



# Technical Data

Specification & Capacities



## JF545

S.N: \_\_\_\_\_



55,4kW/74,3HP



13 kW/17,4HP



0 – 28,2m



WINCH: 6000kg  
HOOK : 15500kg



EN 12999

[m] [kg]

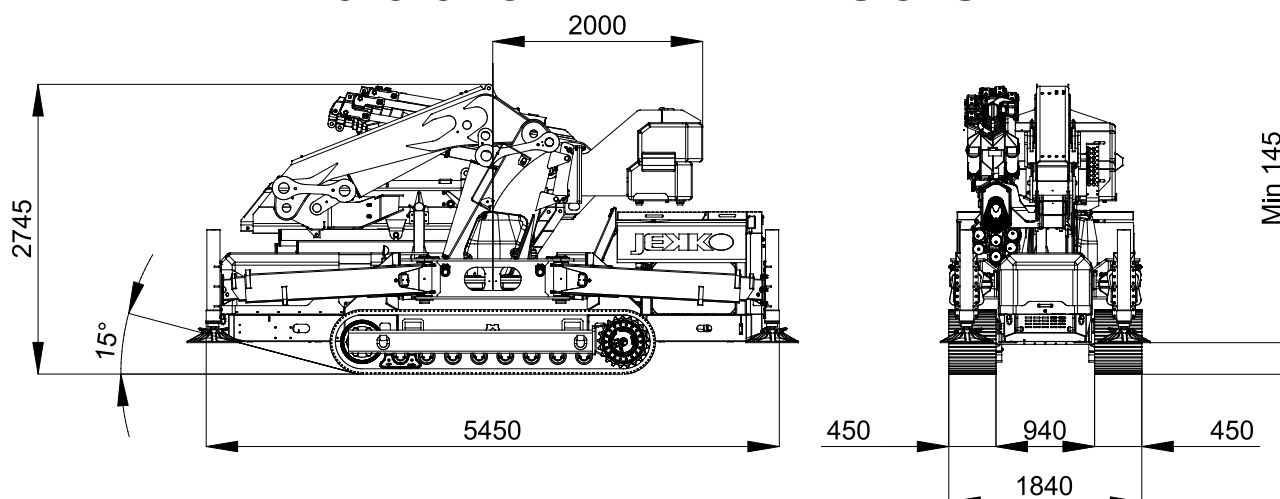




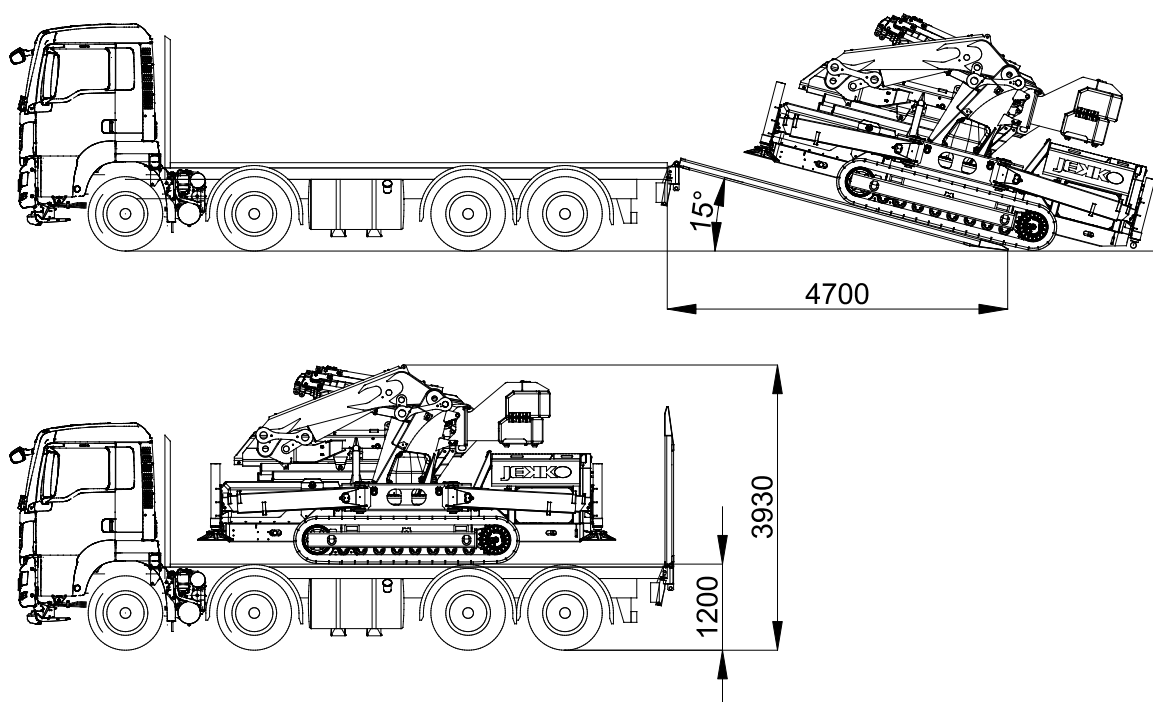
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|      |                           |
|------|---------------------------|
| Date | Aug 29 <sup>th</sup> 2017 |
| REV. | Rev. 1                    |

