

# Truck-mounted knuckle-boom crane

A heavy-duty loader crane family with six extension configurations for high-capacity lifting and extended reach.



Proposed installation concept. Vehicle and fitment shown for illustration.

## LIFTING MOMENT

**20.1-22.2 tm**

## HYDRAULIC REACH

**6-16 m**

## STANDARD WEIGHT

**2,920-3,420 kg**

## Built for commercial vehicle applications

High-tensile steel construction and hydraulic telescopic reach support versatile material handling. Hydrolift equipment is presented through the Al Furat partnership for commercial vehicle and fleet applications.

## Configuration and equipment

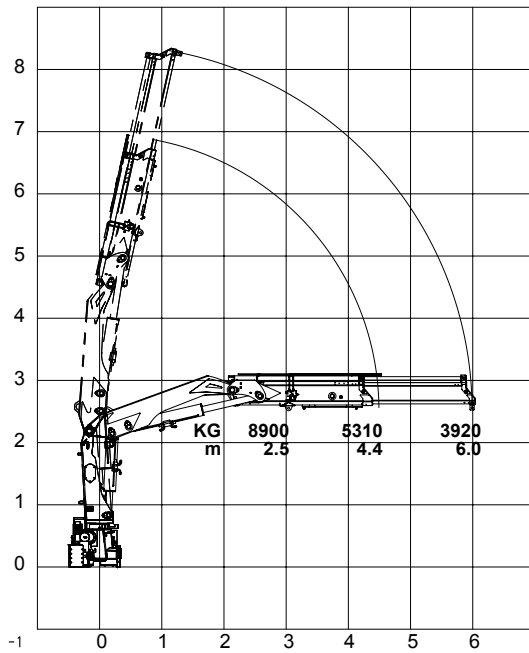
Safety/control packages are configuration dependent: Hx standard; HPS overload protection; HPro radio remote; HPro+ safety, remote control and intelligent monitoring. Specify the required package when ordering.

Manufacturer references and detailed specifications follow.

## Load envelopes - K1 and K2

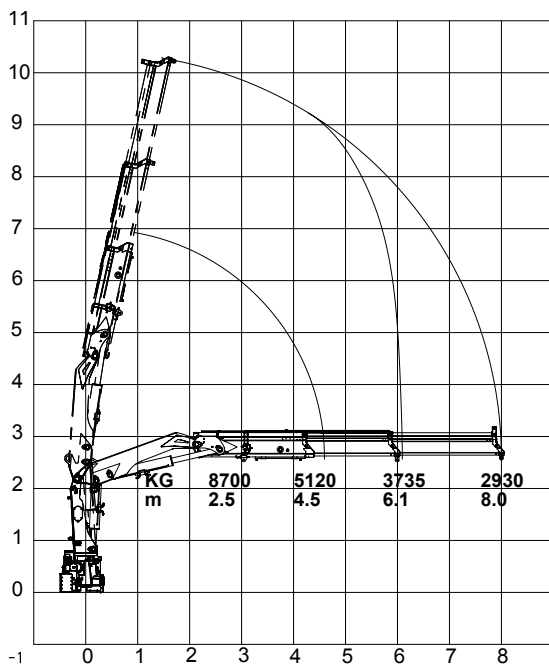
Manufacturer geometry with clearly tabulated lifting capacities at the labelled radii.

### 2475-K1



| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,900         |
| 4.4        | 5,310         |
| 6.0        | 3,920         |

### 2475-K2



| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,700         |
| 4.5        | 5,120         |
| 6.1        | 3,735         |
| 8.0        | 2,930         |

