- OUT-LED-2 

ELECTRIC POWER PACK

- PP220-11D.V07 
- PP400-11D.V06 
- PP440-12D.V04 

ATTACHMENTS & TOOLS

- JIB3502GX 
- JIB1502.1FL 
- JIB1502.3HX 3.2T-D10 
- RP-JIB1502.3HX 
- HA-JIB1502.3HX 

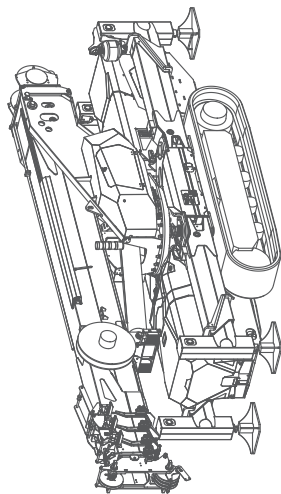
COLOR & STICKERS PERSONALIZATION

-  CRANE
- STANDARD: RAL2004 RAL7021
- CUSTOM: PC02 PC12

WARRANTY EXTENSION



-  2YW-1280
- 3YW-1280

SPX1280CL



ACCESSORIES SPX1280CL3

CRANE OPTIONS






- 8.5T-D10 
- HA-SPX1280 
- WT-1280 
- VAI 
- WUK-04.1 
- ARTIC-OIL-1280 
- ARTIC-OIL-SPECIAL 
- OUT-LED-2 

BATTERY OPT. & CHARGERS




BC4-110V

ATTACHMENTS & TOOLS

- JIB3502GX 
- JIB1502.1FL 
- JIB1502.3HX
3.2T-D10 
- RP-JIB1502.3HX 
- HA-JIB1502.3HX 

COLOR & STICKERS PERSONALIZATION

-  CRANE
- FRAME + OUTRIGGERS
- STANDARD: RAL2004 RAL7021
- CUSTOM: PC02 PC12

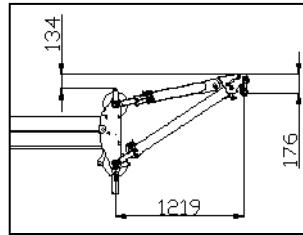
WARRANTY EXTENSION

-  2YW-1280
- 3YW-1280

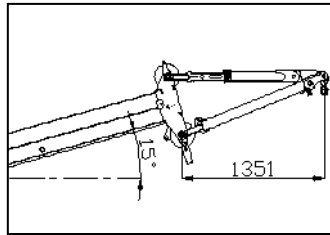
ACCESSORIES FEATURES

JIB3500G

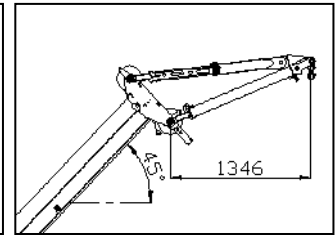
HOOK (3,5Ton)



Up position
(33°)

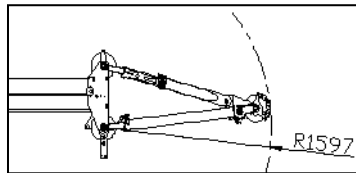


Middle position
(7°)

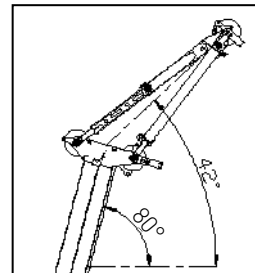


Down position
(-21°)

PULLEY (3,0Ton)