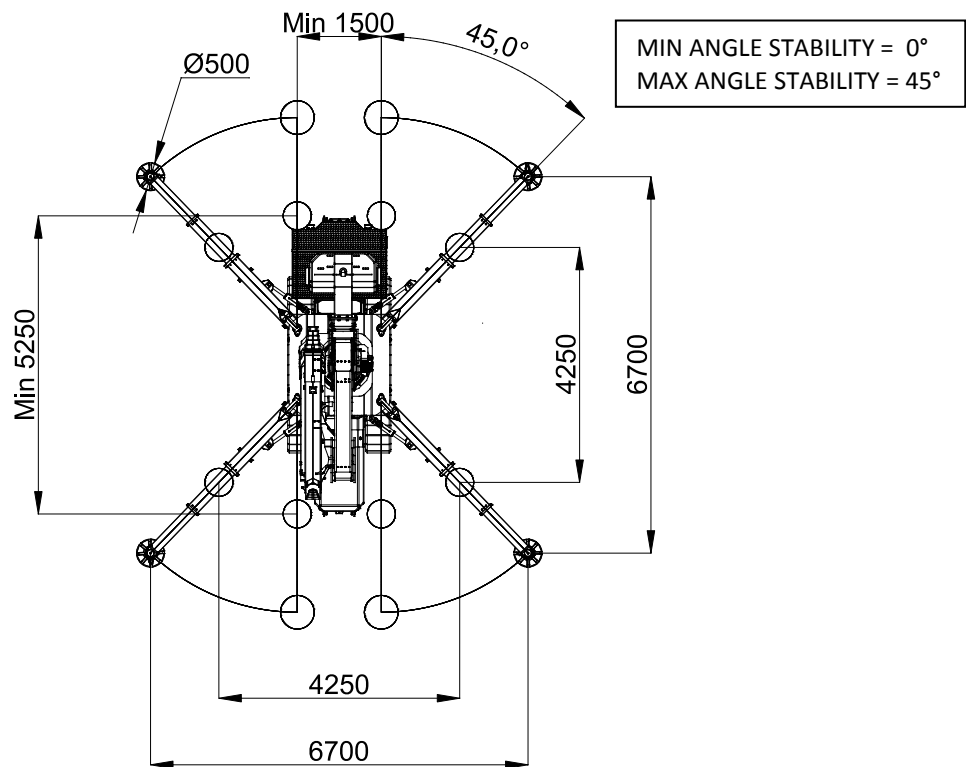
## JF545 - OVERALL DIMENSIONS



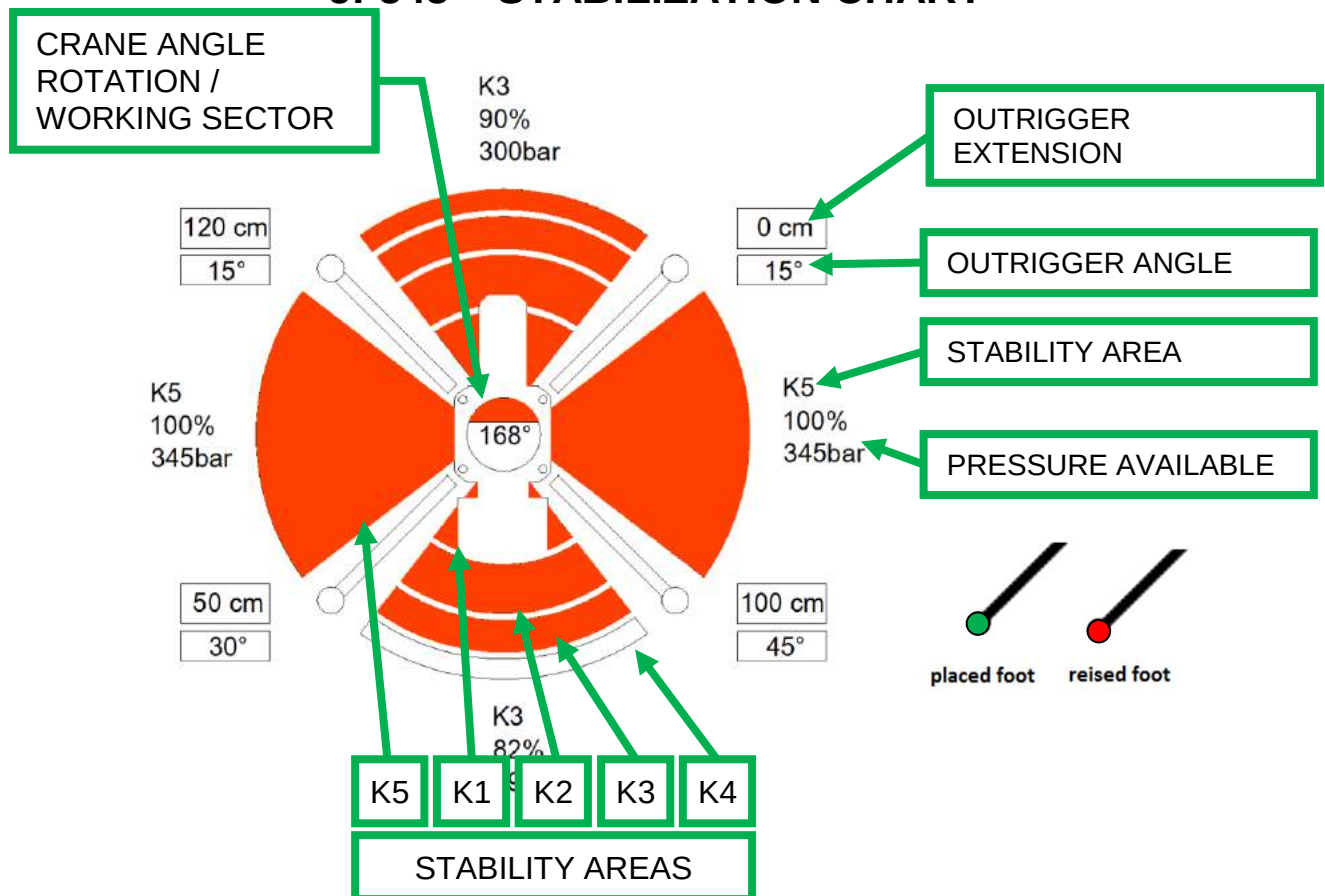
## JF545 – TRANSPORTABILITY



## JF545 – STABILIZATION AREA

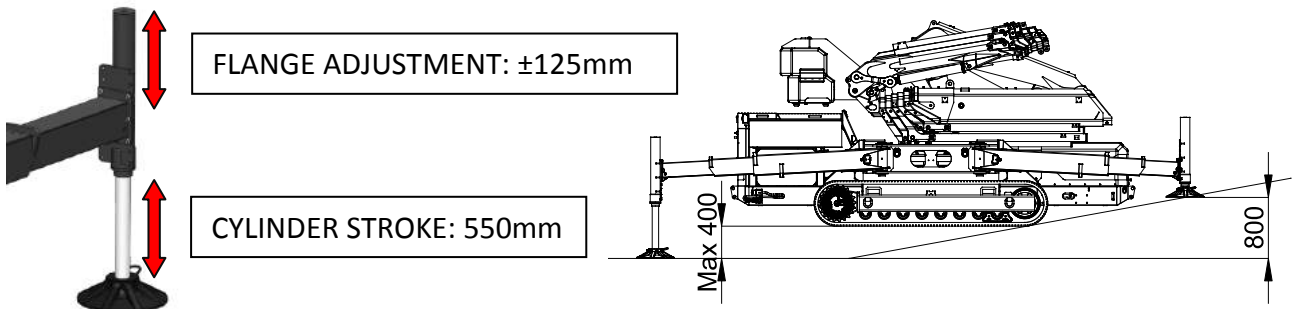


## JF545 – STABILIZATION CHART\*

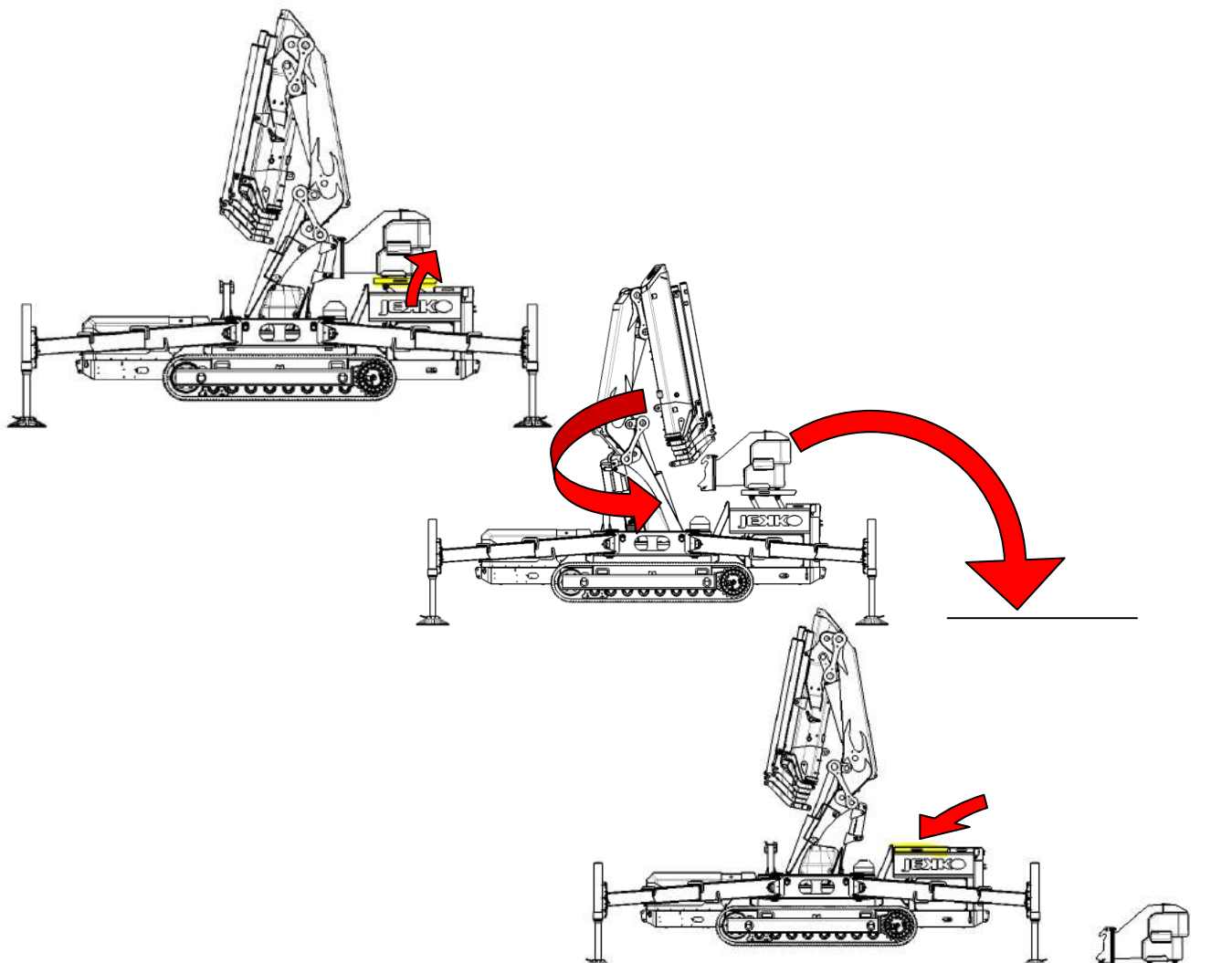


\*The division in 4 areas is a schematic simplification: software adapts level pressure continuously

