

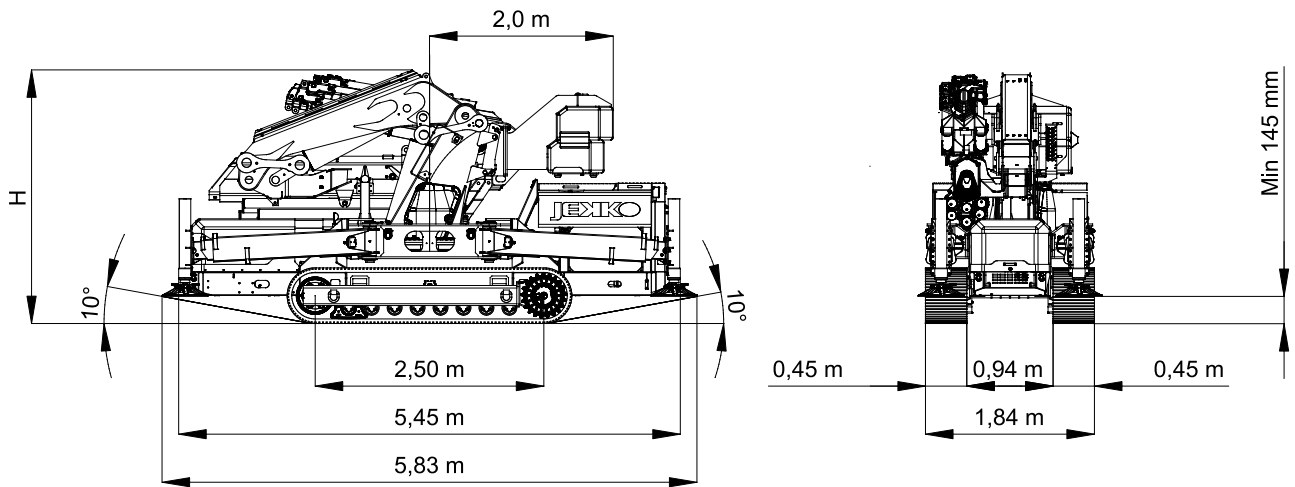


# Technical Data

Specification & Capacities

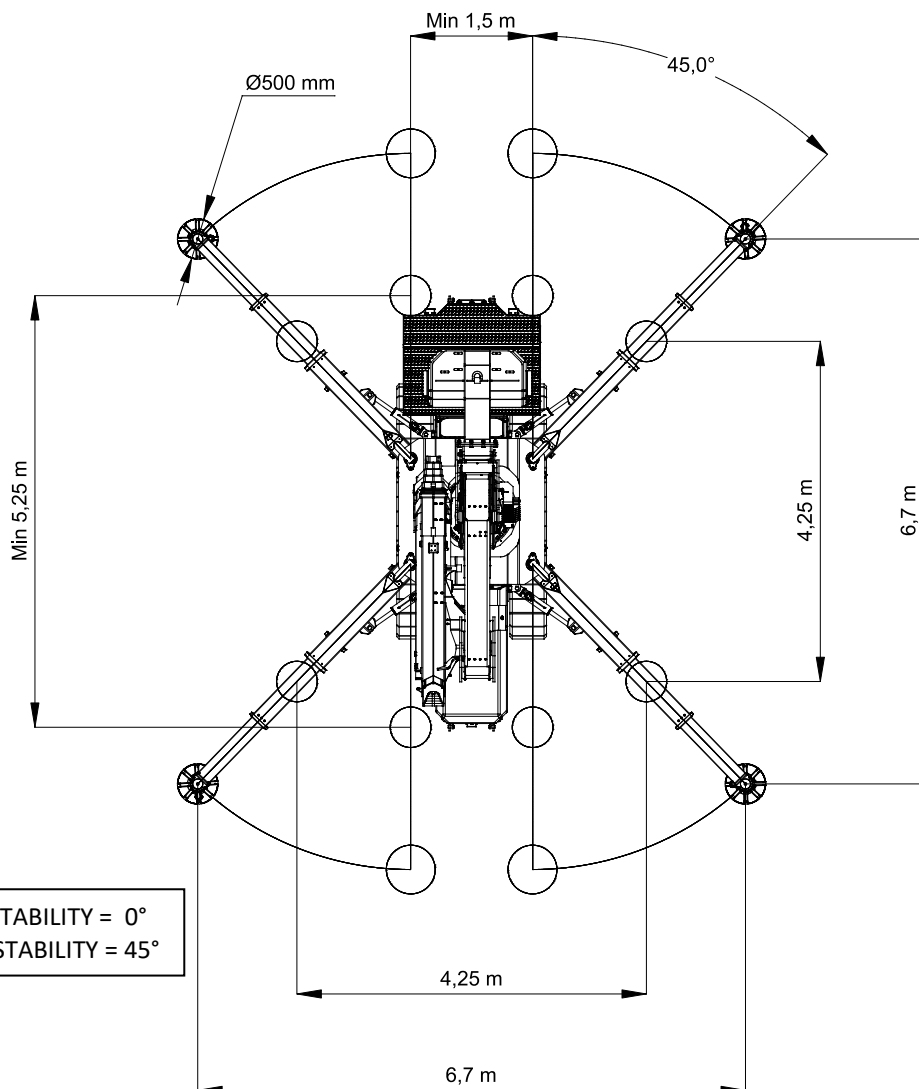
# JF545

## JF545 – OVERALL DIMENSIONS (with jib and low marking pads)



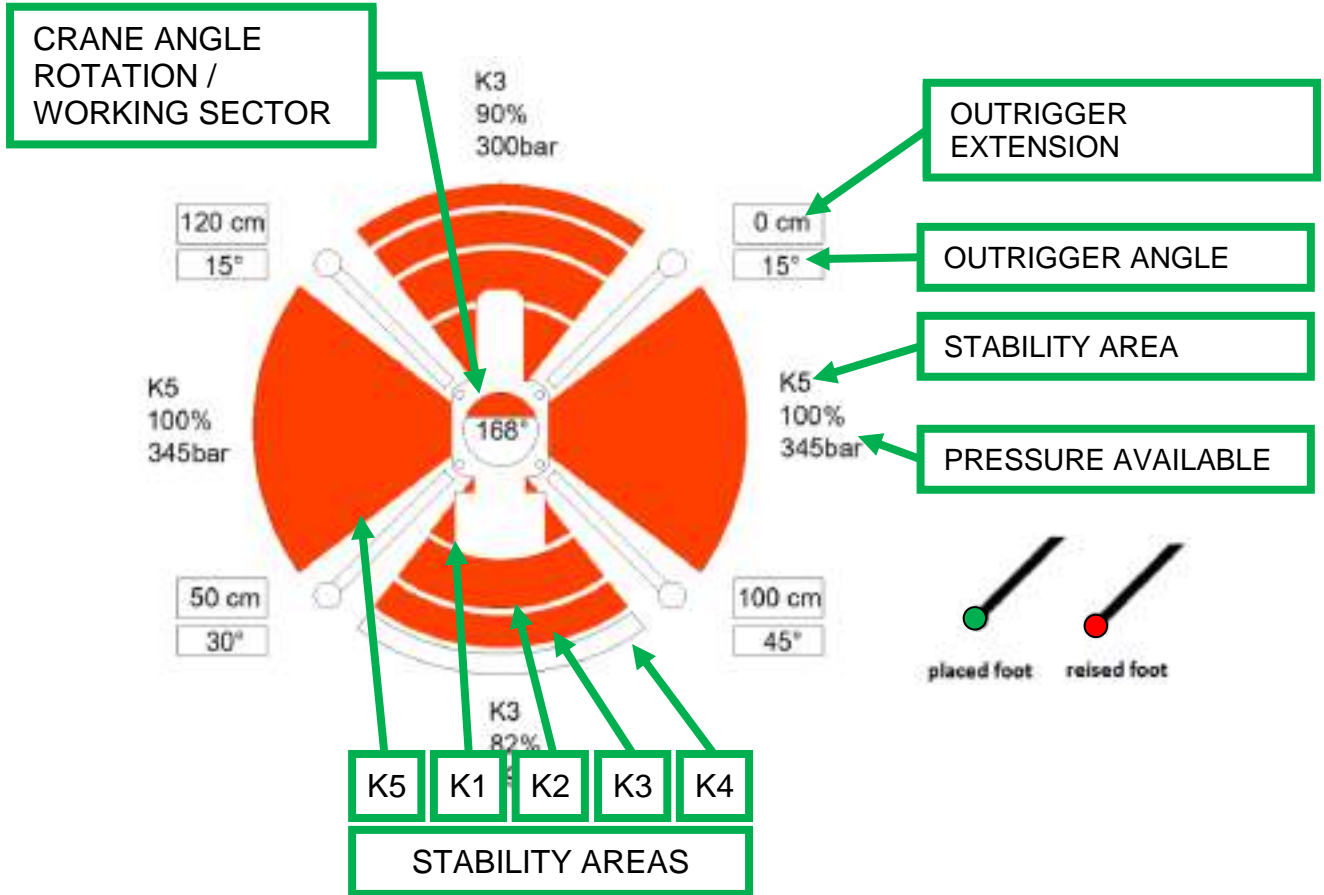
$H = 2,83\text{m}$  with V20 winch.  
 $H = 2,90\text{m}$  with V30 winch.