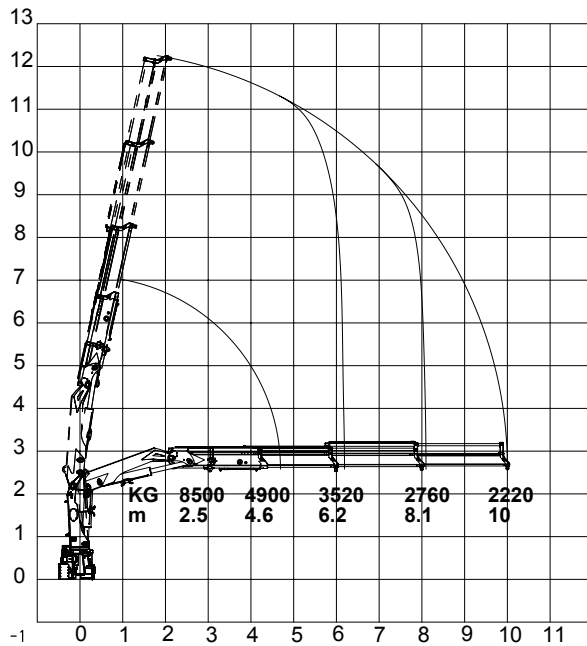
Operate to the installed crane chart and approved outrigger configuration. Values apply at stated radii; do not infer capacities between these points.



## Load envelopes - K3 and K4

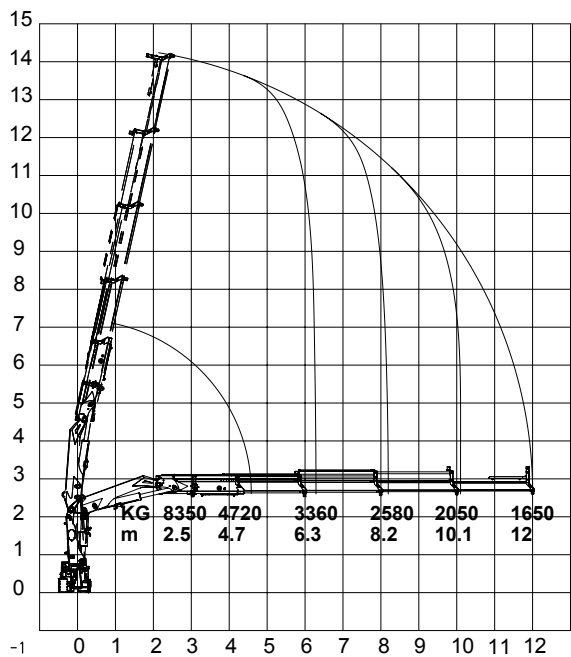
Manufacturer geometry with clearly tabulated lifting capacities at the labelled radii.

### 2475-K3



| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,500         |
| 4.6        | 4,900         |
| 6.2        | 3,520         |
| 8.1        | 2,760         |
| 10.0       | 2,220         |

### 2475-K4



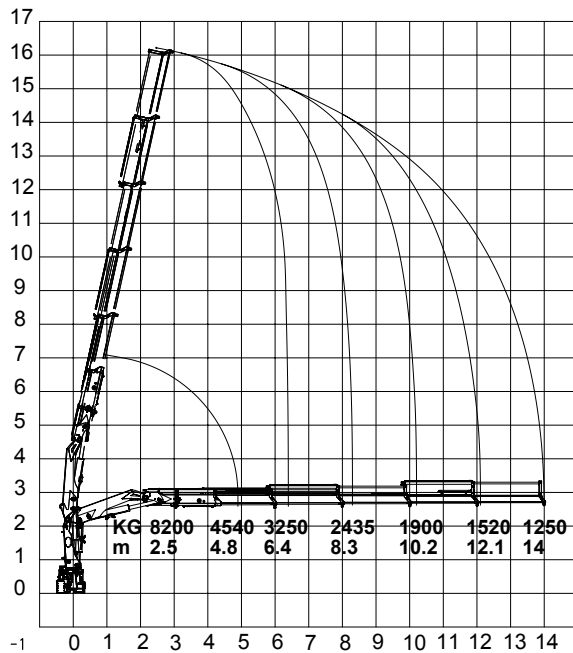
| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,350         |
| 4.7        | 4,720         |
| 6.3        | 3,360         |
| 8.2        | 2,580         |
| 10.1       | 2,050         |
| 12.0       | 1,650         |

Operate to the installed crane chart and approved outrigger configuration. Values apply at stated radii; do not infer capacities between these points.