## JF545 – STABILIZATION ADJUSTMENT



## JF545 – COUNTERWEIGHT REMOVAL

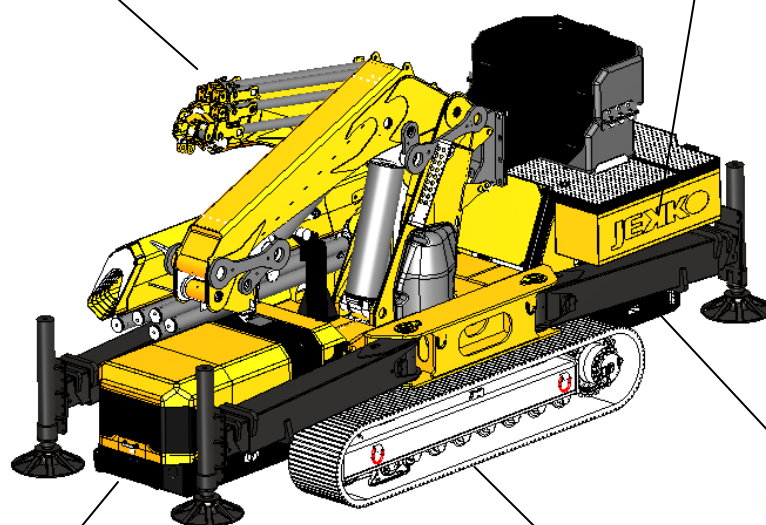
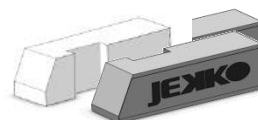


## JF545 – OPTIONS

**MAN BASKET**



**TOOL BOXES**



**POWER PACK**



**ENGINE**

- KUBOTA V3307-E3B - STAGE IIIA
- KUBOTA V3800 TIEF4B – STAGE IV/TIER 4F



**LOW MARKING  
WHITE PADS**

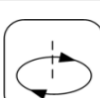


|                                                                                   |                                                                                   |              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|
|  |                                                                                   | kg           |
|                                                                                   |  | 13700        |
|                                                                                   |  | 3500         |
|                                                                                   | <b>Tot.</b>                                                                       | <b>17200</b> |

|                                                                                   |                          |                                                                                      |                |    |
|-----------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------|----------------|----|
|  | KUBOTA<br>V3307-DI-T-E3B |  kW | 55,4kW / 74 HP |    |
|                                                                                   |                          |     | DIESEL         |    |
|                                                                                   |                          |     | I              | 70 |

|                                                                                     |                              |                                                                                        |                 |  |
|-------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------------------------------|-----------------|--|
|  | THREE-PHASE<br>ELETRIC POWER |  kW | 13 kW / 17,4 HP |  |
|                                                                                     |                              |     | 400V            |  |

|                                                                                     |                                                   |       |
|-------------------------------------------------------------------------------------|---------------------------------------------------|-------|
|  | km/h                                              | 2,50  |
|  | 20° continuously<br>max. 30° for less than 10 min |       |
|  | kg/cm²                                            | 0,85  |
|  | kg                                                | 11250 |

|                                                                                     |      |          |
|-------------------------------------------------------------------------------------|------|----------|
|  | 80°  |          |
|  | 360° |          |
|  | m    | 0 - 28,2 |



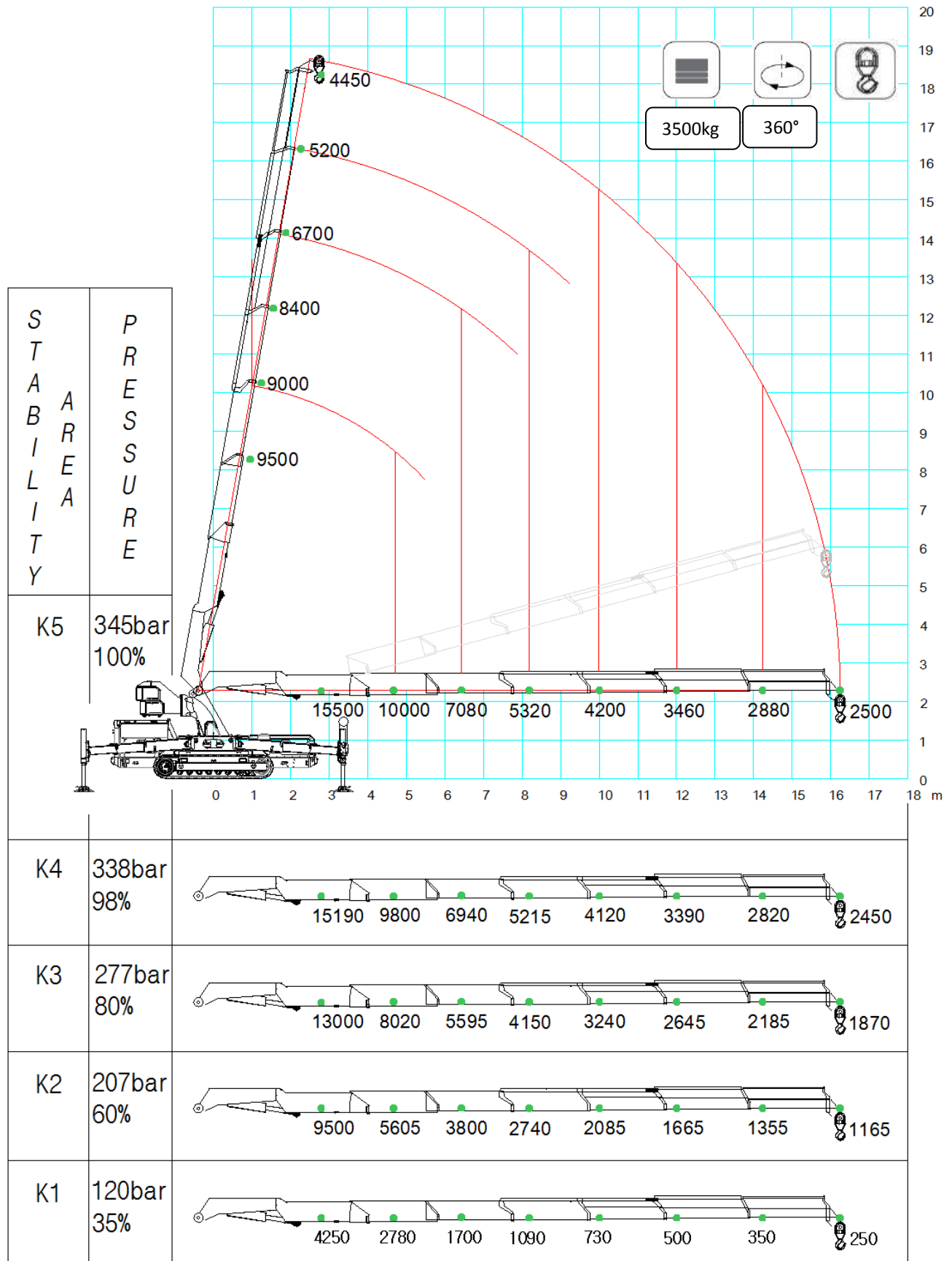
## HOIST PERFORMANCE

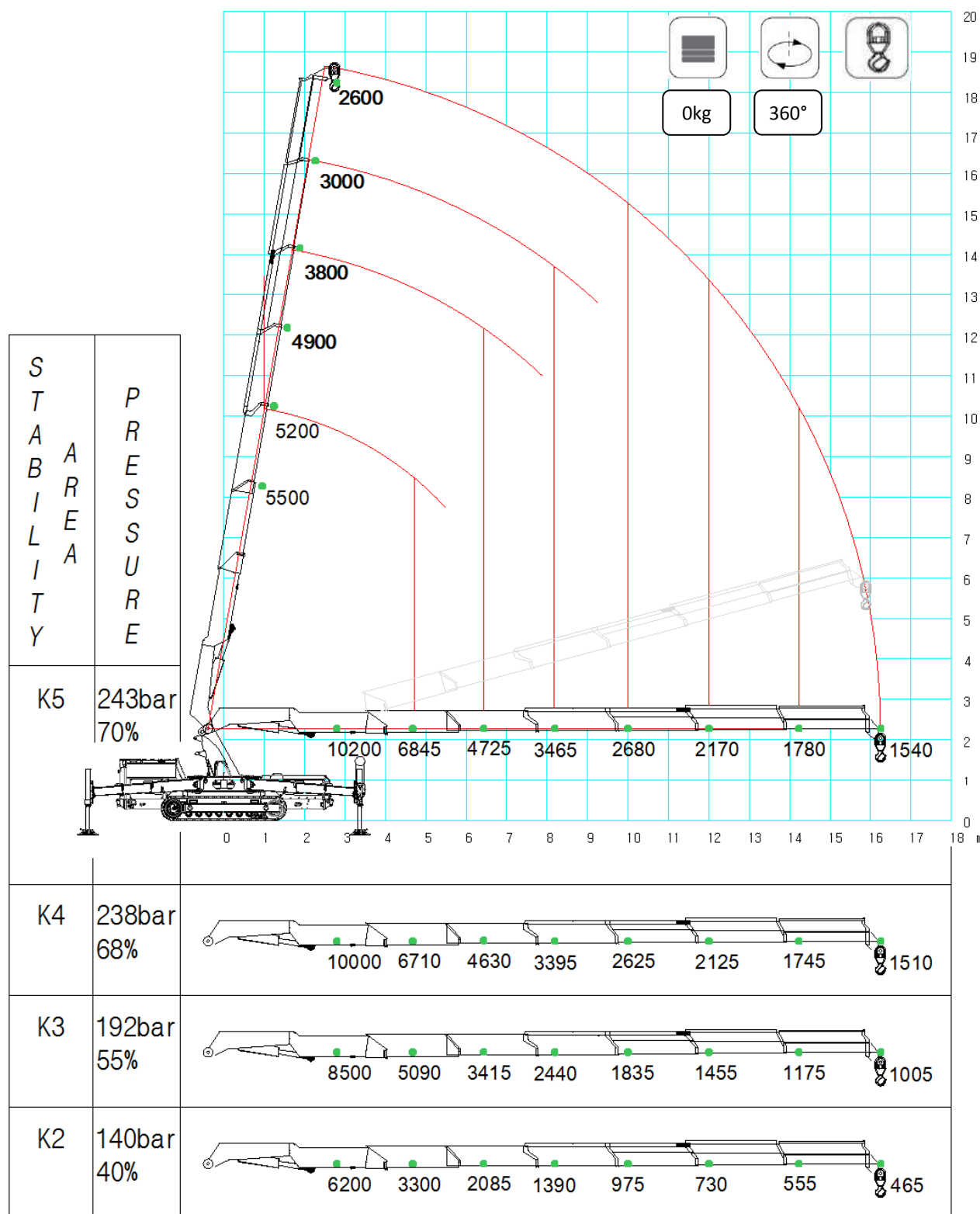
| Layer | Max Line Pull* | Normal Line Speed | High Line Speed |
|-------|----------------|-------------------|-----------------|
|       | kg             | m/min             | m/min           |
| 1     | 2600           | 36,5              |                 |
| 2     | 2400           | 40                |                 |
| 3     | 2200           | 43,5              |                 |
| 4     | 2040           | 47                |                 |