## JF545 – STABILIZATION AREA

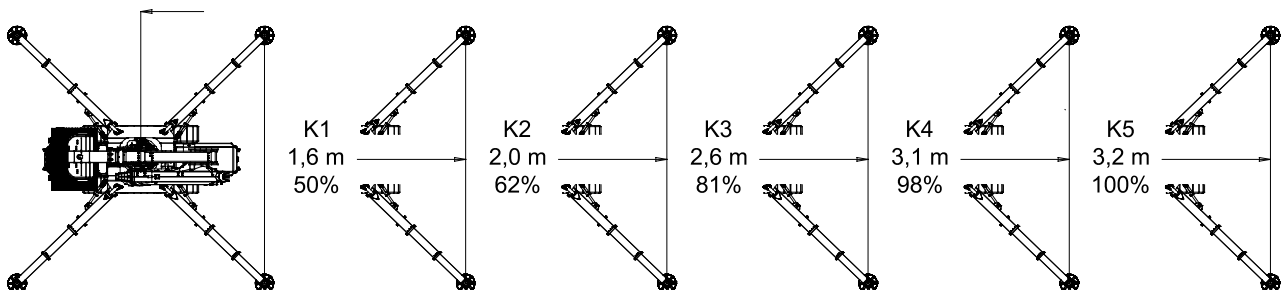


MIN ANGLE STABILITY = 0°  
 MAX ANGLE STABILITY = 45°

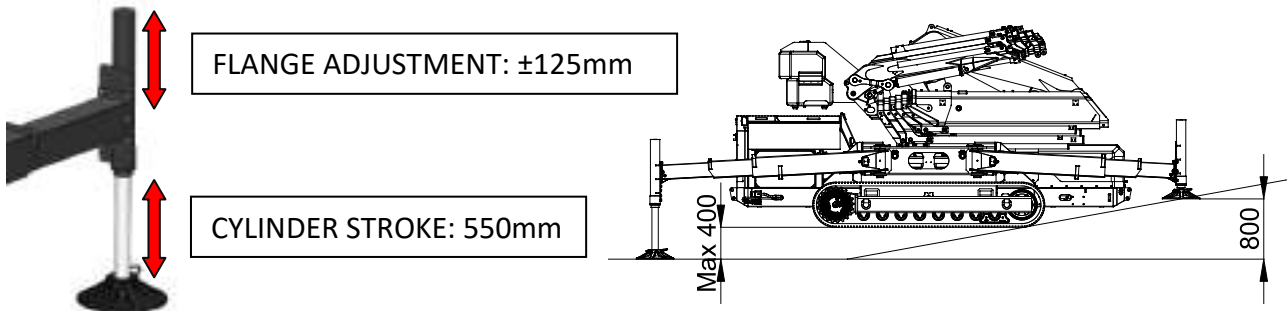
**JF545 – STABILIZATION CHART\***



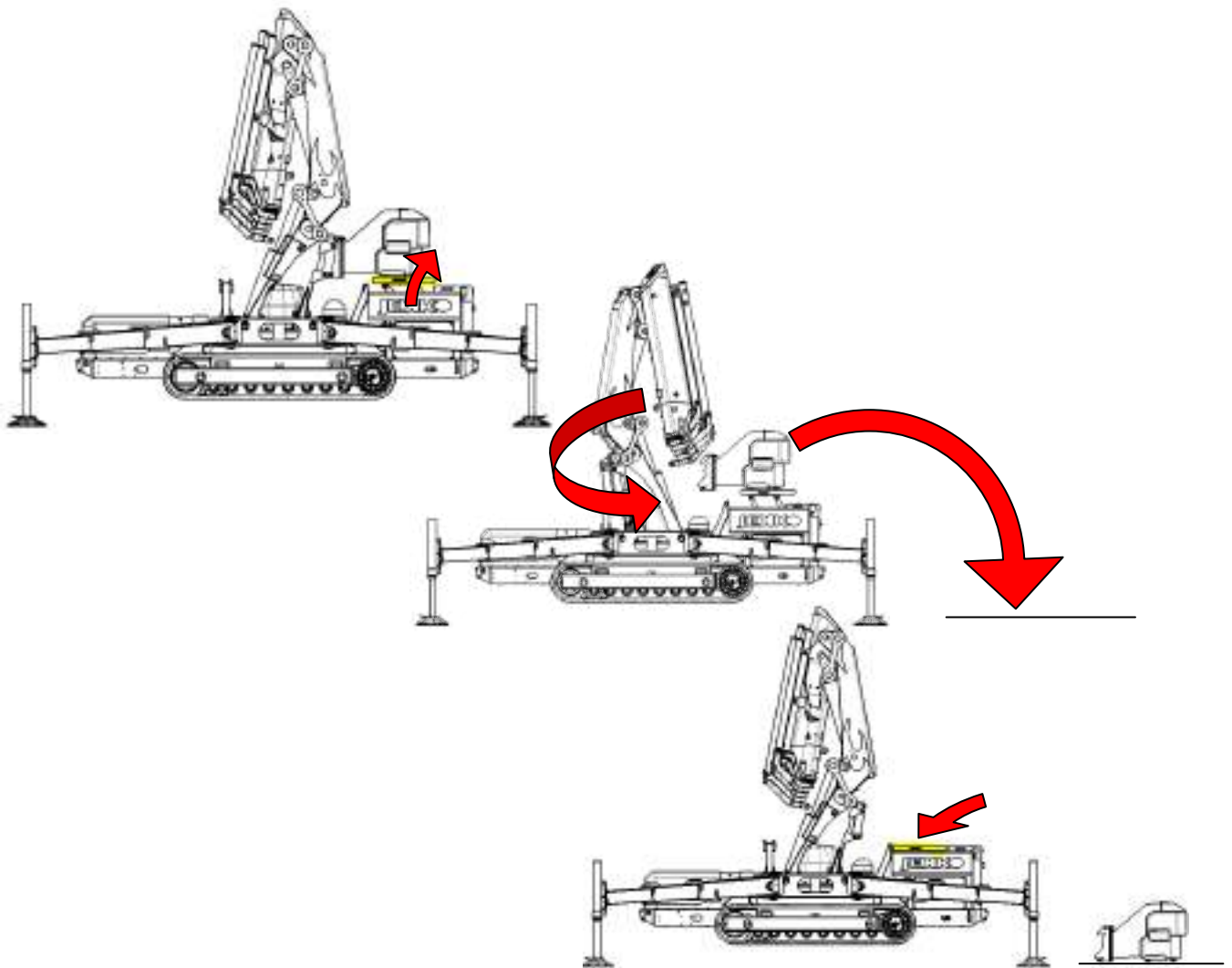
\*The division in 4 areas is a schematic simplification: software adapts level pressure continuously
























## JF545 – STABILIZATION ADJUSTMENT



## JF545 – COUNTERWEIGHT REMOVAL



|  |                  | Name / version  | kg <sup>1</sup>   |  |                  |  |  |   |                    |
|--|------------------|---|---|--|------------------|--|--|---|--------------------|
|  |                  | <b>WEIGHTS</b>  |   |  JF-545   | 13500            | <b>ENGINE</b>  |  KUBOTA V3307-CR-TE4B |   |                    |
|  JF-545     | 3500             |   |   |  kW     | 55,4kW / 74HP    |  |  |   |                    |
|  BWF2000-I  | 200              |   |   |  DIESEL |                  |  |  |   |                    |
|             |                  |   |   |         | L 75             |  |  |   |                    |
|             | SINGLE FALL      |   |   | 47   | <b>ELECTRIC</b>  |  kW | 400V-3F<br>13kW 17,4HP   |   |                    |
|  | DOUBLE FALL      |   |   | 58   |                  |  |  |   |                    |
|  | TRIPLE FALL      |   |   | 57   |                  |  |  |   |                    |
|  | JIB SINGLE FALL  |   |   | 75   | <b>HYDRAULIC</b> |     | ISO 6743-4:HVLP with VG46 viscosity class  |   |                    |
|  POWERPACK | 80               |   |   | Working temp   |                  |  | <70°C  |   |                    |
| L426   | 1200             |   |   | L  |                  |  | 200  |   |                    |
| MEH-JF545.6  | 90               |   |   | <b>MOVEMENTS</b>   |                  |  |                     | km/h  | 2,5                |
|           | ME1-JF545.6      |   |   |  | 95               |   |  | 20° (36%) <sup>2</sup>  |                    |
|  | MEH-JIB3000.6 HA |   |   |  | 23               |  |  |  | kg/cm <sup>2</sup> |
|  | ME1-JIB3000.6 HA |   |   |  | 36               |   |  |   | kg                 |
|  | LOW MARKING PADS |   |   |  | 300 (3,25 x 92)  |  |  |  | 80°                |
|  Ø500     | 30               | s   | Pri: 37<br>Sec: 39  |  |                  |  |  |   |                    |
|  |                  |  | 360°  |  |                  |  |  |   |                    |
|  |                  |   | rpm   | 1  |                  |  |  |   |                    |
|  |                  |   |  | m  | 28,2             |  |  |   |                    |
|  |                  |   |   | s  | 42               |  |  |   |                    |

<sup>1</sup>: Dry weight  
<sup>2</sup>: Engine continuously working limit  
<sup>3</sup>: Static lifting

## WINCH DATA

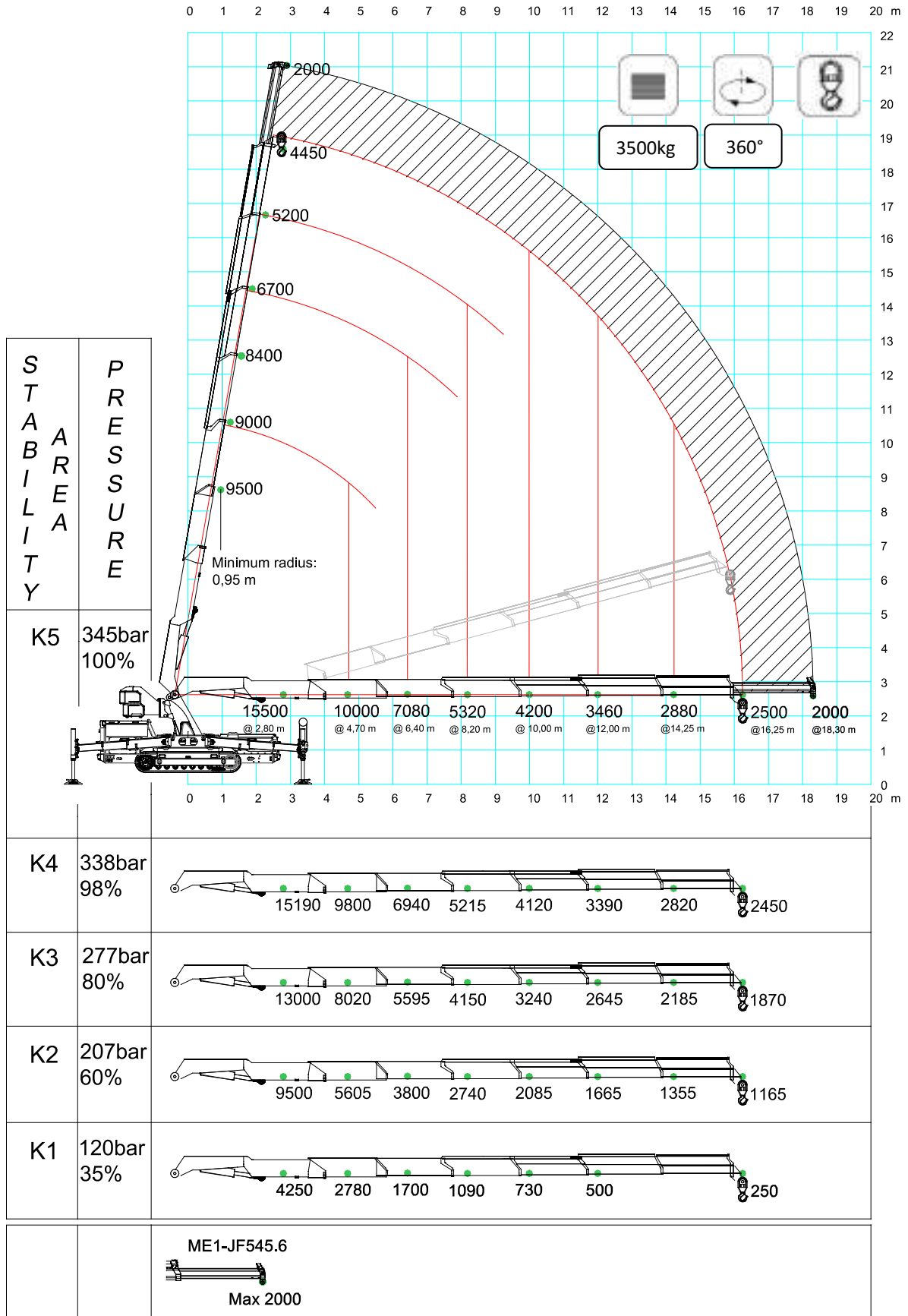
| V20                              |            |                   |                   |                     |                     |
|----------------------------------|------------|-------------------|-------------------|---------------------|---------------------|
| HOIST PERFORMANCE<br>(BWF2000-I) | Winch      | Layer             | Max line pull     | Standard rope speed | Highest rope speed  |
|                                  |            |                   | kg                | m/min               | m/min               |
|                                  |            | 1                 | 2600 <sup>1</sup> | 36,5                | N/A                 |
|                                  |            | 2                 | 2400 <sup>1</sup> | 40,0                | N/A                 |
|                                  |            | 3                 | 2200 <sup>1</sup> | 43,5                | N/A                 |
|                                  | 4          | 2040 <sup>1</sup> | 47                | N/A                 |                     |
|                                  | Rope       | Wire rope         | Ø                 | Total lenght        | Max load            |
|                                  |            |                   | mm                | m                   | kg                  |
|                                  |            | Right lang lay    | 12                | 60                  | 2400                |
|                                  | Hook block | Load              | N° of             |                     | Block type          |
|                                  |            | kg                | Sheaves           | Lines               |                     |
|                                  |            | 6000              | 1                 | 3                   | Multiple fall block |
| 3500                             |            | 1                 | 2                 |                     |                     |
| 2000                             | -          | 1                 | Single fall block |                     |                     |