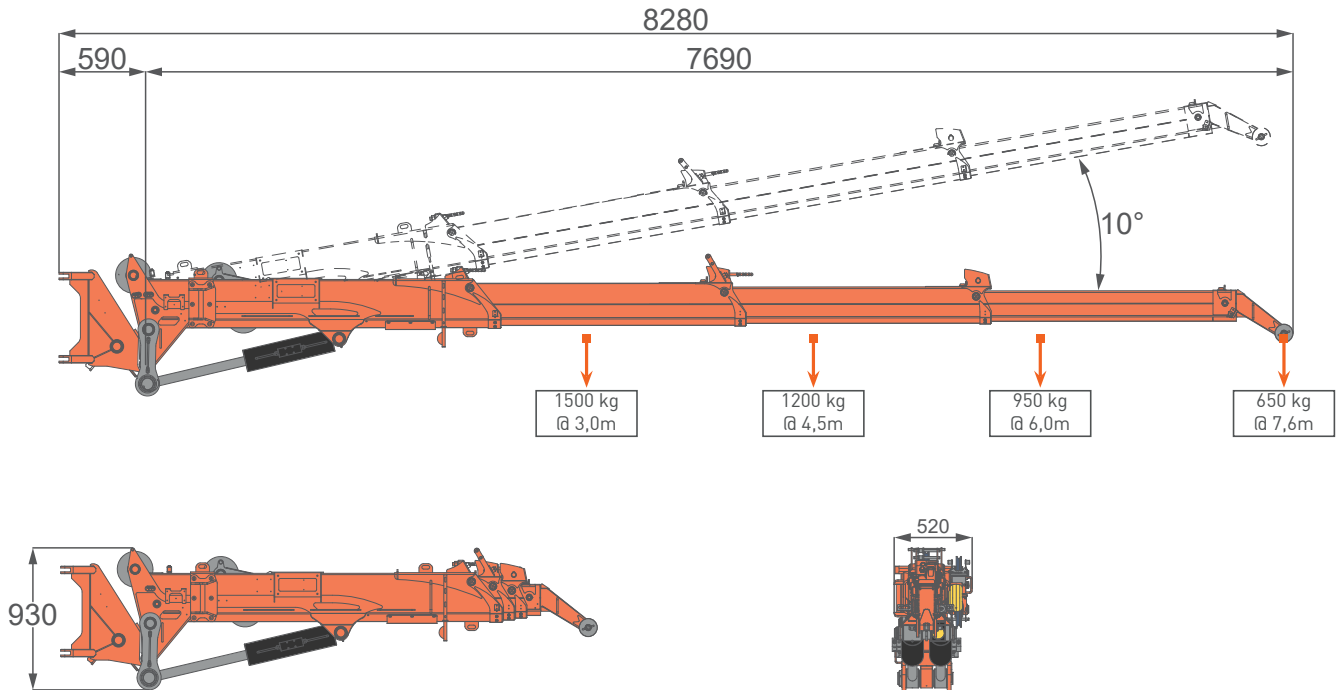
Middle position
(7°)



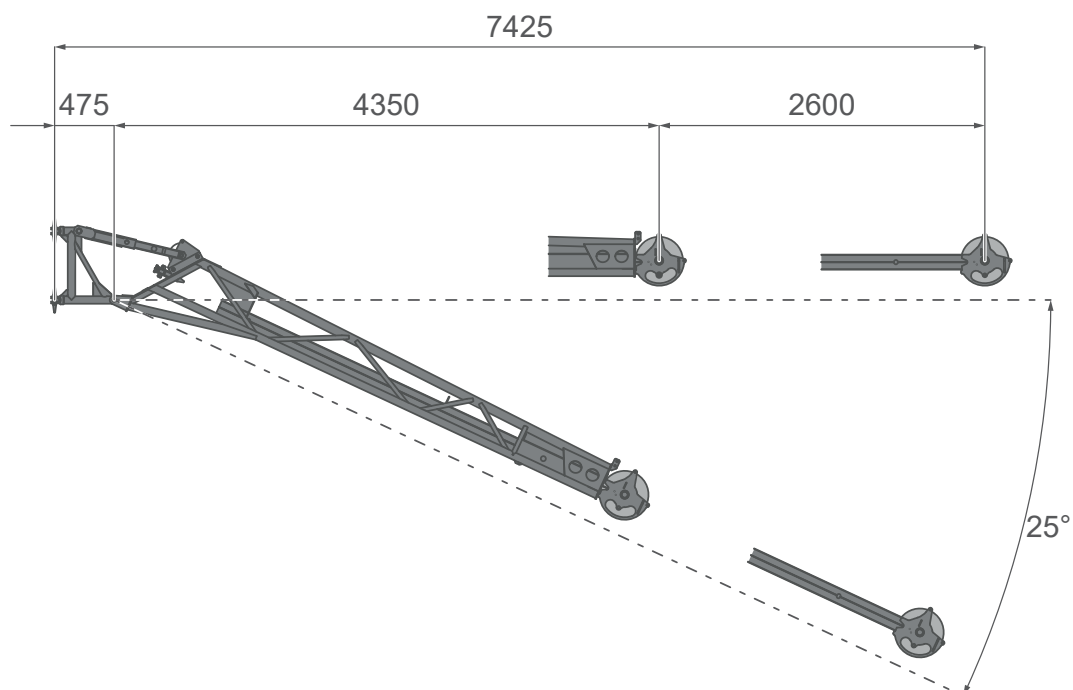
Down position
(-21°)