\*LMI limited to 2000kg

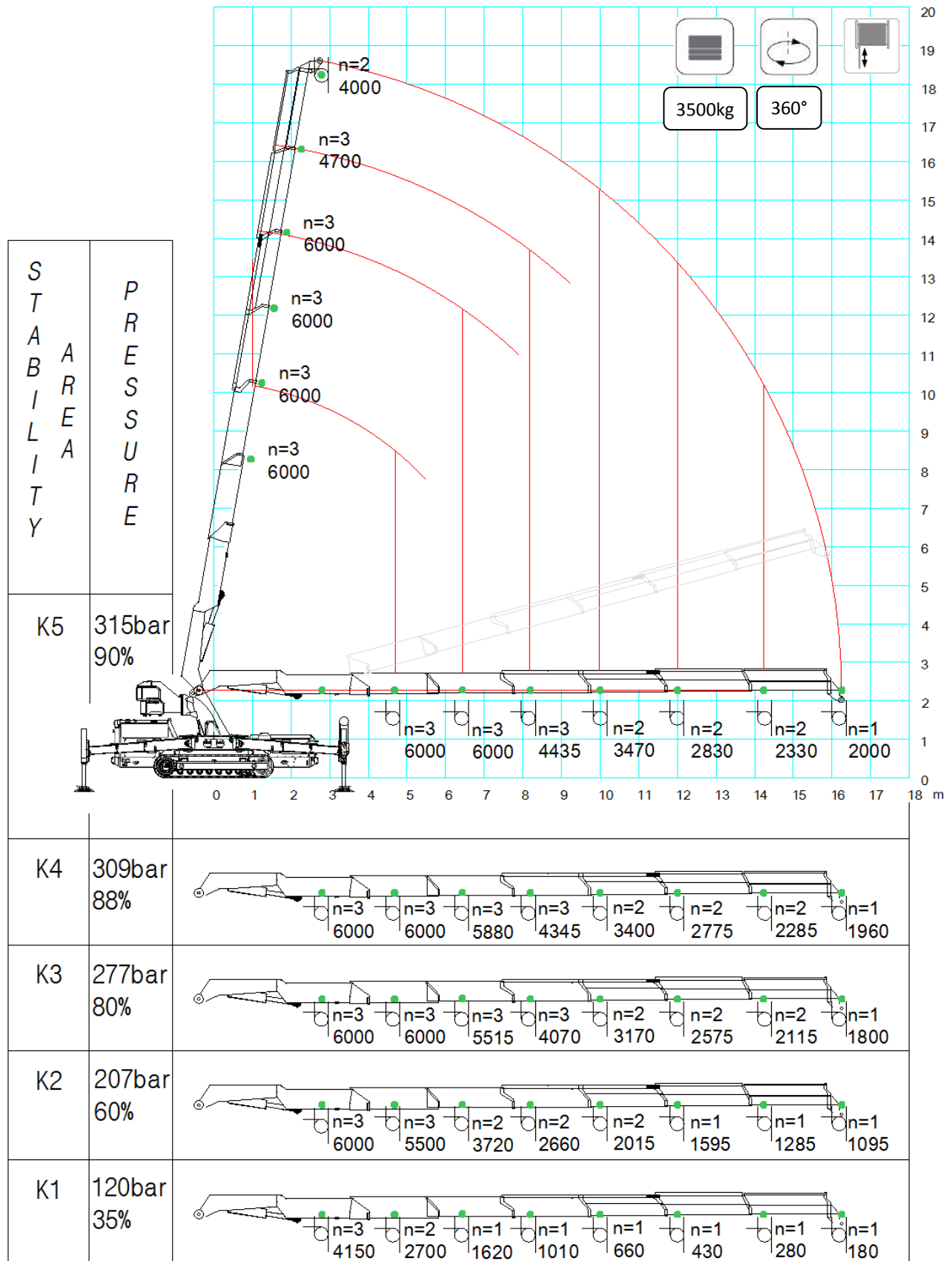
| Wire Rope      | Diameter | Tot. Length | Max Load |
|----------------|----------|-------------|----------|
|                | mm       | m           | kg       |
| Right lang lay | 12       | 60          | 2400     |