## Load envelopes - K5 and K6

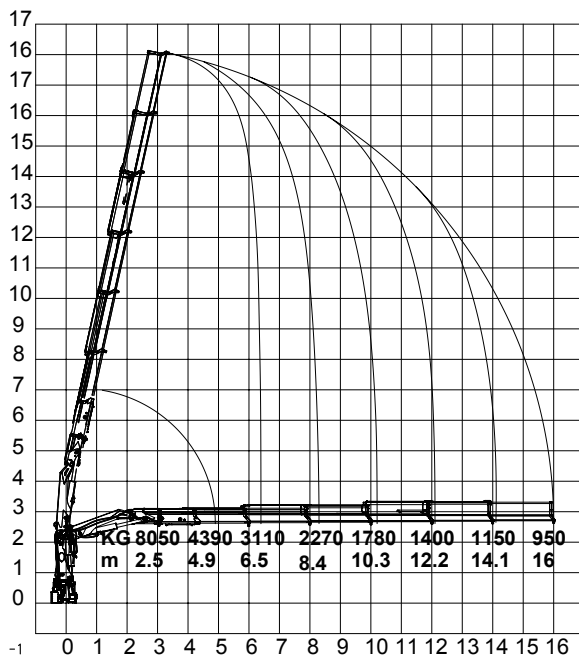
Manufacturer geometry with clearly tabulated lifting capacities at the labelled radii.

### 2475-K5



| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,200         |
| 4.8        | 4,540         |
| 6.4        | 3,250         |
| 8.3        | 2,435         |
| 10.2       | 1,900         |
| 12.1       | 1,520         |
| 14.0       | 1,250         |

### 2475-K6



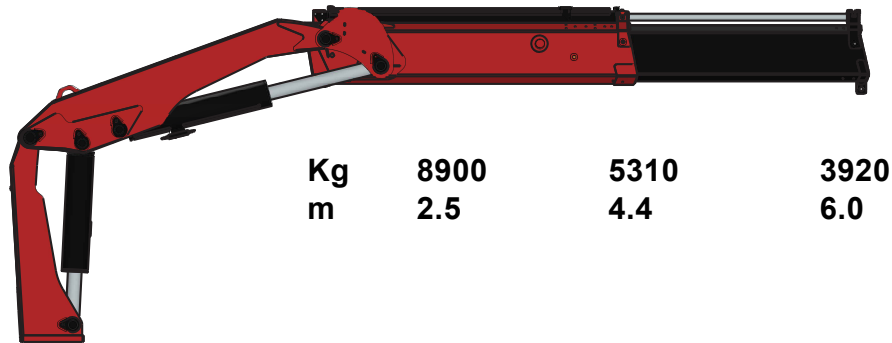
| Radius (m) | Capacity (kg) |
|------------|---------------|
| 2.5        | 8,050         |
| 4.9        | 4,390         |
| 6.5        | 3,110         |
| 8.4        | 2,270         |
| 10.3       | 1,780         |
| 12.2       | 1,400         |
| 14.1       | 1,150         |
| 16.0       | 950           |

Operate to the installed crane chart and approved outrigger configuration. Values apply at stated radii; do not infer capacities between these points.