<sup>1</sup>:LMI limited at 2000 kg

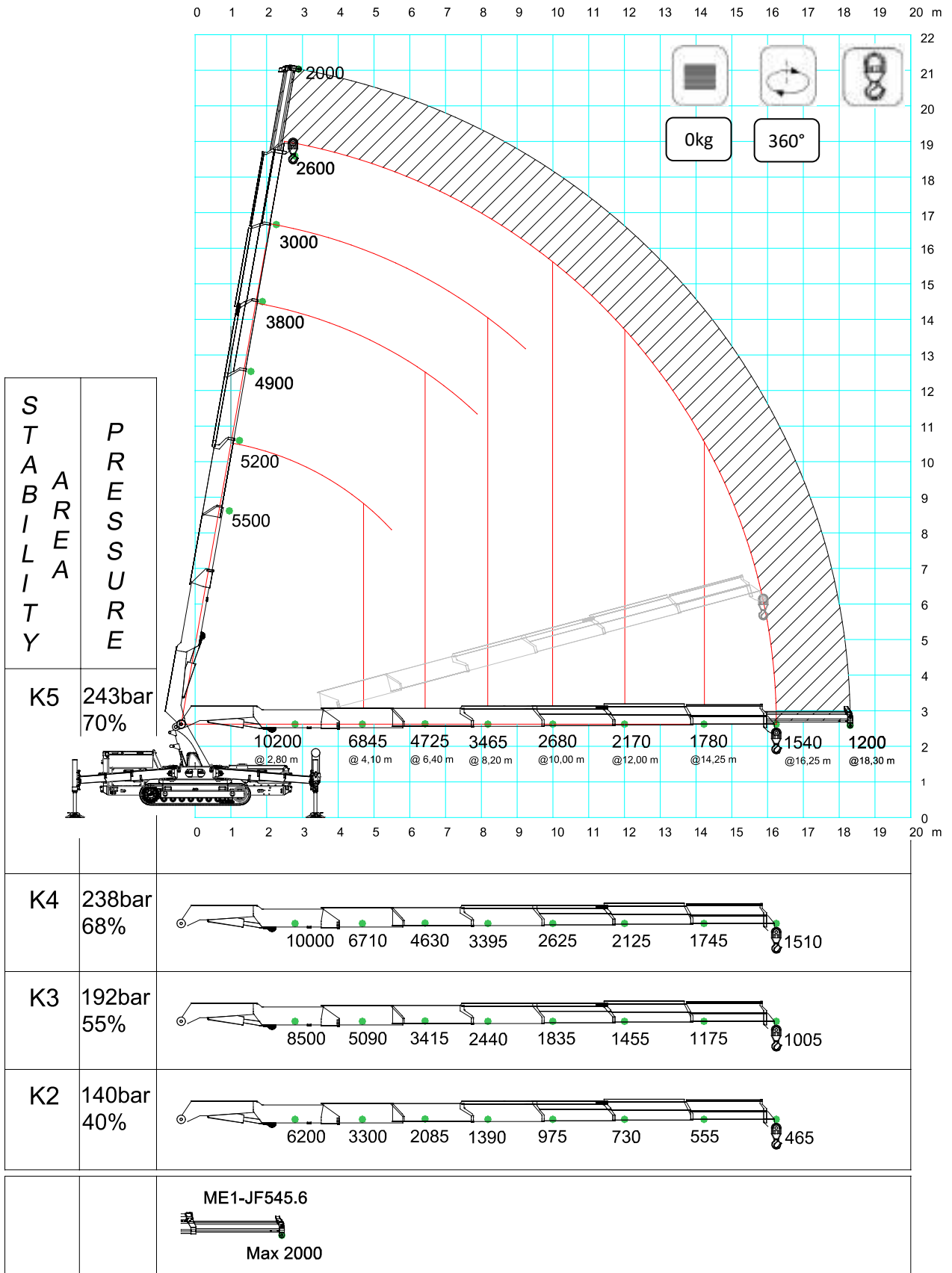
| V30                              |            |                   |                   |                     |                     |
|----------------------------------|------------|-------------------|-------------------|---------------------|---------------------|
| HOIST PERFORMANCE<br>(BWF3000-I) | Winch      | Layer             | Max line pull     | Standard rope speed | Highest rope speed  |
|                                  |            |                   | kg                | m/min               | m/min               |
|                                  |            | 1                 | 3870 <sup>1</sup> | 45                  | N/A                 |
|                                  |            | 2                 | 3565 <sup>1</sup> | 49                  | N/A                 |
|                                  | 3          | 3260 <sup>1</sup> | 53                | N/A                 |                     |
|                                  | Rope       | Wire rope         | Ø                 | Total lenght        | Max load            |
|                                  |            |                   | mm                | m                   | kg                  |
|                                  |            | Right lang lay    | 14                | 60                  | 2400                |
|                                  | Hook block | Load              | N° of             |                     | Block type          |
|                                  |            | kg                | Sheaves           | Lines               |                     |
|                                  |            | 6000              | 1                 | 2                   | Multiple fall block |
|                                  |            | 3000              | -                 | 1                   | Single fall block   |