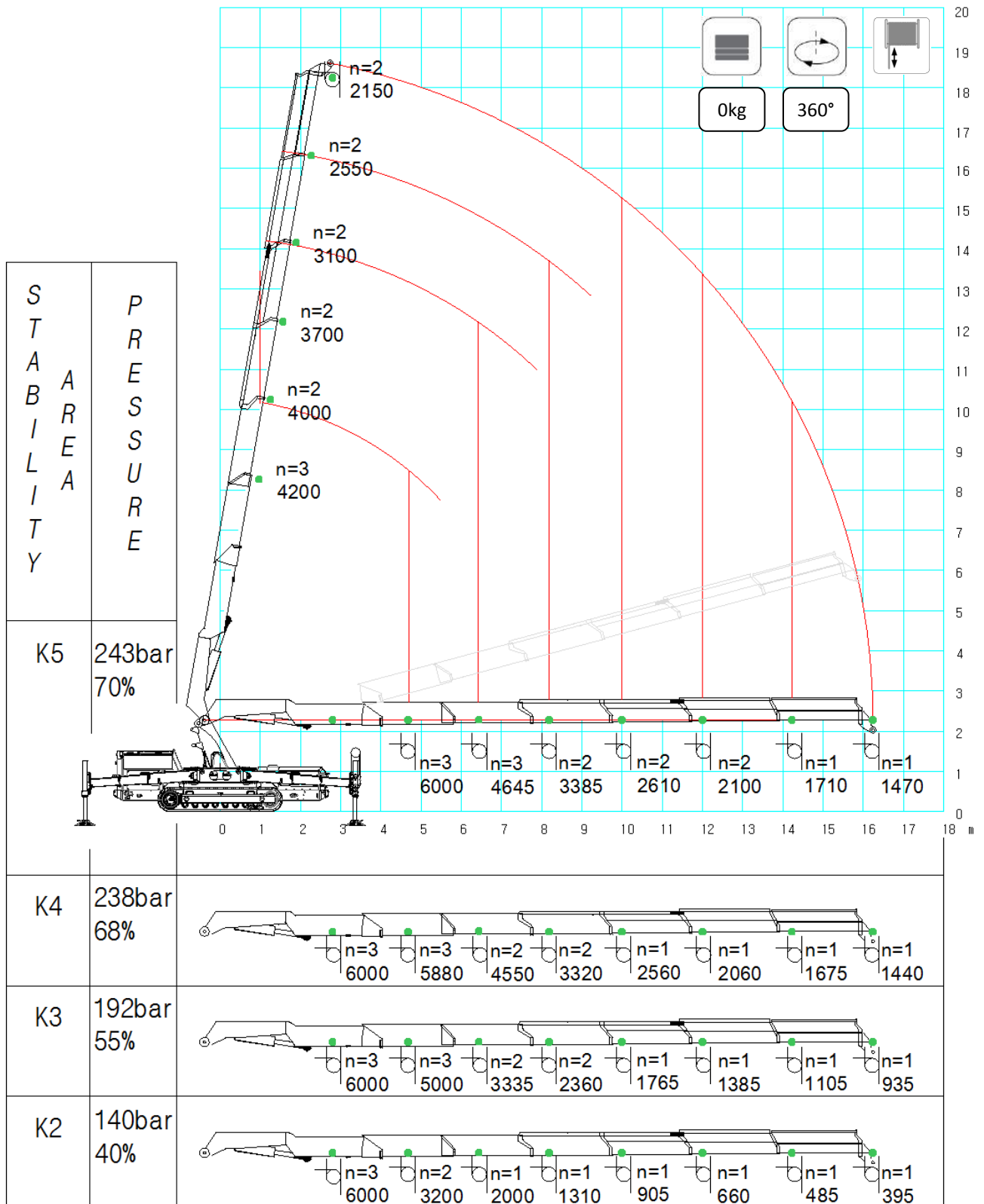
## JF545RA.2.26 with HOOK



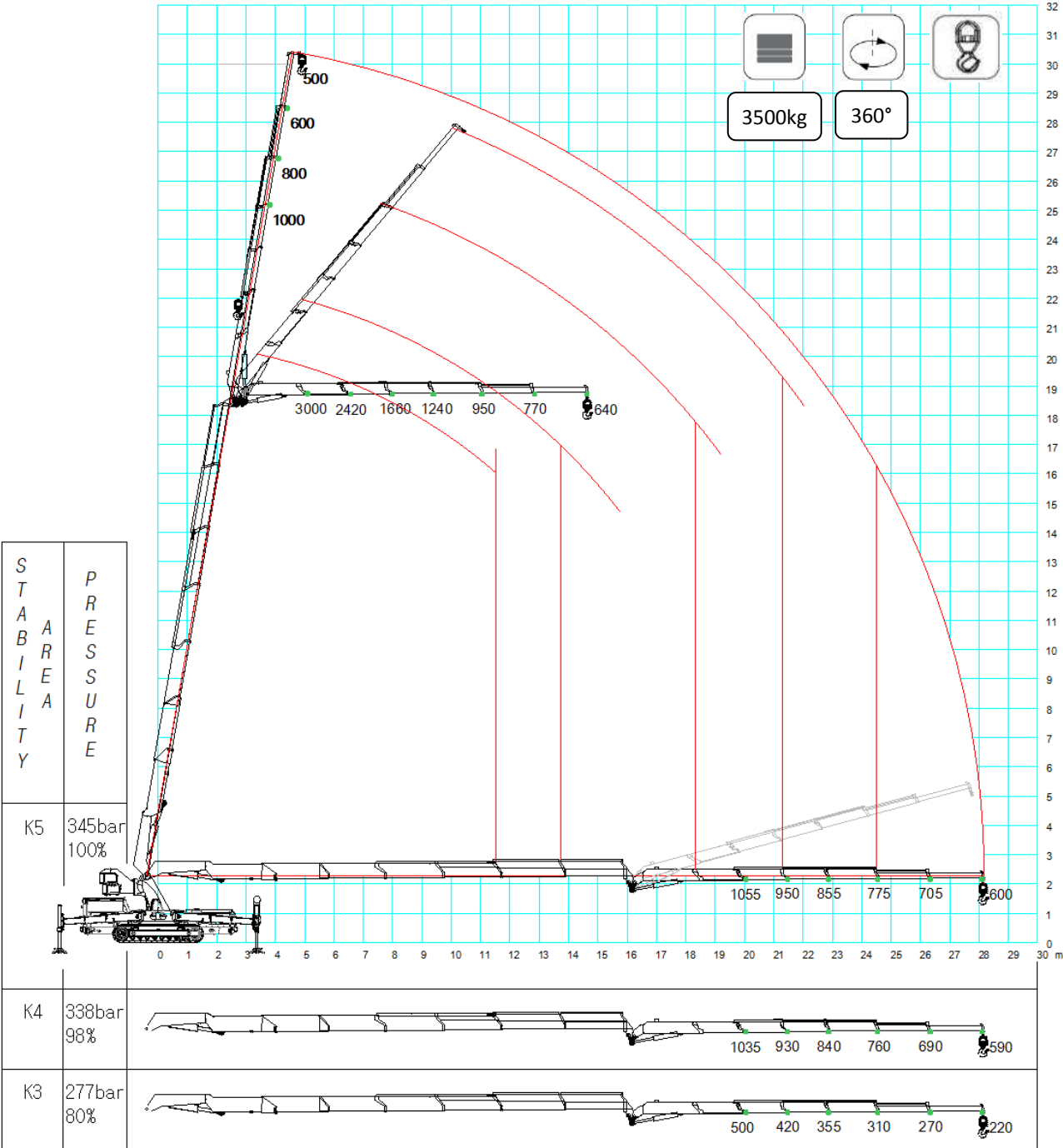


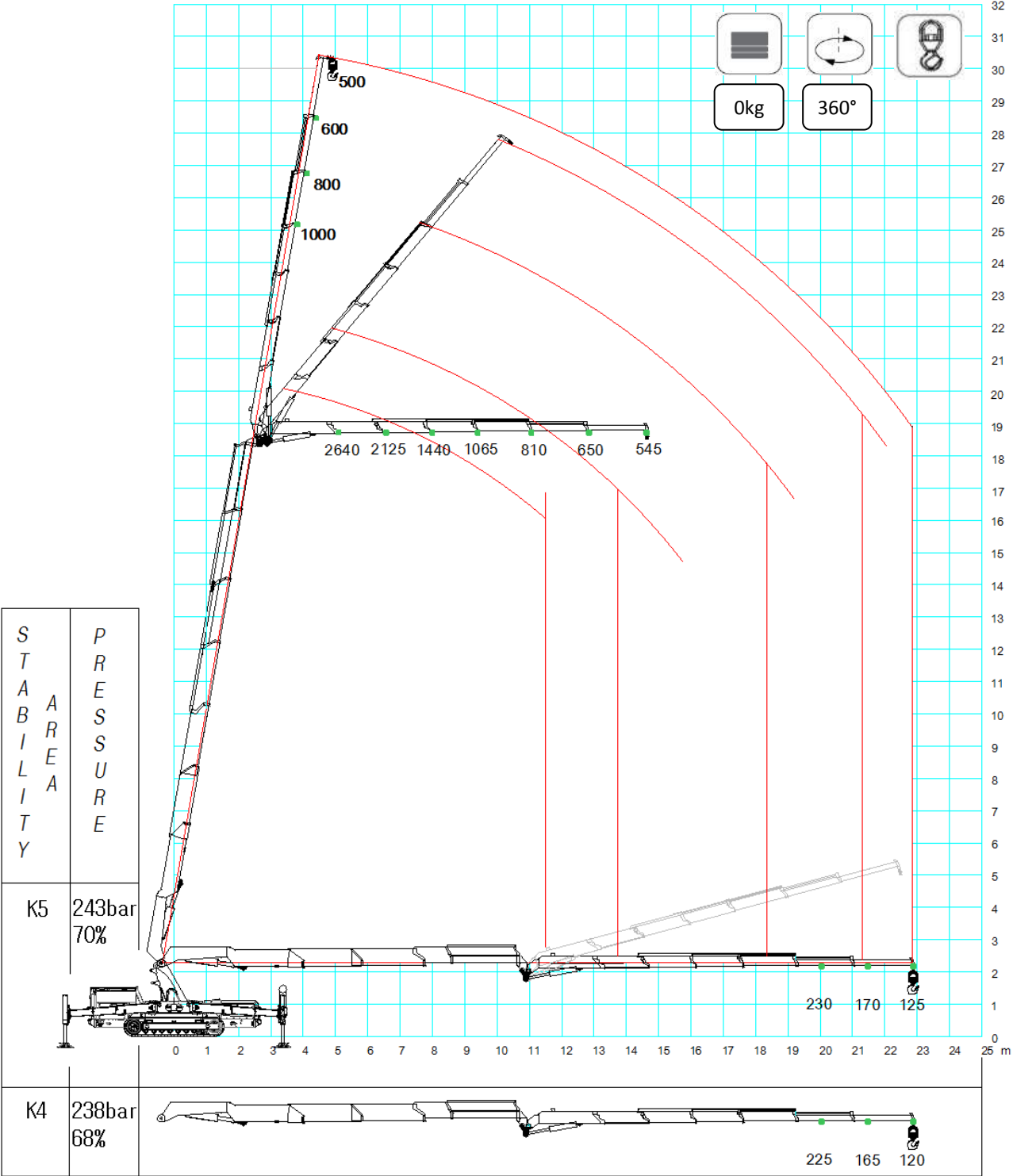
## JF545RA.2.26 with PULLEY



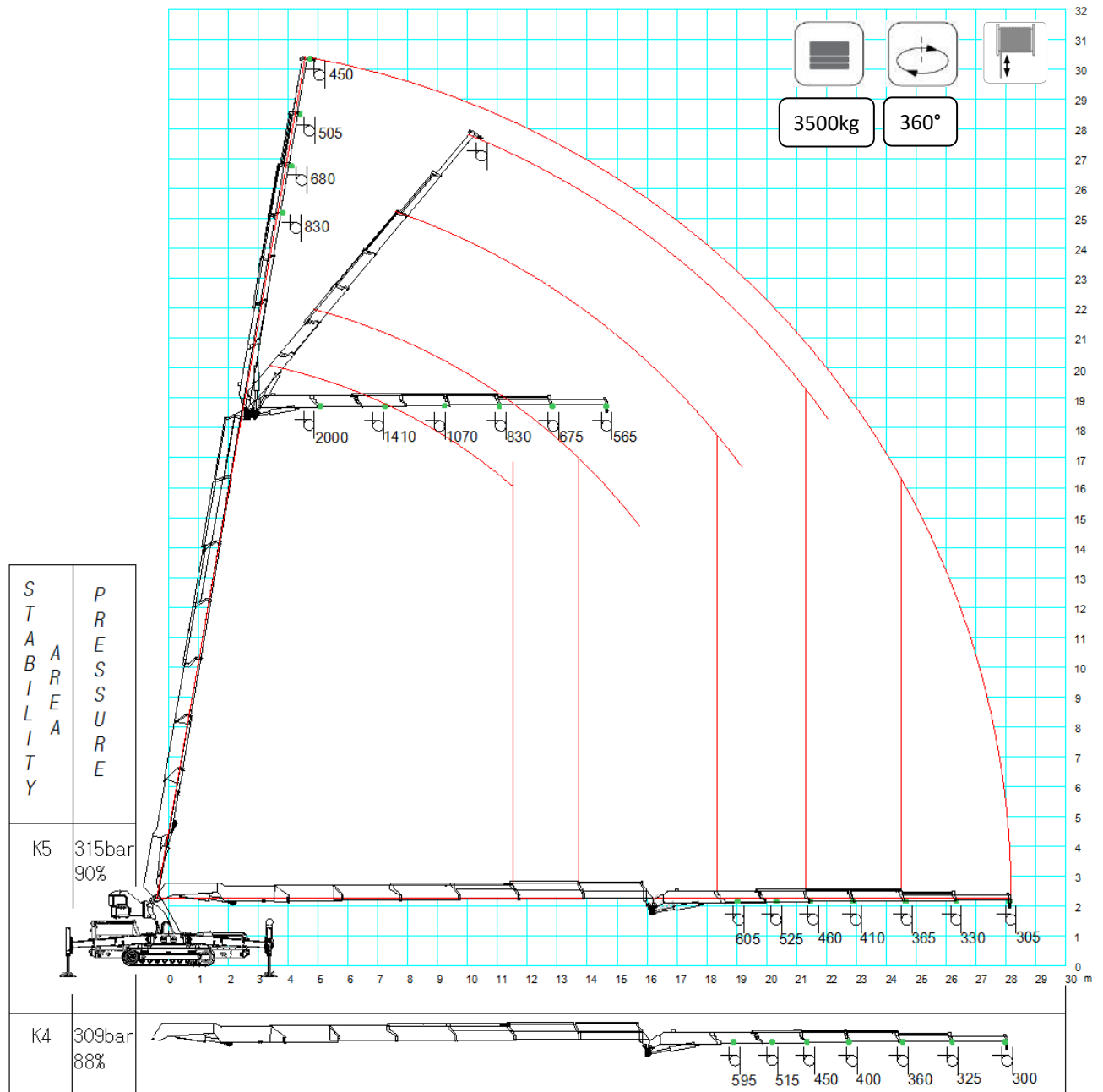


# F545RA.2.26 + L426 with HOOK

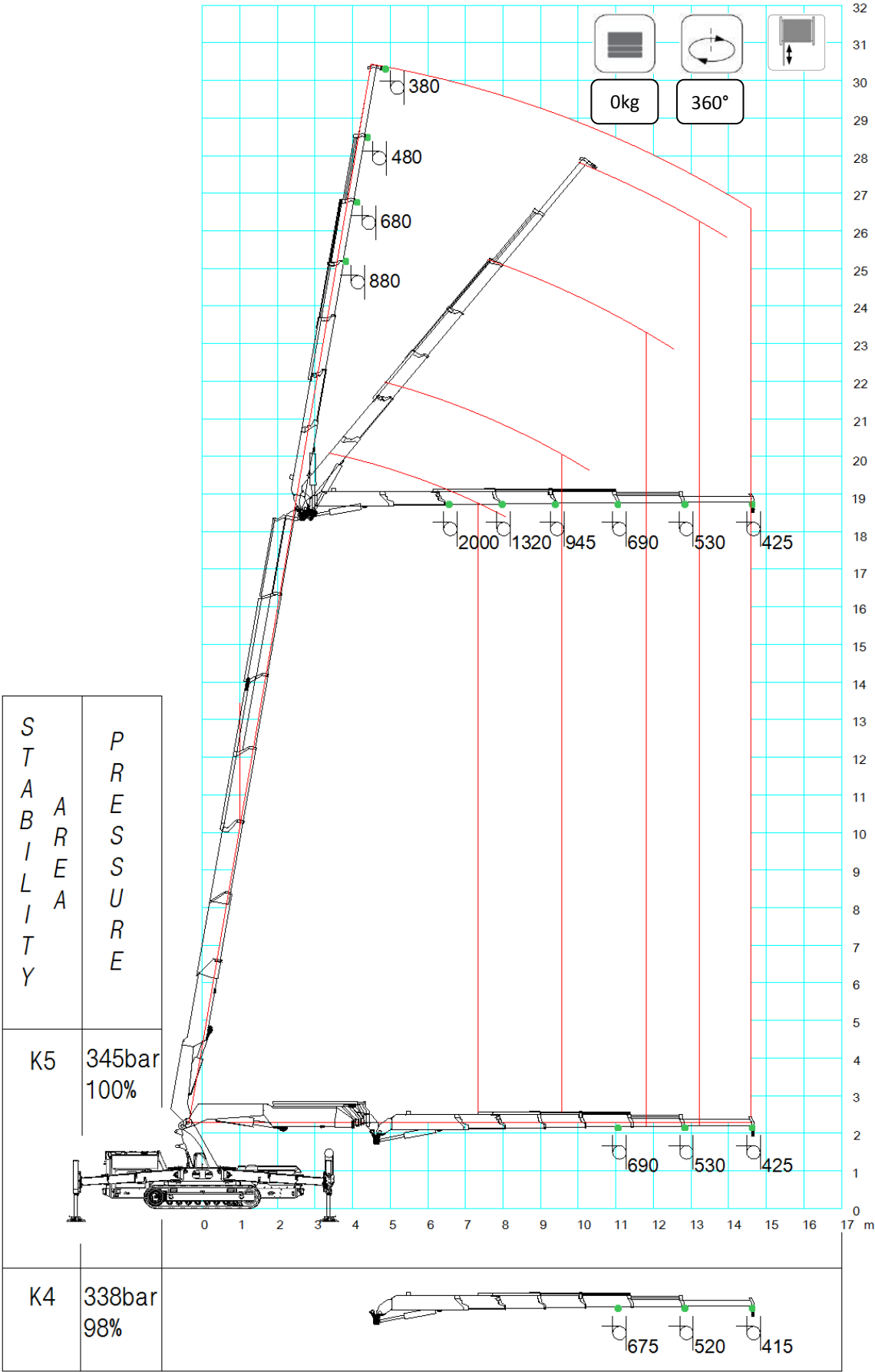




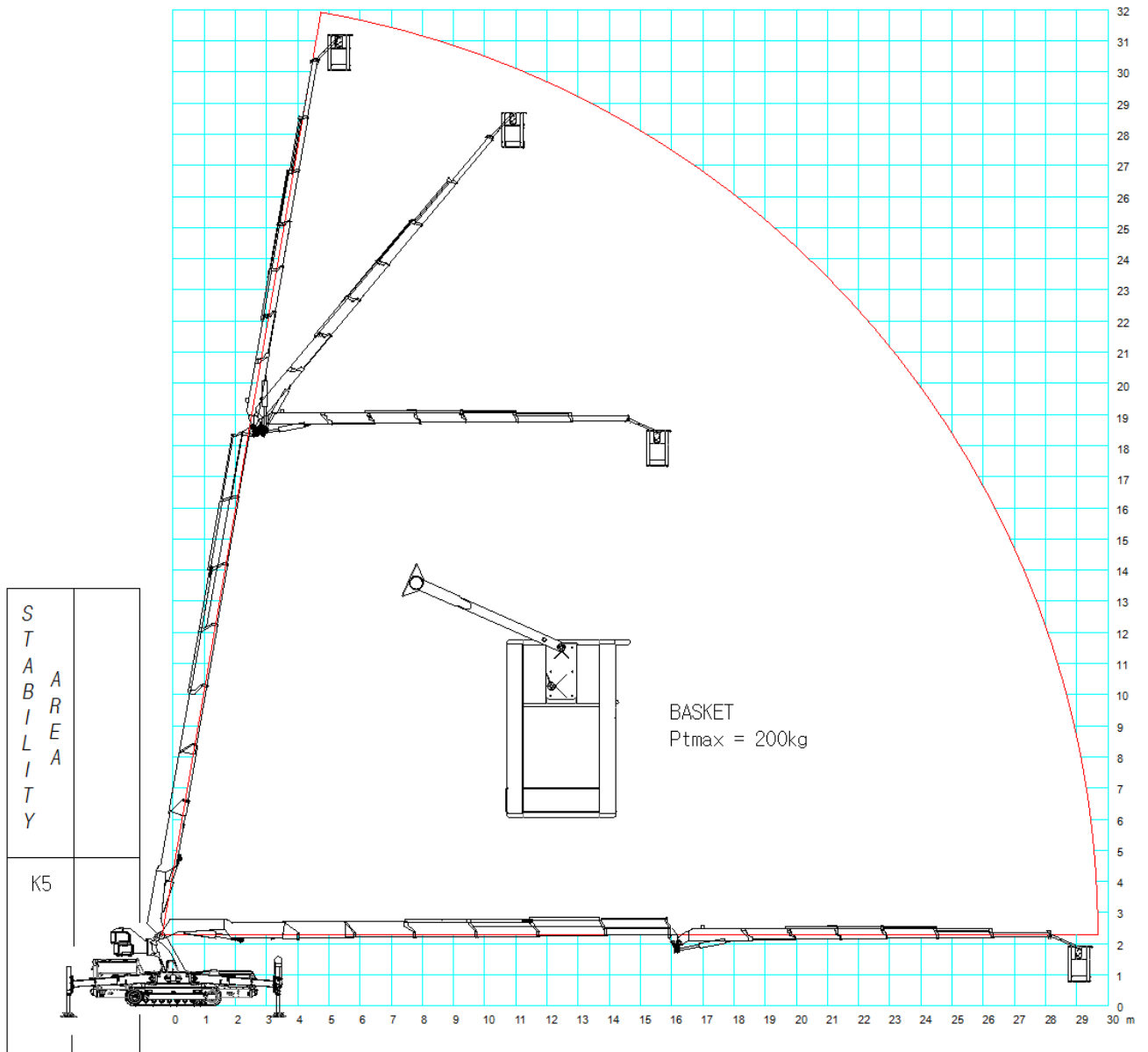
## JF545RA.2.26 with PULLEY



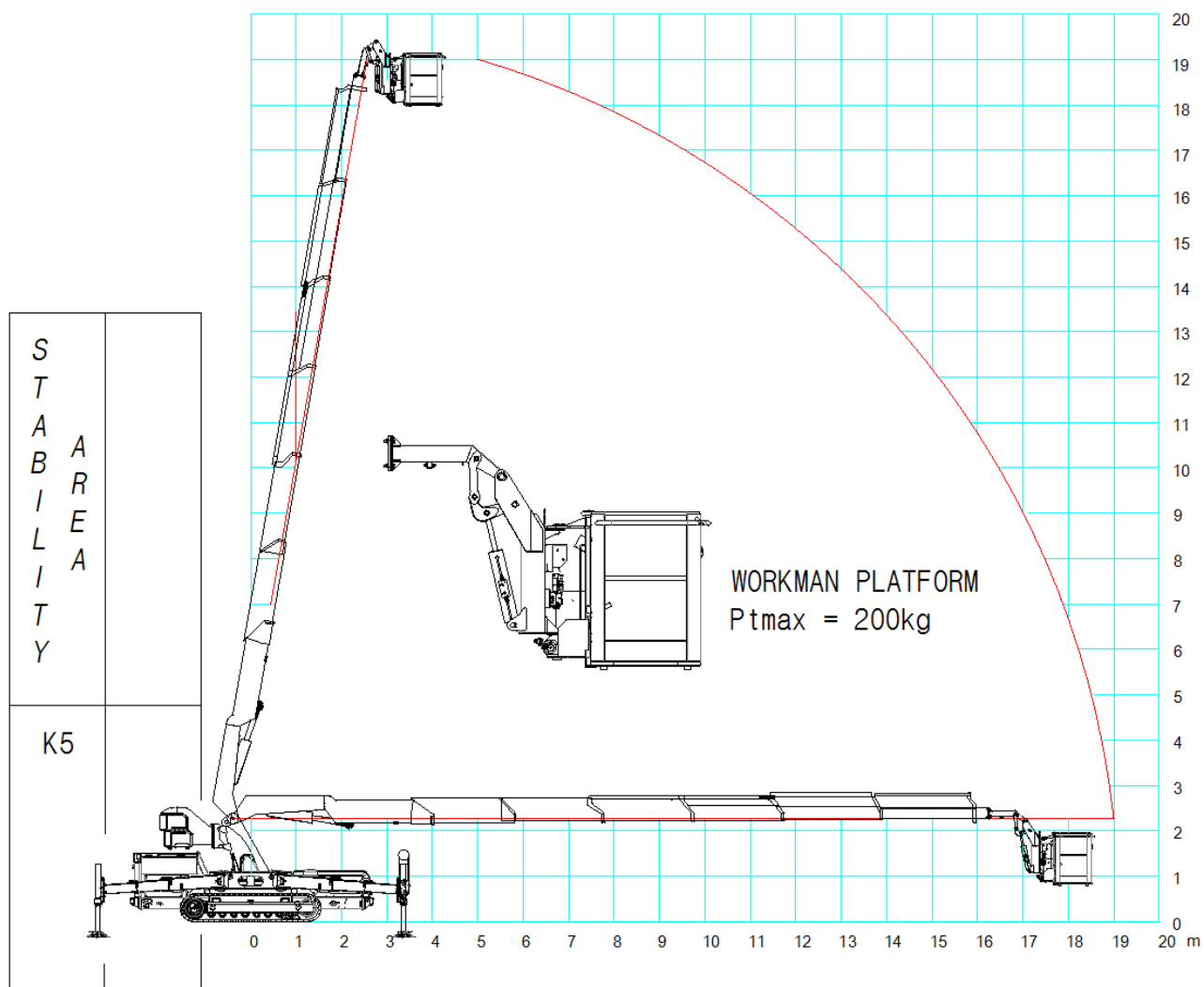




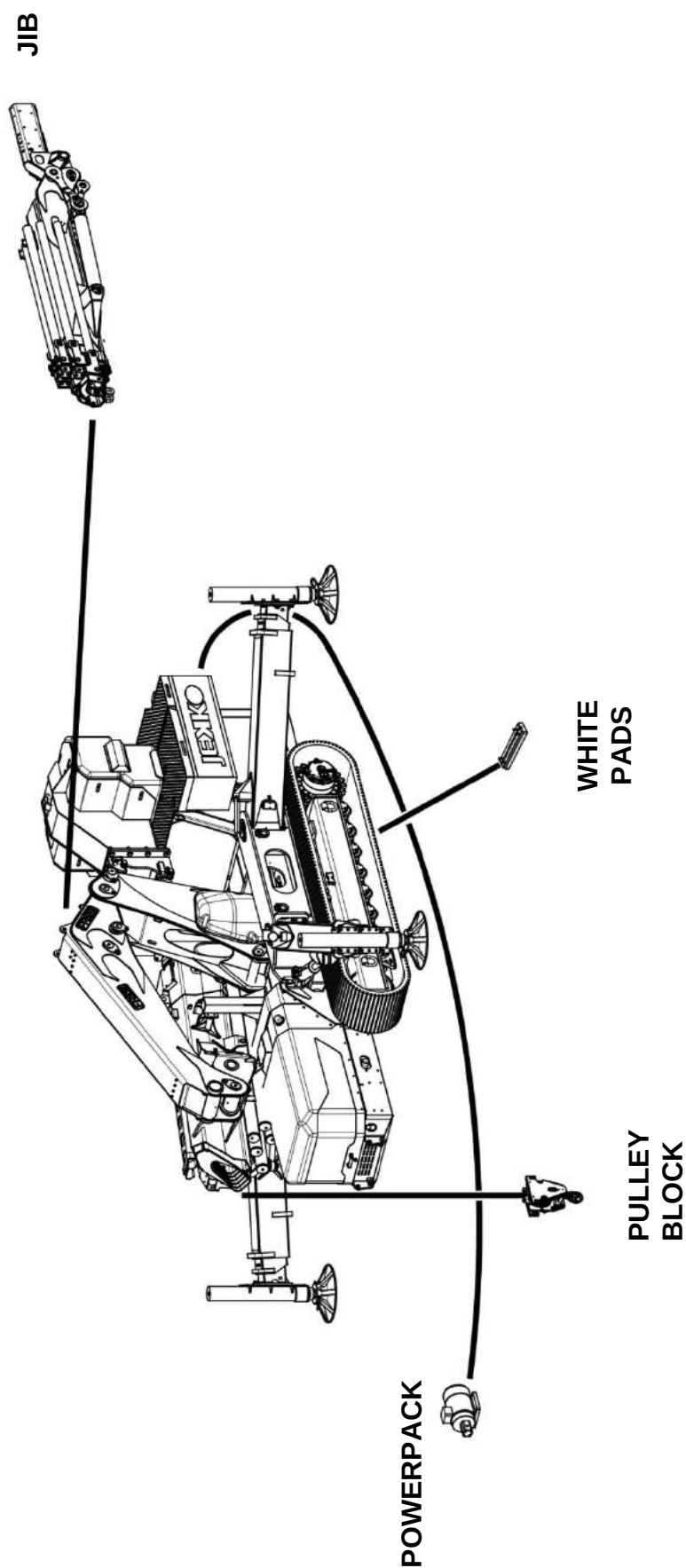
# MAN BASKET



# WORKMAN PLATFORM



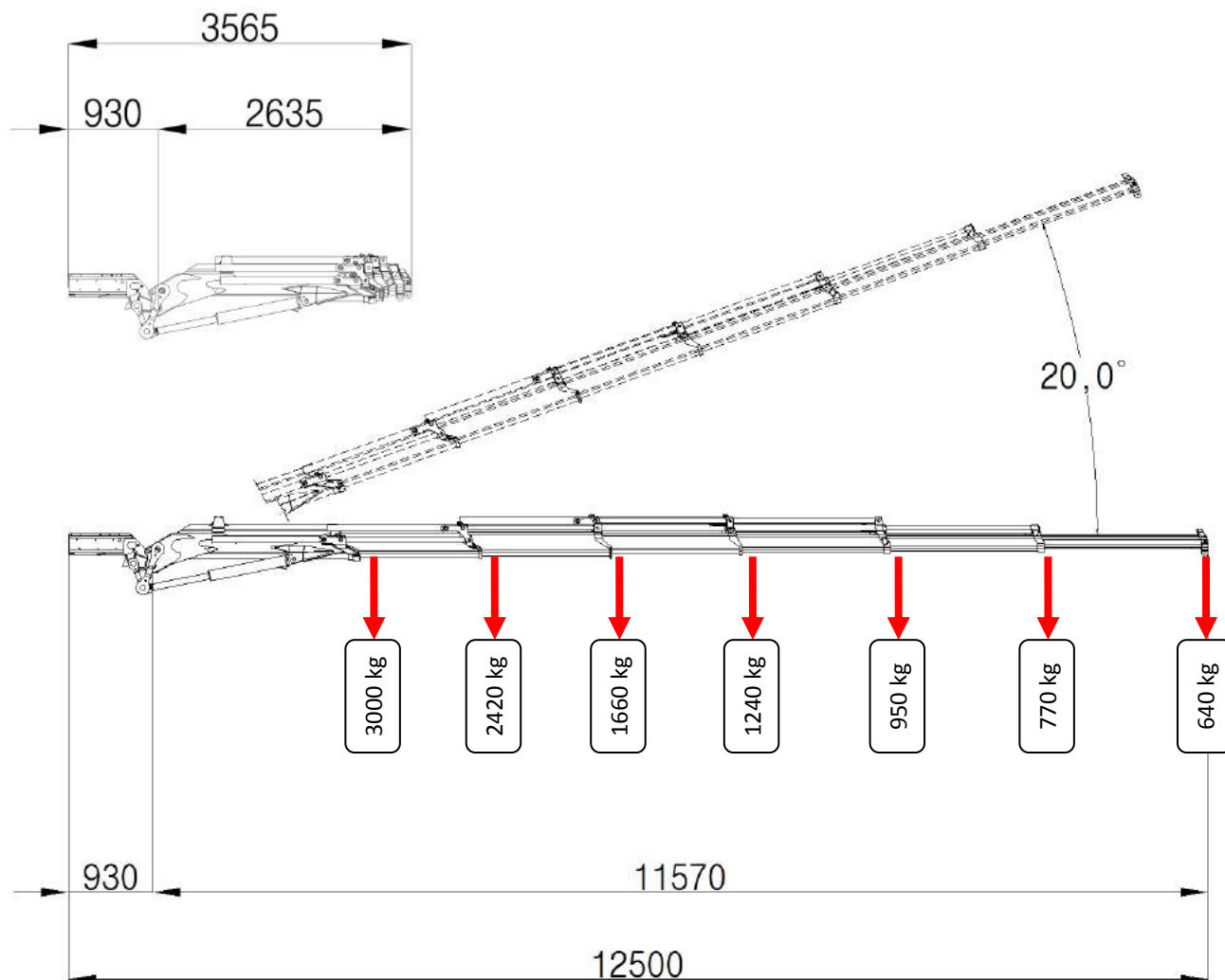
## ACCESSORIES



|                           | STD                                         | PC-02                                        | PC-12                                        |
|---------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|
| Boom, Covers & Outriggers | <input checked="" type="checkbox"/> RAL2004 | <input checked="" type="checkbox"/> RAL_____ | <input checked="" type="checkbox"/> RAL_____ |