| | |
|--|----|
| | kg |
| | 70 |



















ACCESSORIES FEATURES JIB1502.3HX



ACCESSORIES FEATURES JIB1502.1FL



SYMBOLS

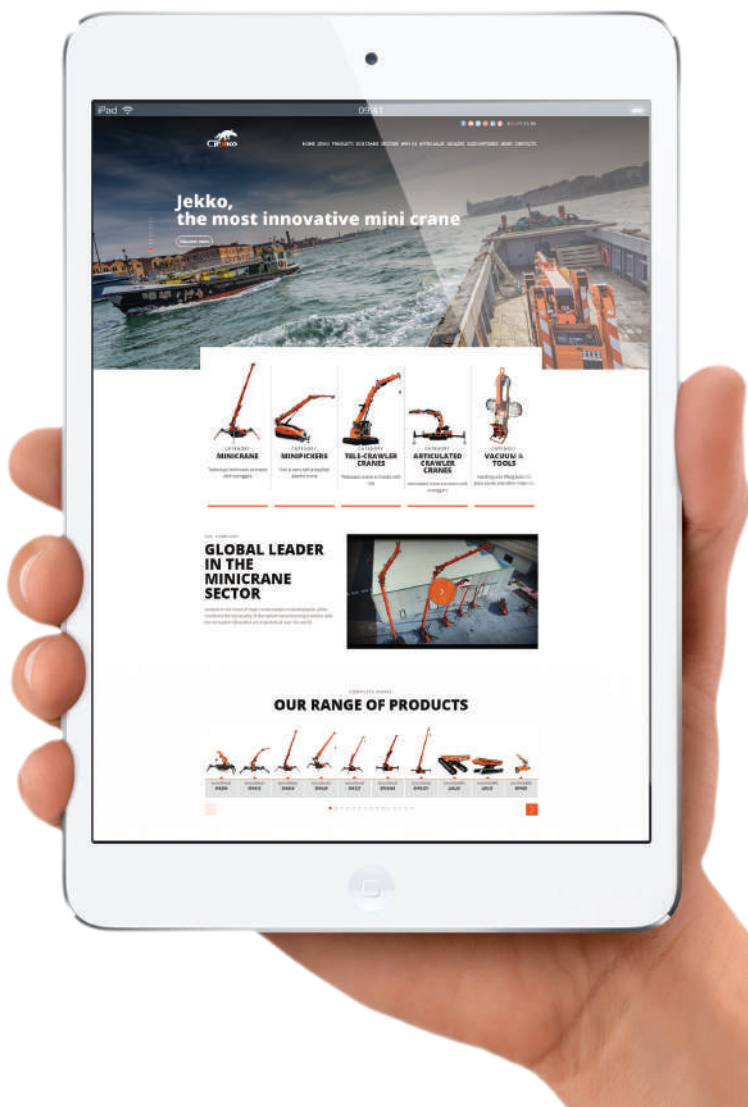
| | | | | | | | |
|---|--------------|---|-----------------|---|-------------|---|----------------------|
|  | Weight |  | Engine |  | Boom Angle |  | Hydraulic Oil |
|  | Crane |  | Electric Engine |  | Boom Length |  | Winter Warm-up Kit |
|  | Travel Speed |  | Powerpack |  | Jib |  | Working Temperature |
|  | Gradeability |  | Max Capacity |  | Slewing |  | Hydraulic Activation |
|  | Track Load |  | Outrigger 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.

**YOUR
JEKKO
DEALER**

EN All specifications and features herein described can be changed without prior advice. All indicated data are indicative only and are not binding as crane performs differently depending on its use. **IT** Tutte le caratteristiche e le specifiche descritte possono essere soggette a variazioni senza preavviso. Tutti i dati riportati sono forniti a puro titolo informativo e non sono impegnativi dal momento che le prestazioni della macchina variano in funzione dell'utilizzo. **DE** Unangekündigte Änderungen sämtlicher Eigenschaften und Daten sind möglich. Alle Angaben sind Richtwerte und nicht verbindlich da die Leistungen der Vorrichtung von deren Einsatz abhängen. **ES** Todas las características y las especificaciones aquí indicadas pueden ser sujetas a variaciones sin aviso. Se dan todos los datos aquí indicados como simples informaciones. No se consideran como vinculantes, dado que las prestaciones del maquinario pueden variar. **FR** Toutes les caractéristiques et le spécifications descriptives peut être sujet à variation sans préavis. Tout les données rapportés sont fourni à titre informatif et ne sont pas engager au moment que la prestation de la machine change en fonction de l'emploi.



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