<sup>1</sup>:LMI limited at 3000 kg

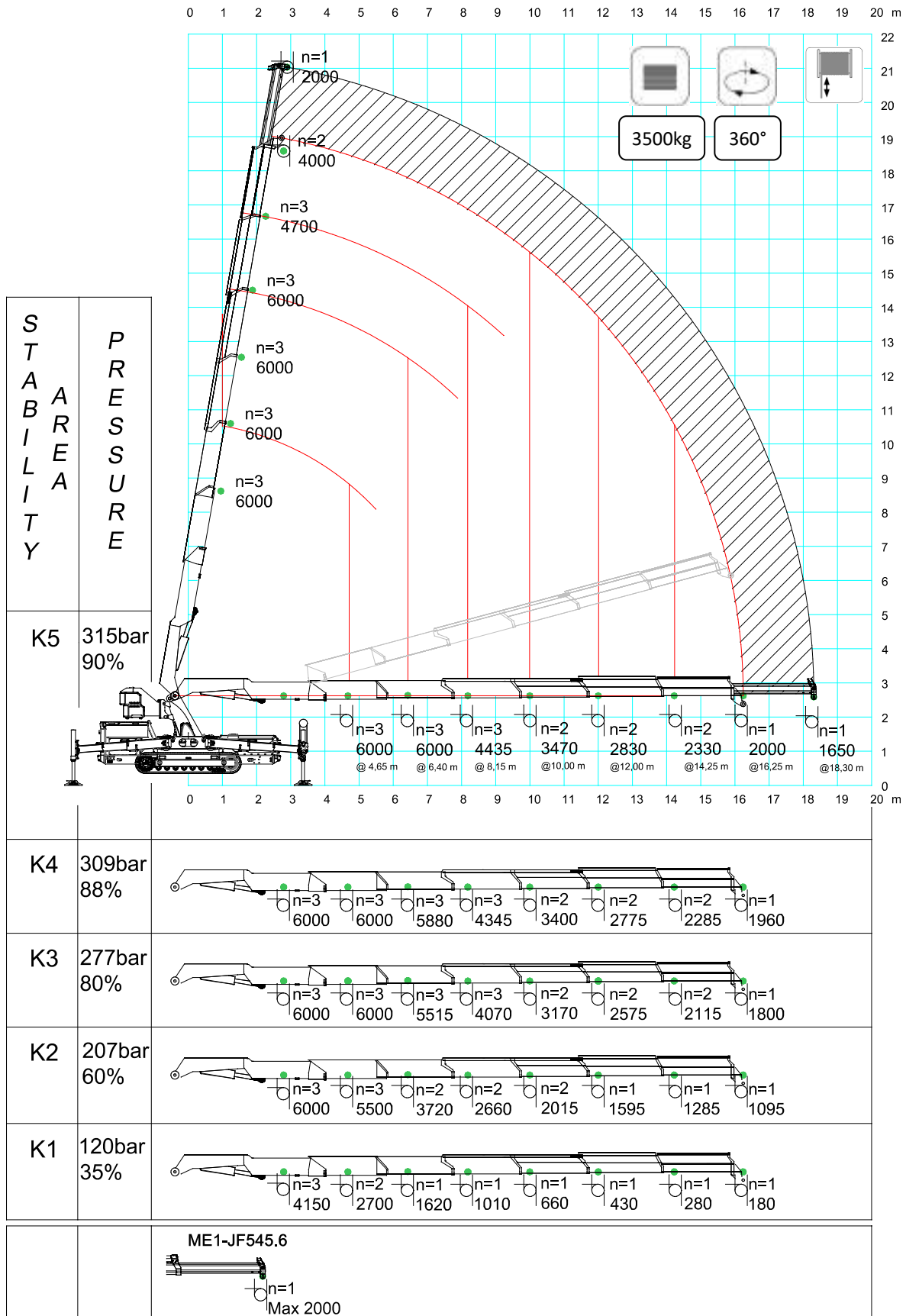
# JF545RA.2.26 with HOOK

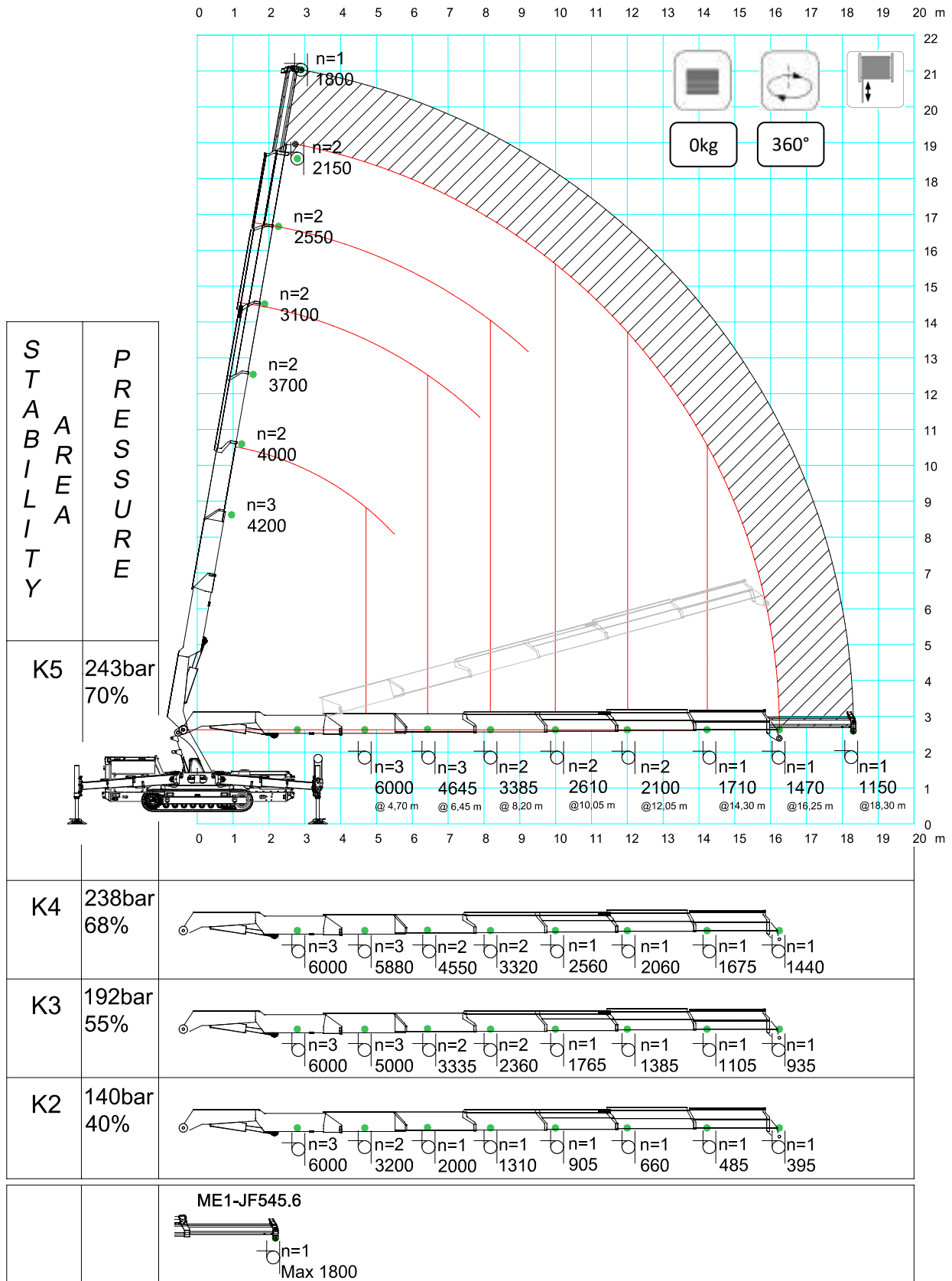




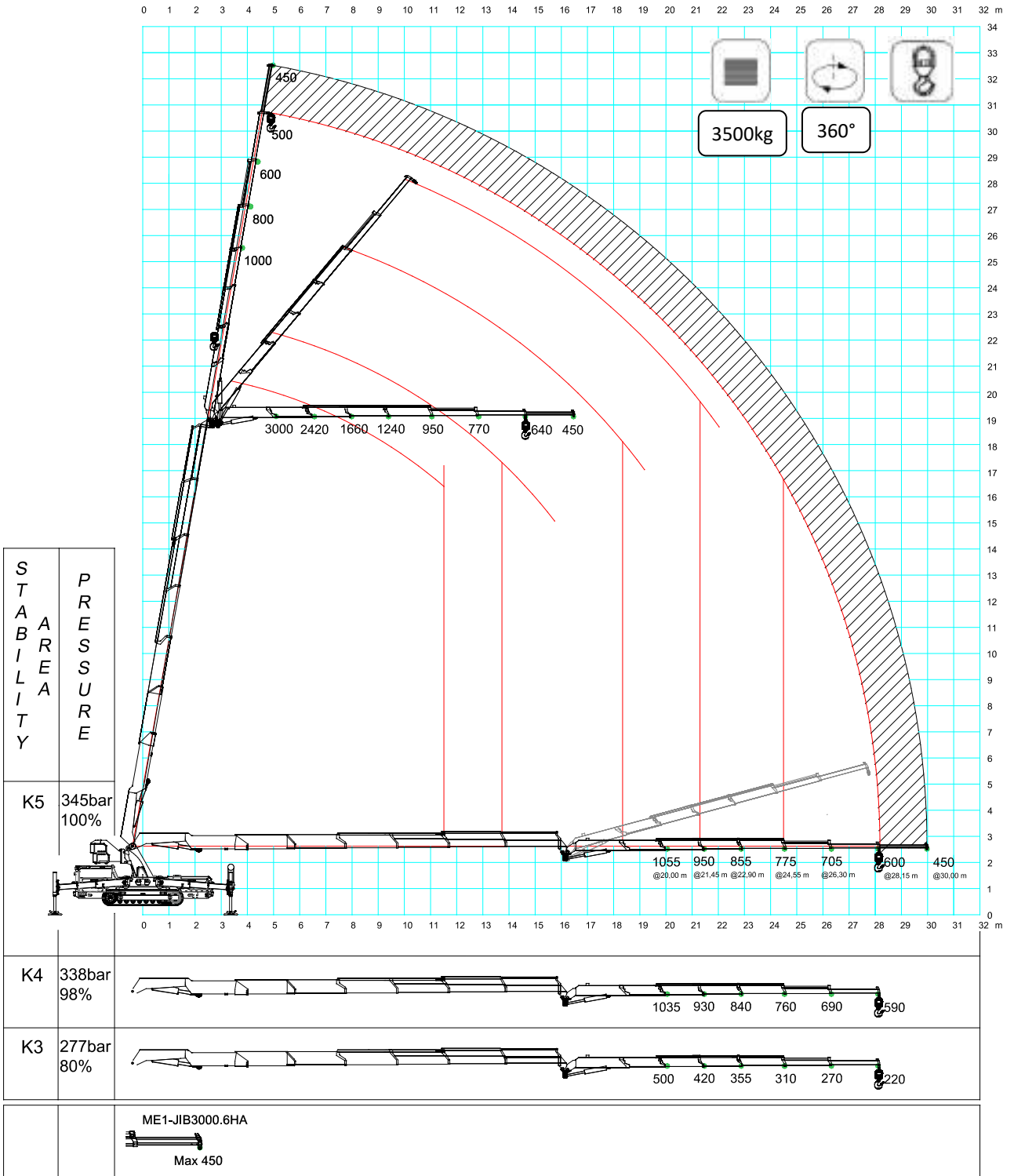


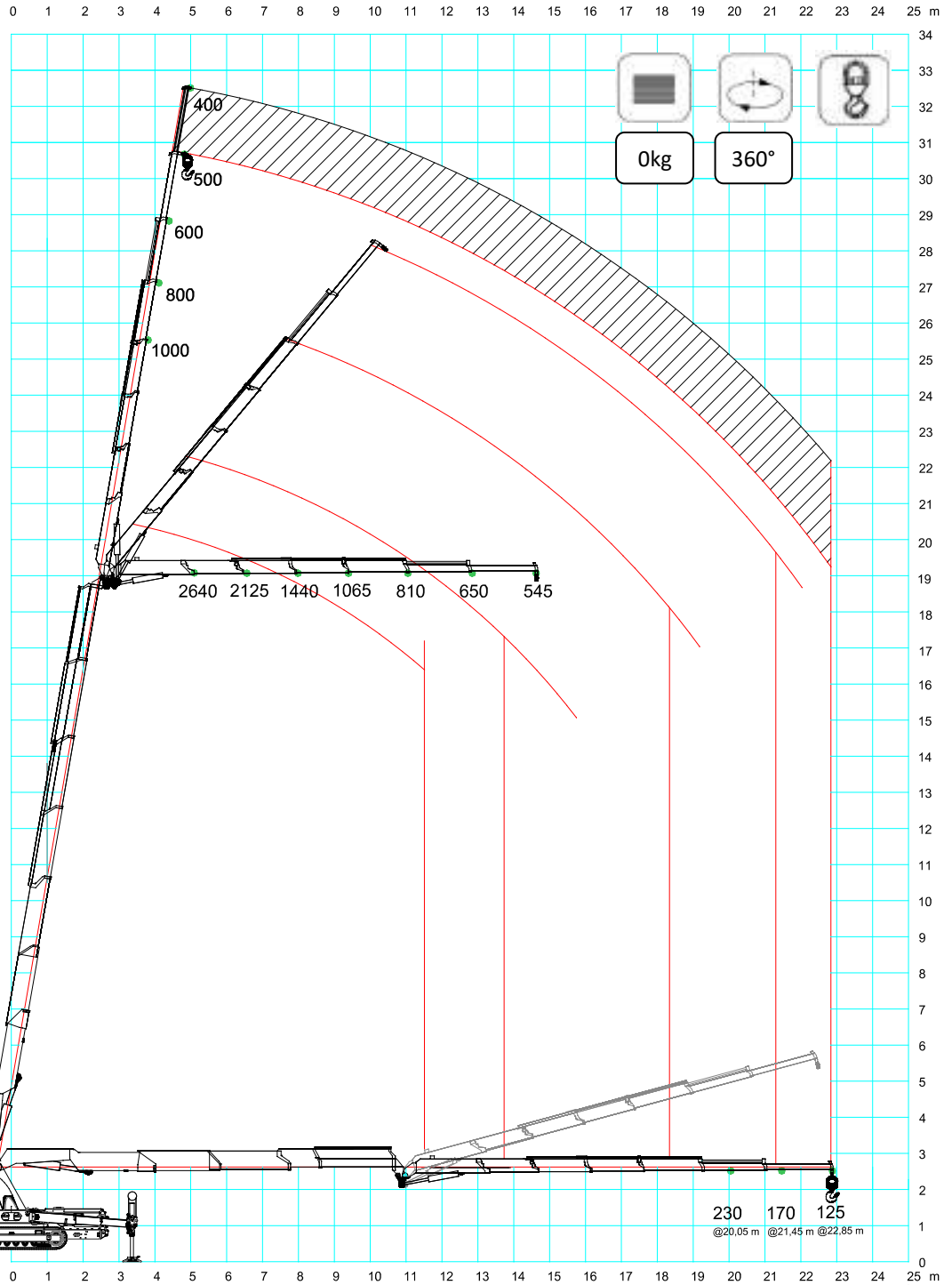
# JF545RA.2.26 with PULLEY





# F545RA.2.26 + L426 with HOOK

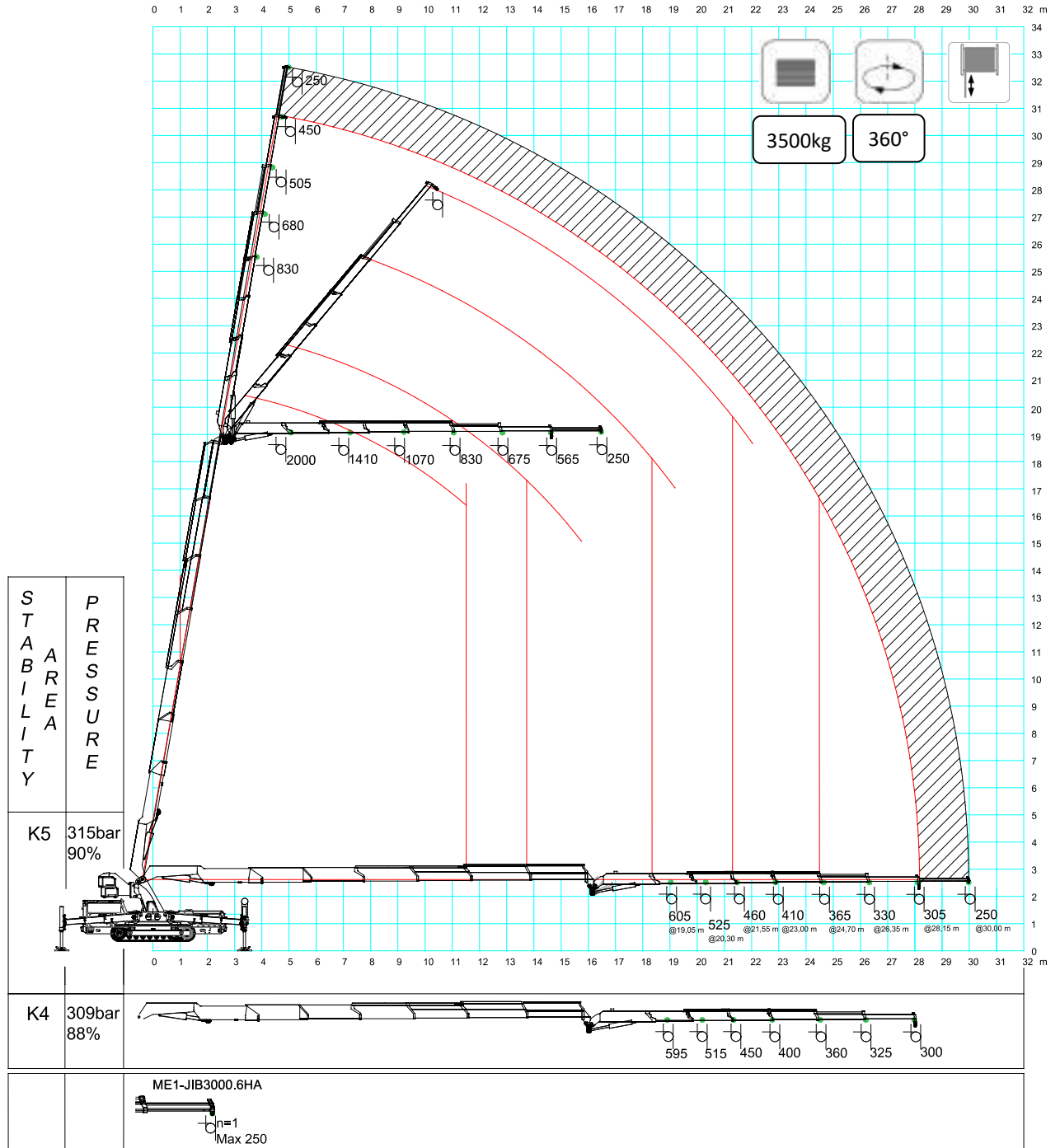




| STABILITY | PRESSURE      |
|-----------|---------------|
| K5        | 243bar<br>70% |
| K4        | 238bar<br>68% |

|                                    |  |
|------------------------------------|--|
| <p>ME1-JIB3000.6HA<br/>Max 400</p> |  |
|------------------------------------|--|