| Chassis, Frames & Tanks   | <input checked="" type="checkbox"/> RAL7001 | <input checked="" type="checkbox"/> RAL7001  | <input checked="" type="checkbox"/> RAL_____ |

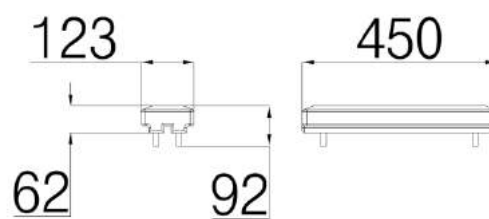
# ACCESSORIES FEATURES

## JIB L426



|                                                                                       |      |
|---------------------------------------------------------------------------------------|------|
|                                                                                       | kg   |
|  | 1200 |

## LOW MARKING PADS



|                                                                                     | kg<br>(1 pad) | kg tot<br>(92 pads) |
|-------------------------------------------------------------------------------------|---------------|---------------------|
|  | 3,25          | 300                 |

# SYMBOLS

|                                                                                     |                       |                                                                                     |                           |                                                                                     |                   |                                                                                       |                                      |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|--------------------------------------|
|    | Weight                |    | Chart Wheels              |    | Engine            |    | Jib lenght and angle                 |
|    | Counterweight         |    | Minipicker                |    | Diesel Fuel       |    | Jib Lenght                           |
|    | Crane                 |    | Back Wheel Point Loading  |    | Gasoline Fuel     |    | Jib Radius                           |
|    | Travel Speed          |    | Front wheel Point Loading |    | Tank              |    | Hydraulic Jib Lenght                 |