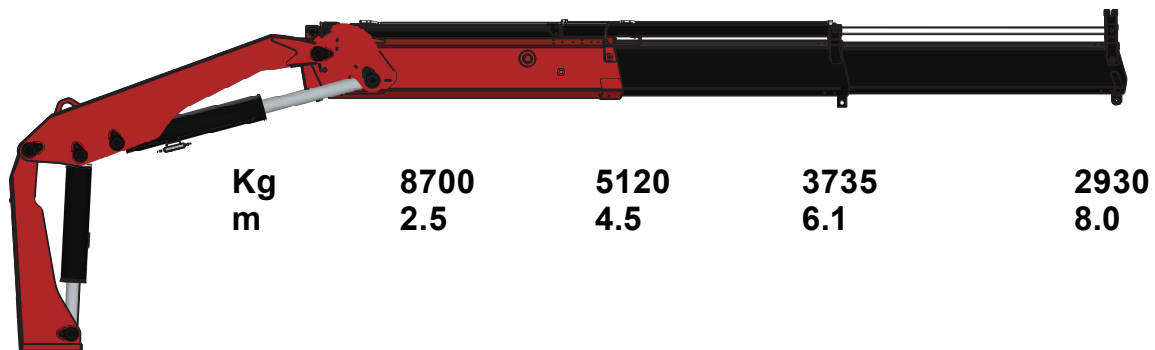
## Linear lifting charts - K1 to K3

Original manufacturer illustrations. Capacity in kg; radius in m.

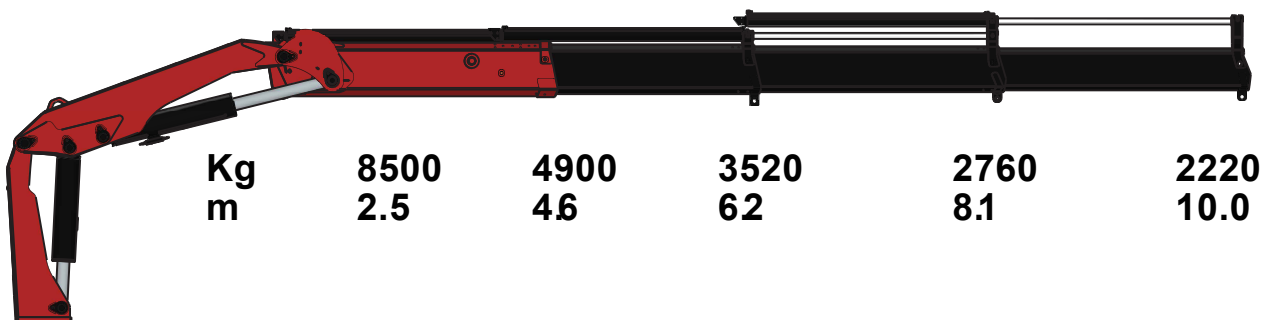
### 2475-K1



### 2475-K2



### 2475-K3

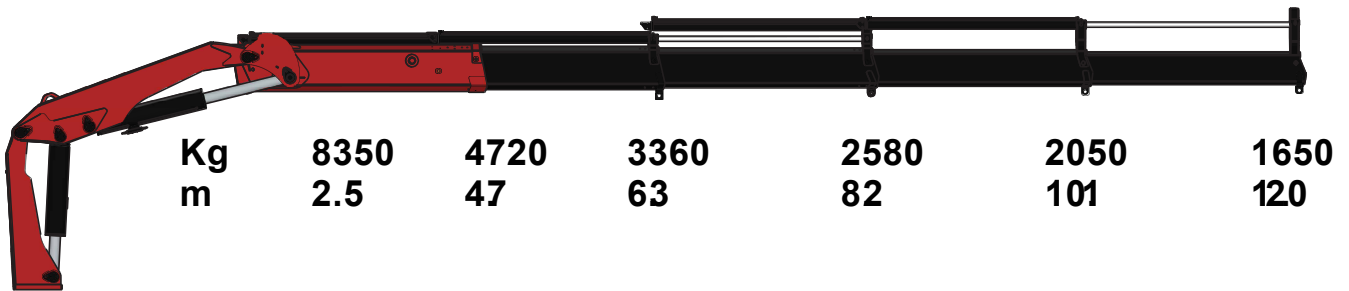


Source illustrations retained. For decimal radii, use the capacity tables on pages 2-4.