# JF545RA.2.26 + L426 with PULLEY





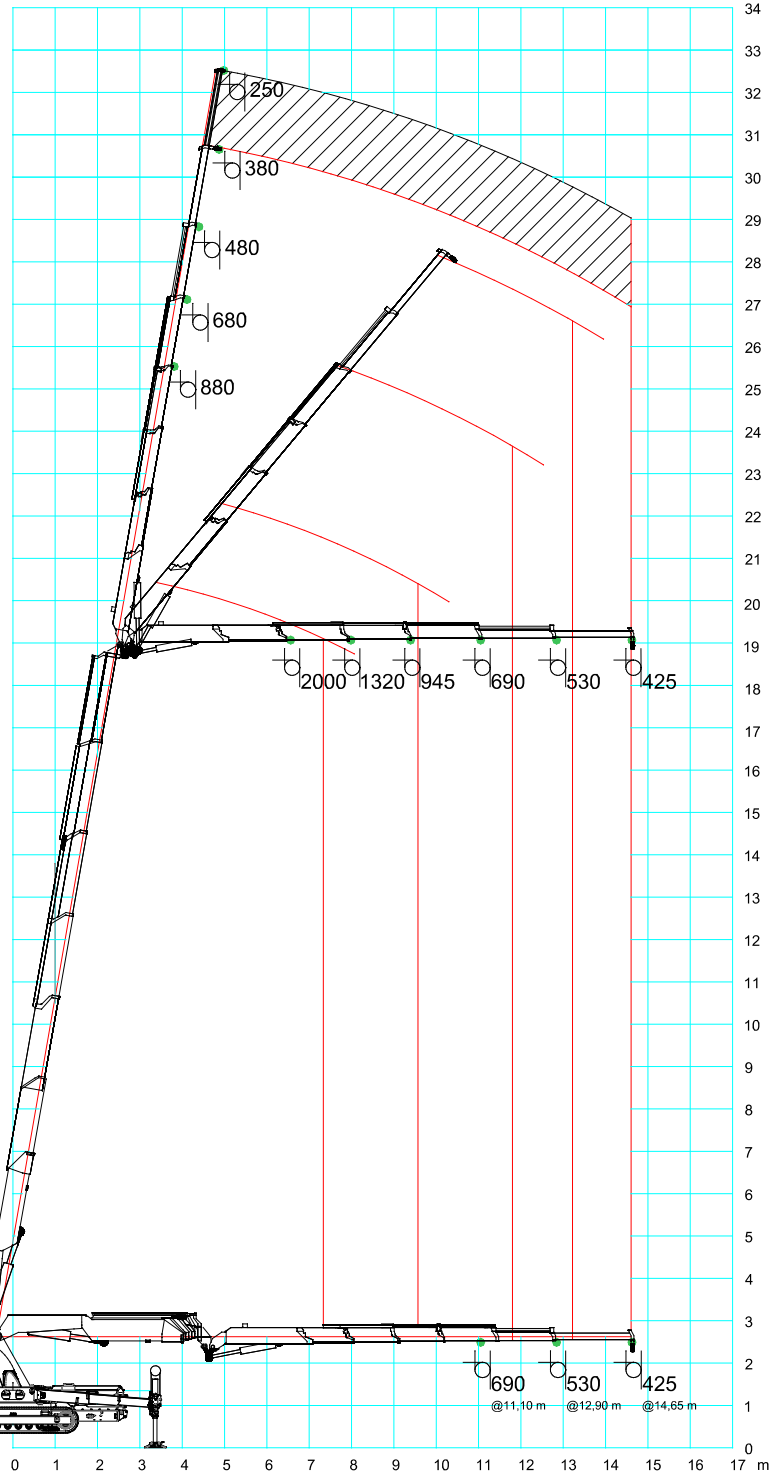
0kg



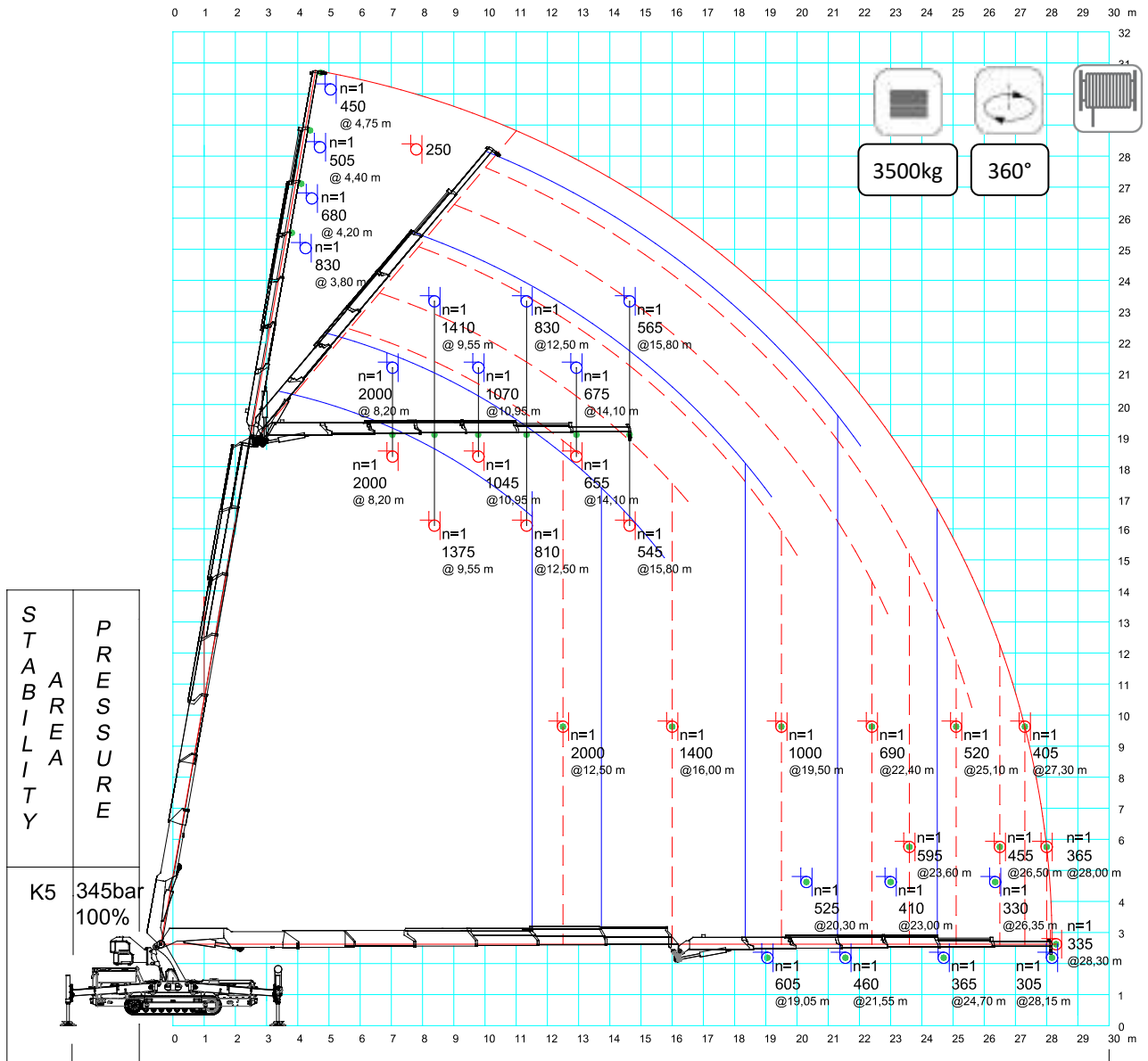
360°



0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 m



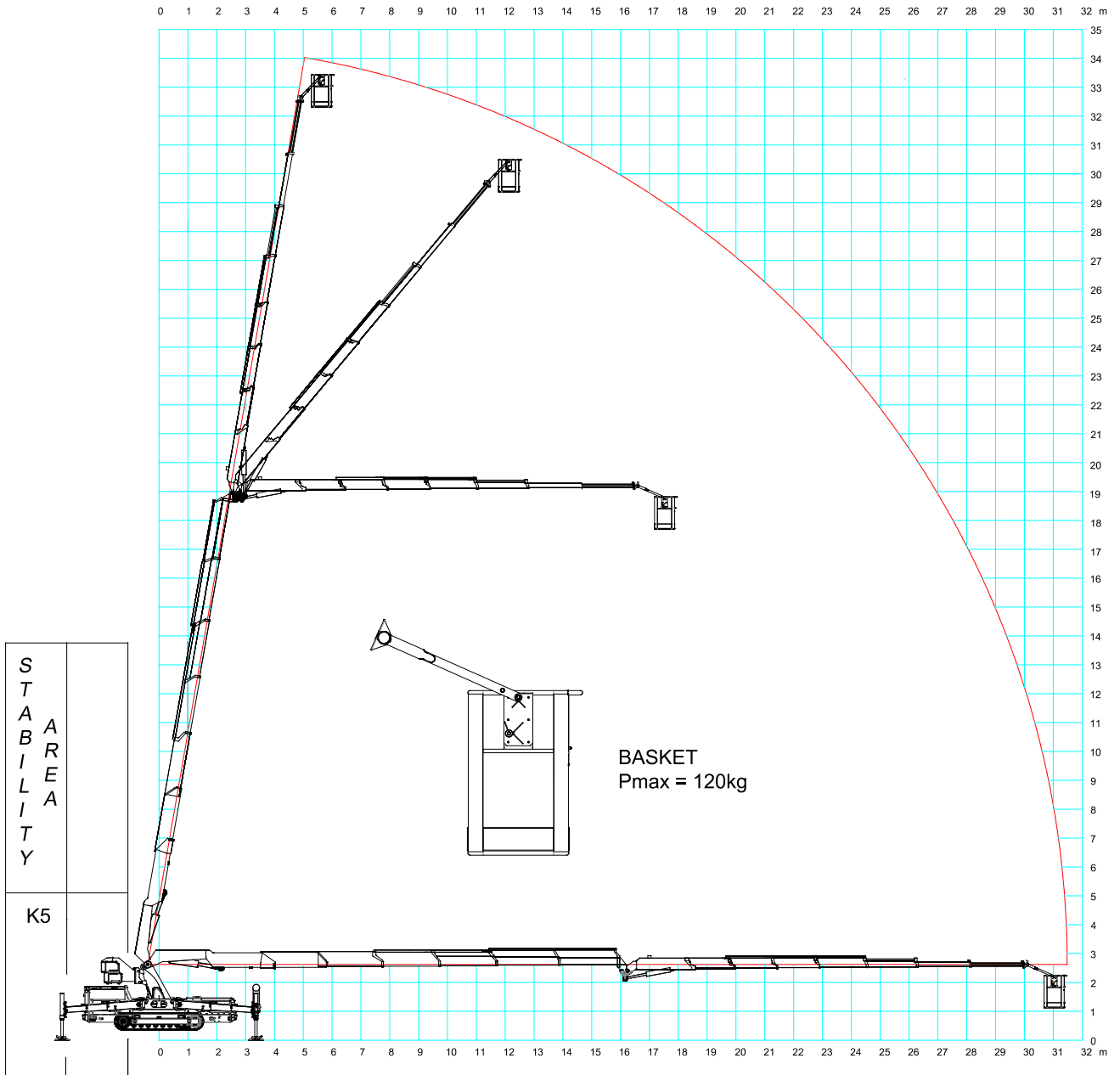
| S<br>T<br>A<br>B<br>I<br>L<br>I<br>T<br>Y | P<br>R<br>E<br>S<br>S<br>U<br>R<br>E |                        |
|---|--------------------------------------|------------------------|
| K5  | 345bar<br>100%                       |                        |
| K4  | 338bar<br>98%                        |                        |
|   |                                      | <p>ME1-JIB3000.6HA</p> |



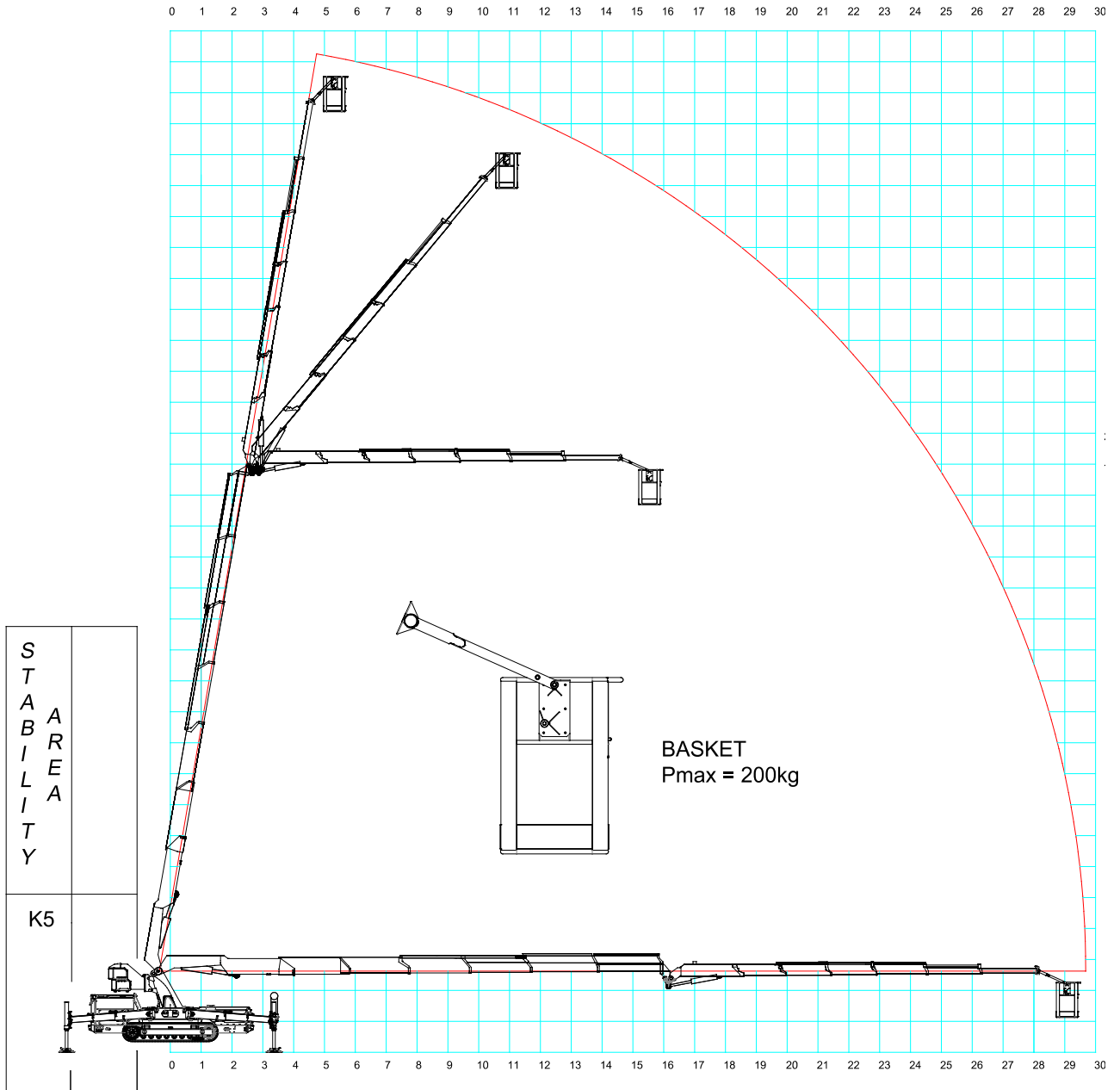
- - - - - Static lifting capacity: LMI stop position.
- Dynamic lifting capacity: all crane function are possible.