|    | Gradeability          |    | Travel Speed              |    | Battery           |    | Hydraulic Jib Radius                 |
|    | Outrigger Load        |    | Gradeability              |    | Power             |    | Mechanical Jib Lenght                |
|   | Track Loading         |   | Working Radius            |   | Boom Angle        |   | Mechanical Jib Radius                |
|  | Outriggers Setup      |  | Hookblock                 |  | Boom Lenght       |  | Manipulator Lenght                   |
|  | 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              |

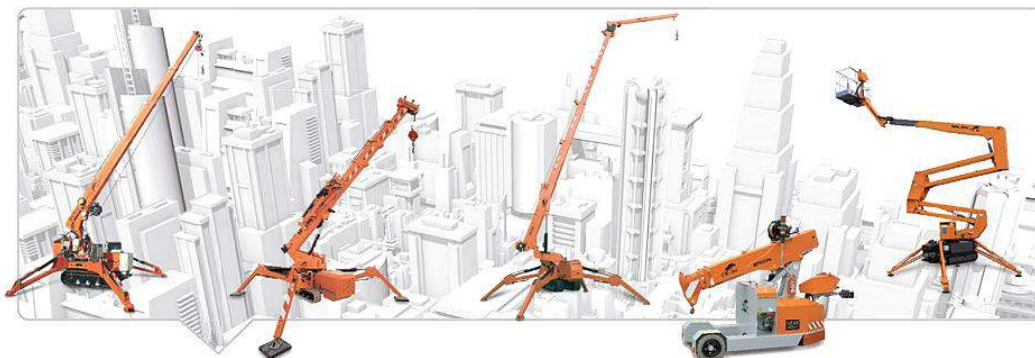
## Remarks referring to load chart

- 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 1m<sup>2</sup> 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 mesured 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.

## NOTES



## NOTES



DEALER



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