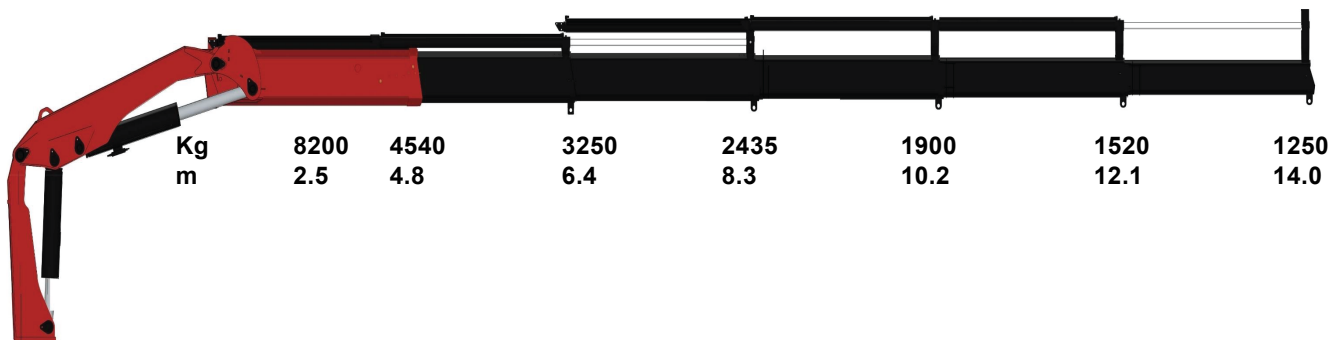
## Linear lifting charts - K4 to K6

Original manufacturer illustrations. Capacity in kg; radius in m.