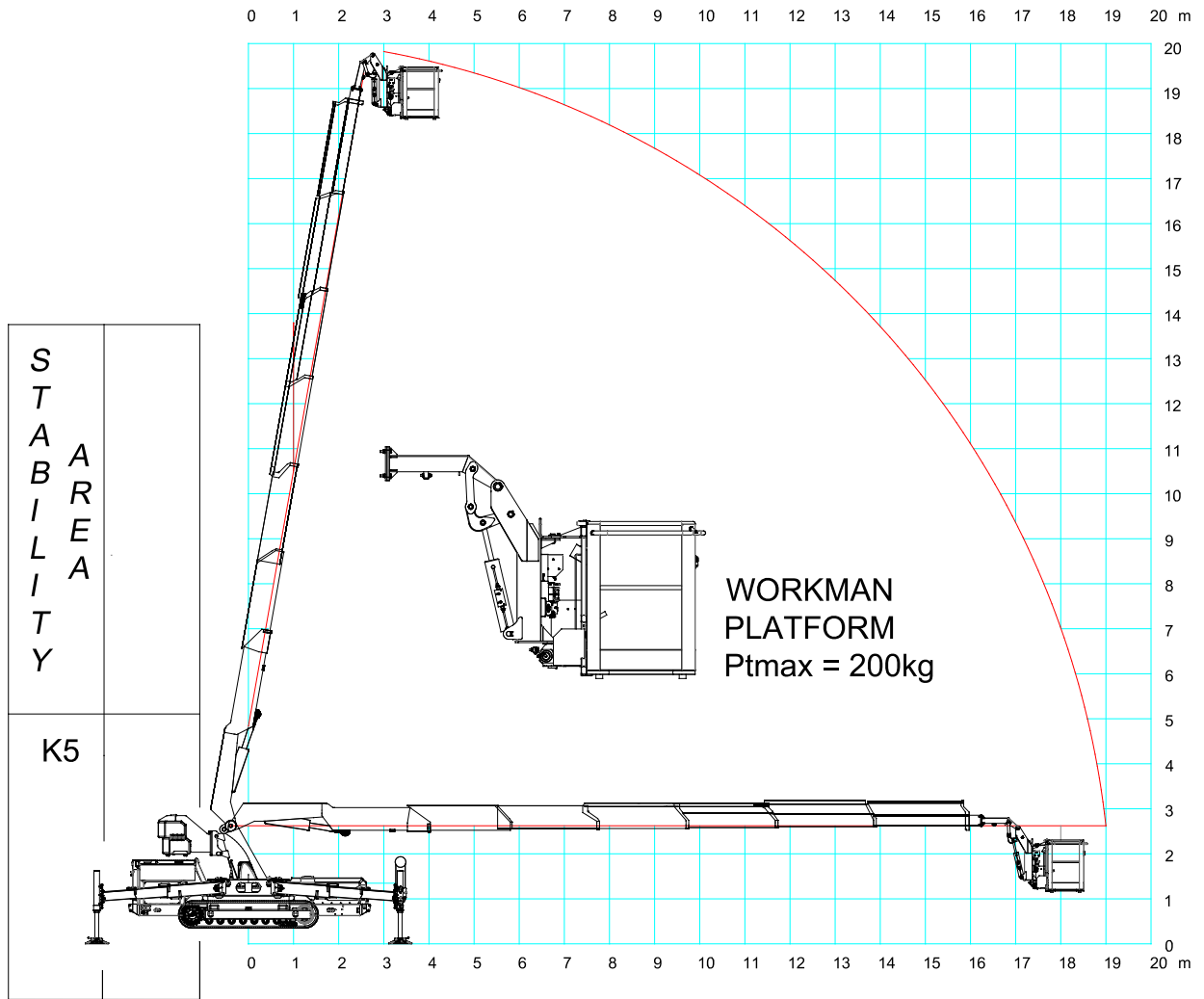
**JF545RA.2.26 + L426  
SINGLE MAN BASKET  
(with ME1-JIB3000.6HA)**



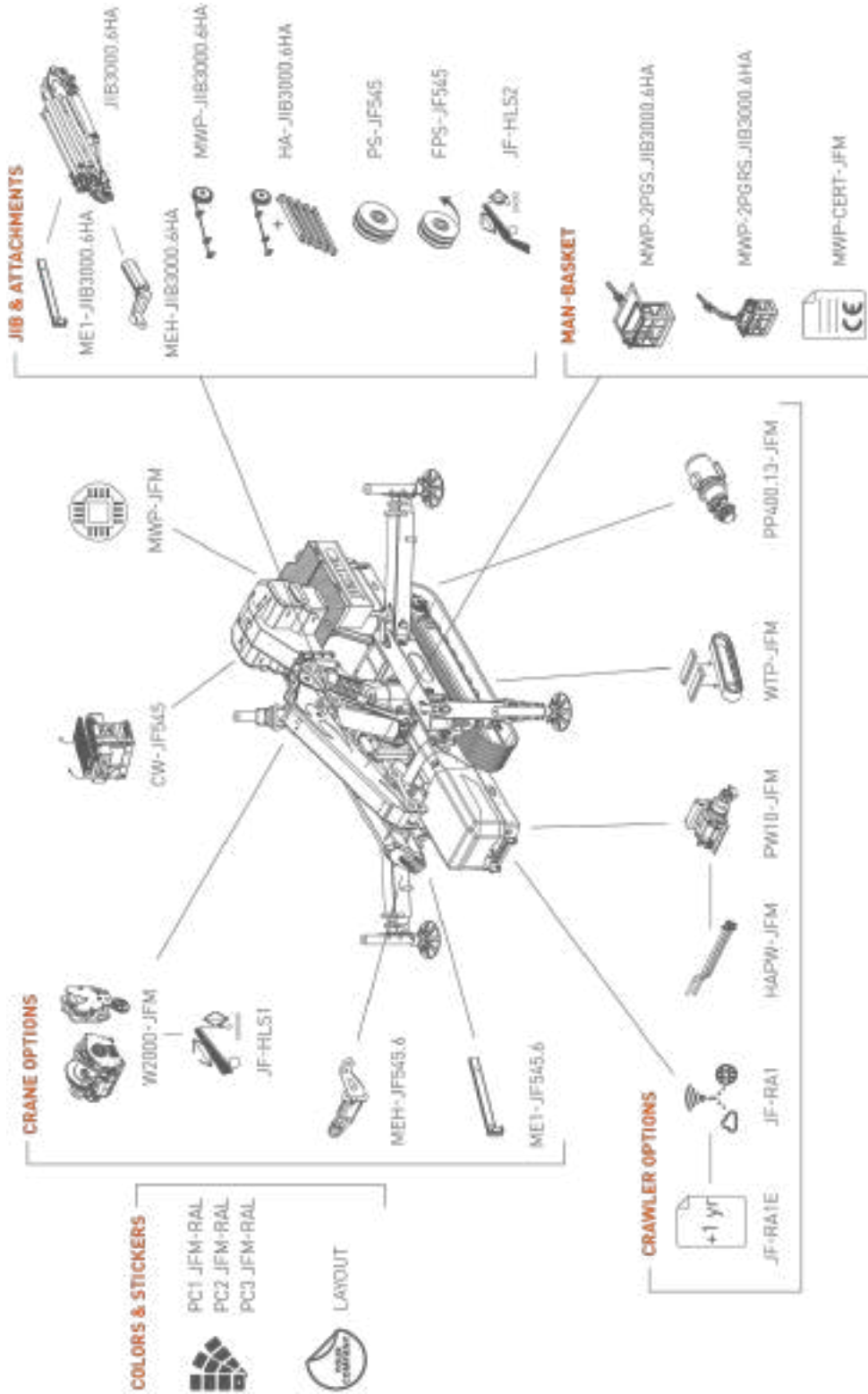
## JF545RA.2.26 + L426 TWO MAN BASKET



# WORKMAN PLATFORM



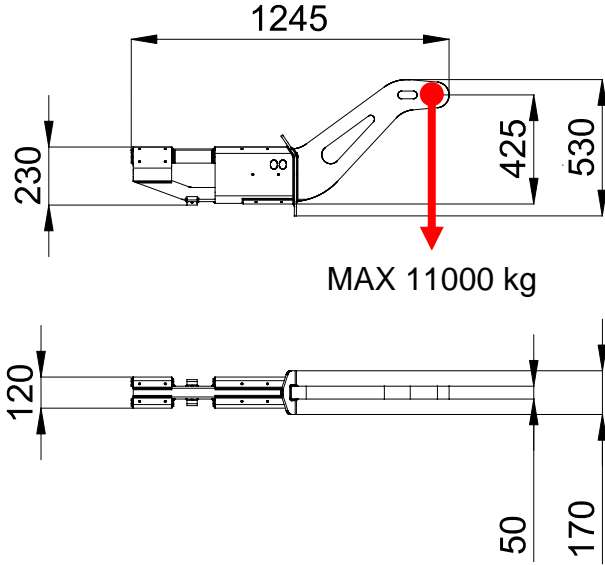
# ACCESSORIES



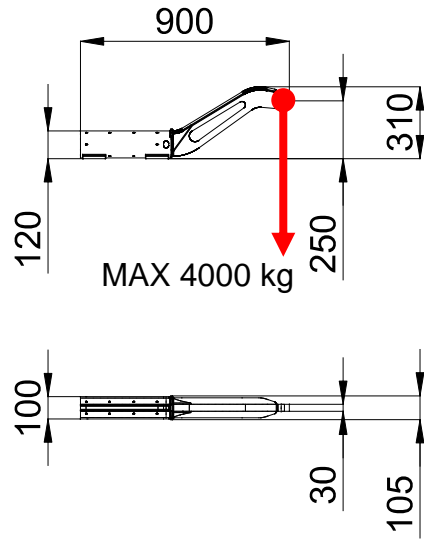
|                             | STANDARD | PC-01    | PC-11    |
|-----------------------------|----------|----------|----------|
| Boom, covers and outriggers | RAL2004  | RAL_____ | RAL_____ |
| Chassis, frames and tanks   | RAL7021  | RAL7021  | RAL_____ |

# ACCESSORIES FEATURES

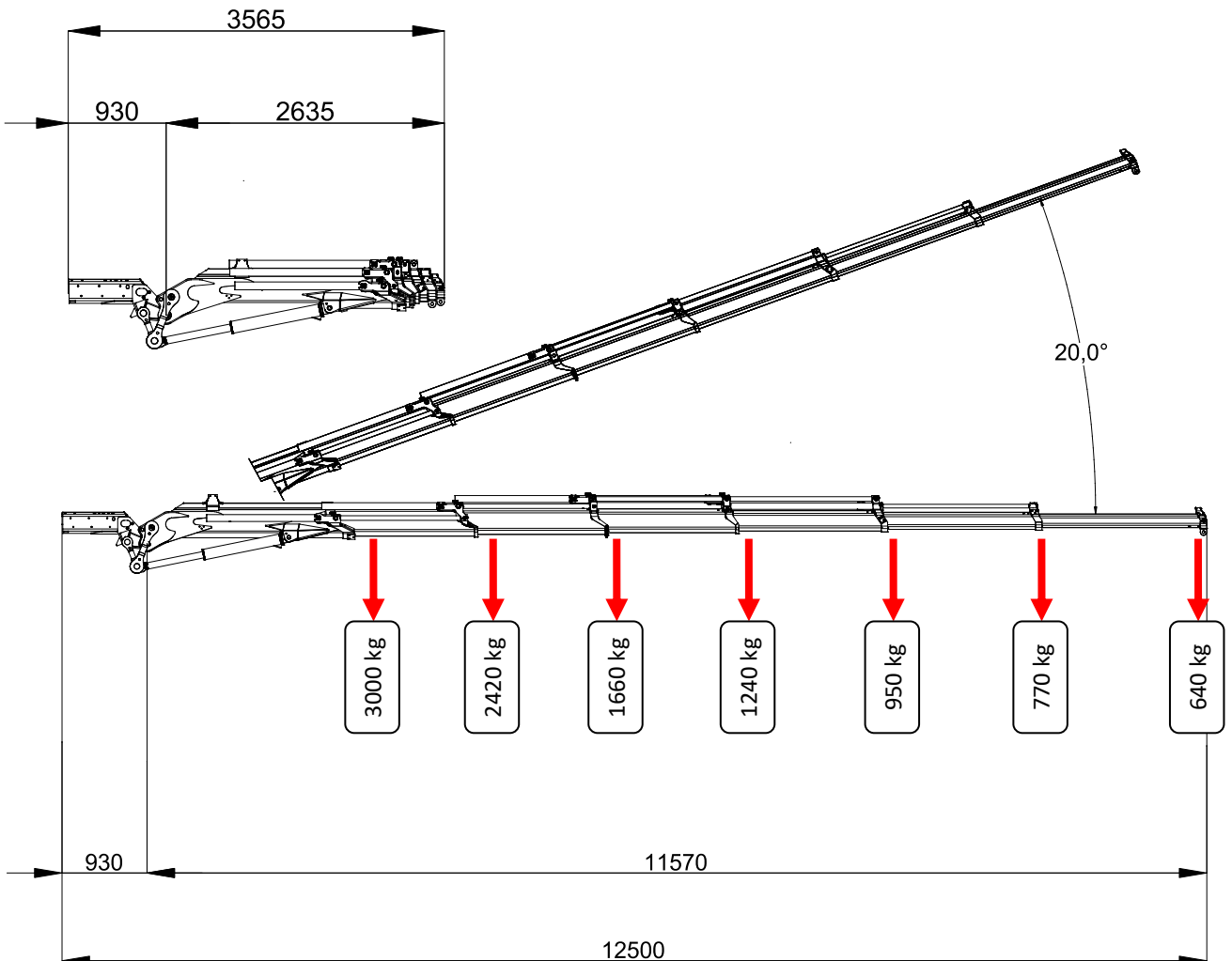
**MEH-JF545.6**



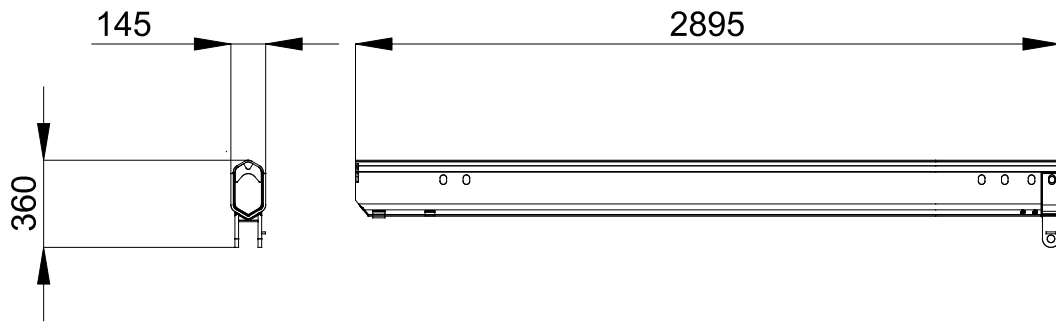
**MEH-JIB3000.6HA**



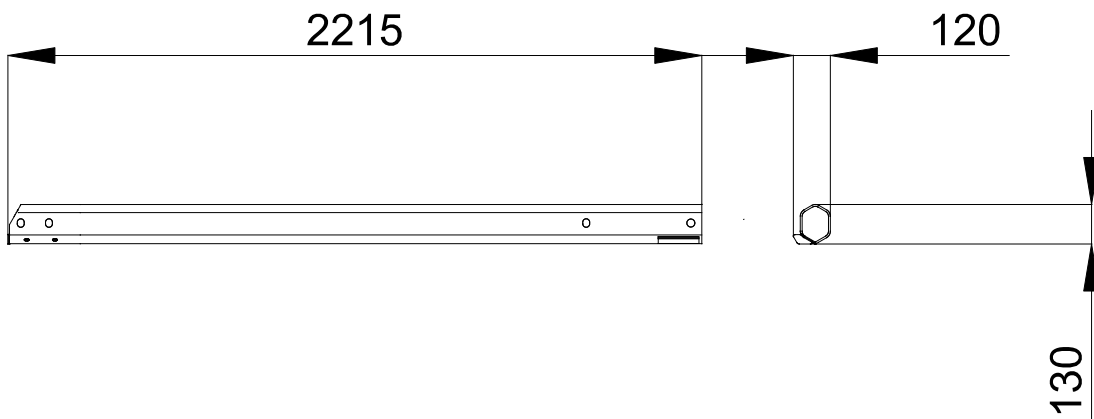
**JIB L426**



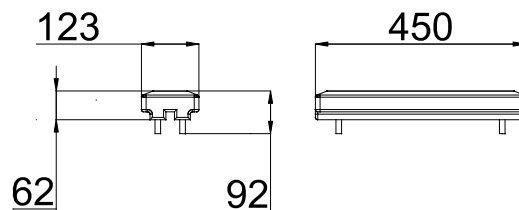
**ME1-JF545.6**























































**ME1-JIB3000.6HA**



**LOW MARKING PADS**



## SYMBOLS

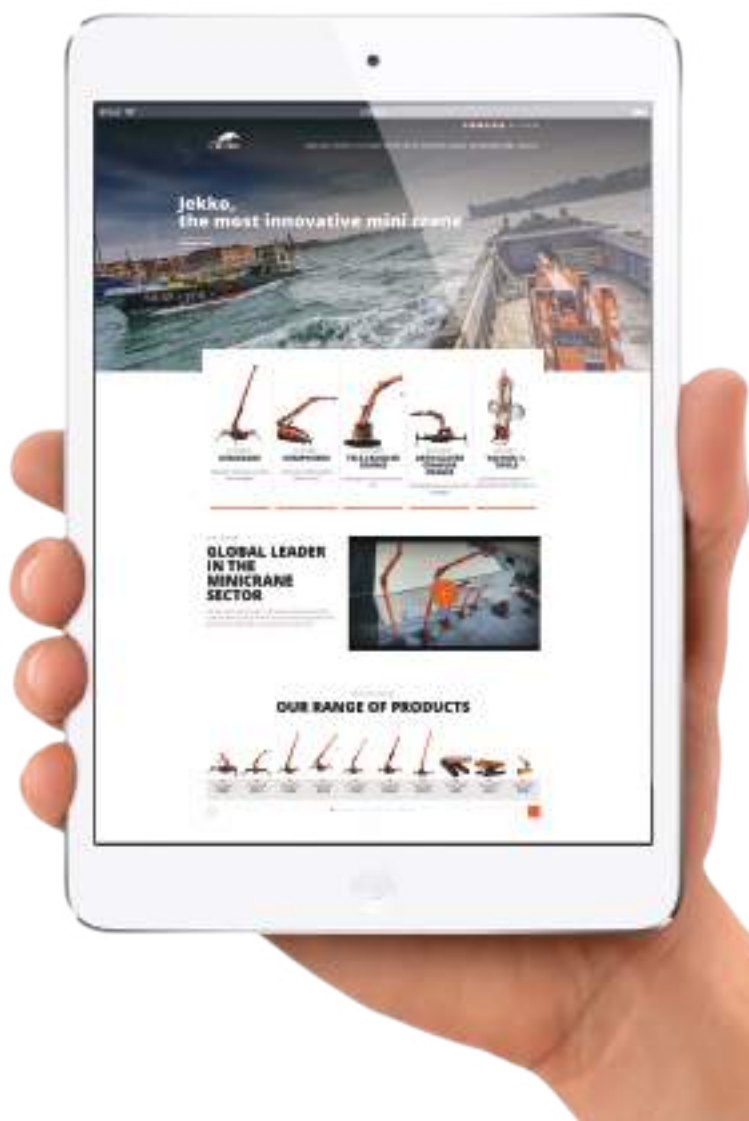
|   |                    |   |                 |   |                       |   |                                      |
|---|--------------------|---|-----------------|---|-----------------------|---|--------------------------------------|
|    | Weight             |    | Engine          |    | Boom Angle            |    | Minipicker                           |
|    | Counterweight      |    | Diesel Fuel     |    | Boom Length           |    | Back Wheel Loading Point             |
|    | Crane              |    | Petrol Fuel     |    | Boom Radius           |    | Front Wheel Loading Point            |
|    | Dimensions         |    | Tank            |    | Jib on Board          |    | Working Radius                       |
|    | Stabilization Area |    | Power           |    | Without Jib on Board  |    | Stabilizing Bar                      |
|    | Travel Speed       |    | Battery         |    | Jib Hook Radius       |    | Standard                             |
|   | Gradeability       |   | Lithium Battery |   | Jib Length and Angle  |   | Factory max. load                    |
|  | Outrigger Load     |  | Powerpack       |  | Jib Length            |  | Building site max. load              |
|  | Track Loading      |  | Main Winch      |  | Jib Radius            |  | Maximum inclination of the machinery |
|  | Outriggers Setup   |  | Hookblock       |  | Manipulator Length    |  | Hydraulic oil                        |
|  | Ext Tracks Width   |  | Slewing         |  | Manipulator Radius    |  | Winter Warm-up Kit                   |
|  | Chart on Tracks    |  | Slewing Locked  |  | Number of vacuum pads |  | Horizontal Boom Angle                |
|  | Slope              |  | Outriggers mats |  | Grabber               |  | White Pads for Steel Tracks          |

### REMARKS REFERRING TO LOAD CHART

- HC1 HD5 S2 lifting class according to EN12999:2011 standards.
- 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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SERIAL NUMBER:



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