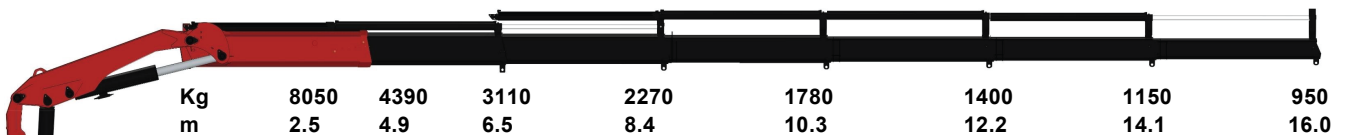
### 2475-K4



### 2475-K5



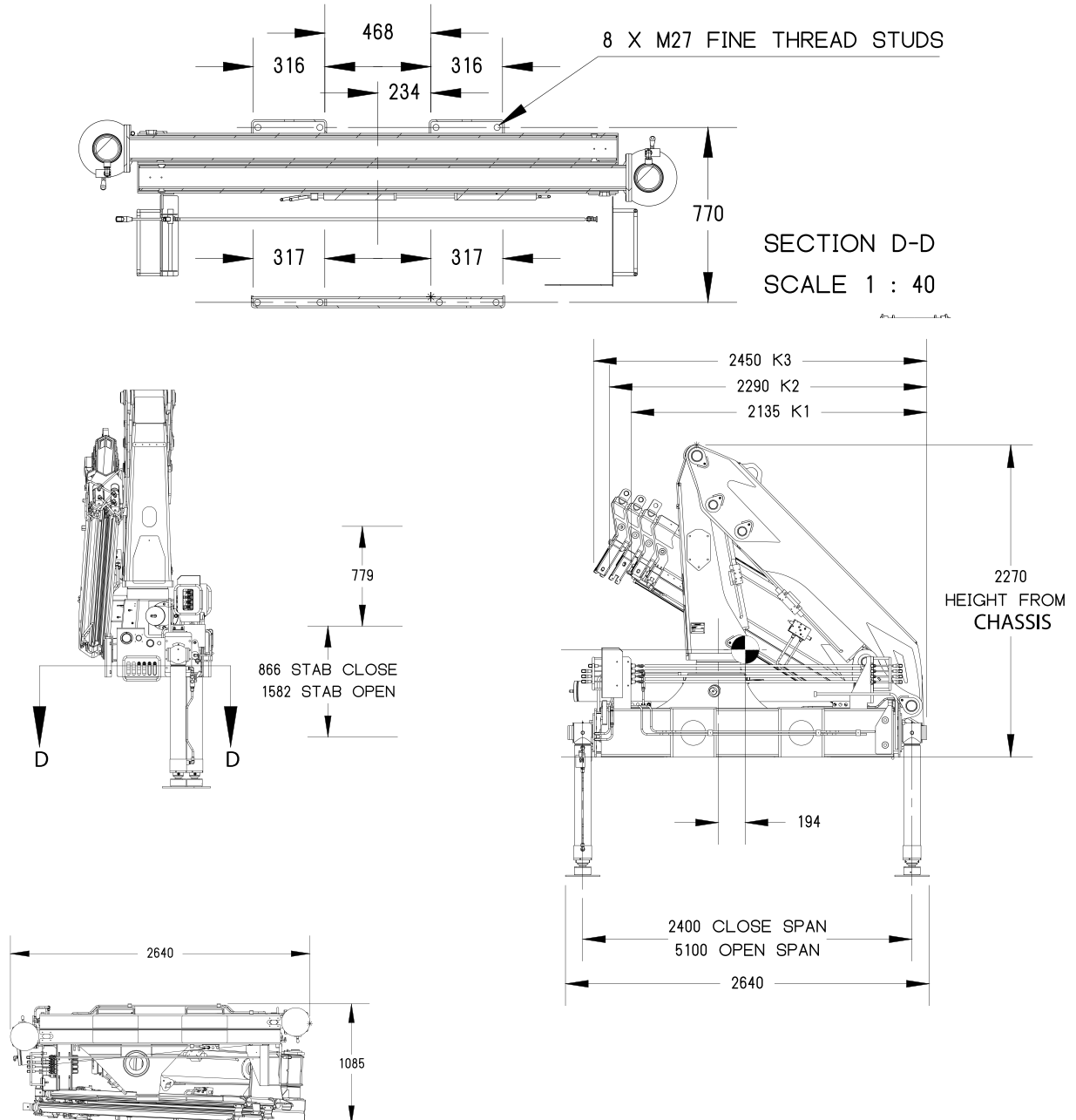
### 2475-K6



Source illustrations retained. For decimal radii, use the capacity tables on pages 2-4.

# Folded envelope and mounting detail

Dimensions in mm. Enlarged references; original scale annotations do not apply.

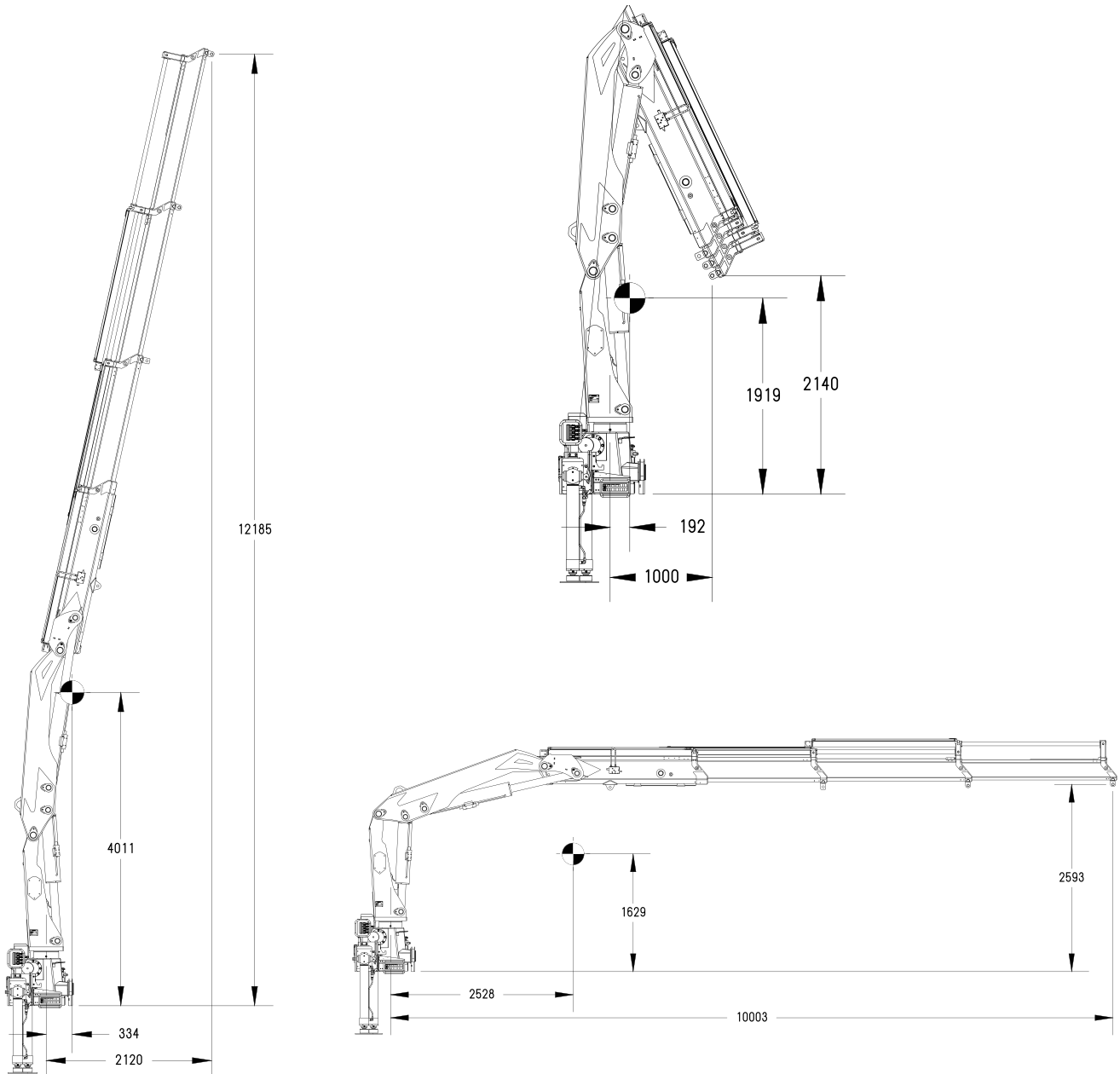


## Specification and drawing differences

The specification table states 300 bar, while feature text states 315 bar. K5 and K6 are both listed at 3,420 kg. Family drawing dimensions differ from the table and do not identify every K4-K6 folded envelope. Confirm ordered-variant data before installation.

## Extended geometry reference

Dimensions in mm. Enlarged manufacturer references, not to scale.



### Drawing scope

The source depicts reference raised and extended configurations. It does not provide a complete ordered-variant mounting approval or a full folded-dimension schedule for K1-K6.



## Technical specifications - K1 to K6

Family comparison. Lift capacities are shown next to each load envelope on pages 2-4.

| Variant              | K1    | K2    | K3    | K4    | K5    | K6    |
|----------------------|-------|-------|-------|-------|-------|-------|
| Lifting moment (tm)  | 22.2  | 21.7  | 21.2  | 20.8  | 20.5  | 20.1  |
| Hydraulic reach (m)  | 6.0   | 8.0   | 10.0  | 12.0  | 14.0  | 16.0  |
| Standard weight (kg) | 2,920 | 3,080 | 3,200 | 3,330 | 3,420 | 3,420 |

## Common specifications

| Specification                  | Unit  | All variants |
|--------------------------------|-------|--------------|
| Slewing angle                  | deg   | 400          |
| Slewing torque                 | kg-m  | 2,800        |
| Folded height above chassis    | mm    | 2,305        |
| Folded width                   | mm    | 1,152        |
| Stabilizer spread - standard   | mm    | 5,100        |
| Working pressure - table value | bar   | 300          |
| Oil flow                       | L/min | 60           |
| Oil tank                       | L     | 160          |

### Manufacturer confirmation required

The specification table states 300 bar, while feature text states 315 bar. K5 and K6 are both listed at 3,420 kg. Family drawing dimensions differ from the table and do not identify every K4-K6 folded envelope. Confirm ordered-variant data before installation.

Manufacturer cites EN 12999. Standard weight is a published crane figure; confirm installed mass including selected options, mounting equipment and fluids. Specifications may change without notice.

Source: Hydrolift 2475 manufacturer brochure, pages 3-5.

[Open manufacturer brochure](#)