# HMF 1620K-RCS

The HMF 1620K-RCS is a versatile crane with two link arms and up to 6 extensions.

## A strong crane with high lift-to-weight ratio

The HMF 1620K-RCS comes with a wide range of options as well as with a number of economic advantages for you as a crane owner. The low tare weight and reduced space requirements of the crane provide for a greater loading capacity and thus for lower fuel consumption and savings.

Moreover, the internal hose routing protects the crane against wear and tear, which provides for a longer lifespan as well as less downtime and maintenance of your crane.
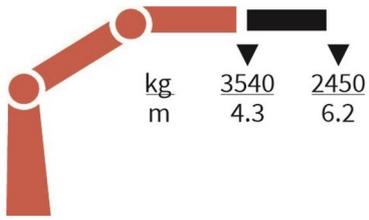
### Why choose a 1620K?

- An all-round crane designed to manage a diverse range of tasks.
- Two link arms ensure great stability and speed suited for i.a. grab application work.
- Great flexibility and smooth operation for demanding tasks.

### Main benefits

- Excellent lift-to-weight ratio
- Intuitive operation thanks to assistance systems
- Automatic load-dependent stability system

| PERFORMANCE | 1620-K1 | 1620-K2 | 1620-K3 | 1620-K4 | 1620-K5 | 1620-K6 |
|---|---|---|---|---|---|---|
| Load Moment (tm) | 15,2 | 14,7 | 14,3 | 13,9 | 13,5 | 13,2 |
| Hydraulic reach (m) | 6,3 | 8,4 | 10,5 | 12,8 | 15 | 17,3 |
| Weight excl. stabilizers (Kg) | 1360 | 1500 | 1640 | 1775 | 1895 | 1990 |
| Weight of stabilizers, standard (Kg) | 200 | 200 | 200 | 200 | 200 | 200 |
| Lift-to-weight ratio | 9,7 | 8,6 | 7,8 | 7 | 6,4 | 6 |
| Slewing Angle (°) | 400 | 400 | 400 | 400 | 400 | 400 |
| Slewing torque (kgm) | 1795 | 1795 | 1795 | 1795 | 1795 | 1795 |
| Working pressure (bar) | 365 | 365 | 365 | 365 | 365 | 365 |
| GEOMETRY | | | | | | |
| Height above mounting surface (mm) | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 |
| Width, folded, standard (mm) | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |
| Length of crane, no extra valves (mm) | 830 | 830 | 830 | 830 | 830 | 830 |

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# Lifting Capacity

## 1620-K1-RCS

| kg | 3540 | 2450 |
|---|---|---|
| m | 4.3 | 6.2 |

## 1620-K2-RCS

| kg | 3410 | 2320 | 1750 | 1330 |
|---|---|---|---|---|
| m | 4.3 | 6.3 | 8.3 | 10.4 |

## 1620-K3-RCS

| kg | 3250 | 2180 | 1610 | 1270 | 990 |
|---|---|---|---|---|---|
| m | 4.4 | 6.3 | 8.3 | 10.4 | 12.7 |

## 1620-K4-RCS

| kg | 3100 | 2050 | 1490 | 1150 | 940 | 740 |
|---|---|---|---|---|---|---|
| m | 4.5 | 6.4 | 8.4 | 10.5 | 12.7 | 15.1 |

## 1620-K5-RCS

| kg | 2970 | 1930 | 1380 | 1040 | 830 | 700 | 570 |
|---|---|---|---|---|---|---|---|
| m | 4.6 | 6.5 | 8.5 | 10.6 | 12.8 | 14.9 | 17.2 |

## 1620-K6-RCS

| kg | 2850 | 1830 | 1280 | 950 | 740 | 610 | 520 | 430 |
|---|---|---|---|---|---|---|---|---|
| m | 4.6 | 6.6 | 8.6 | 10.7 | 12.9 | 15 | 17.2 | 19.6 |

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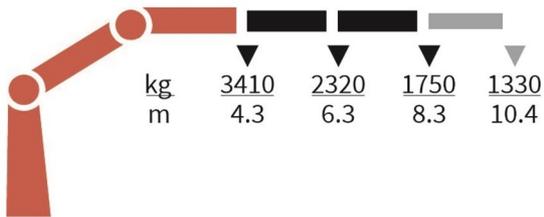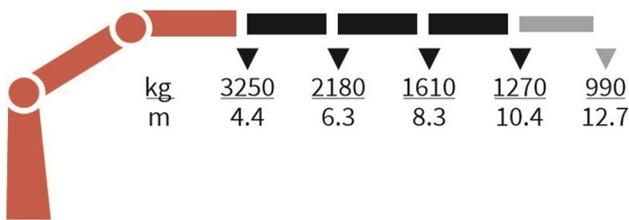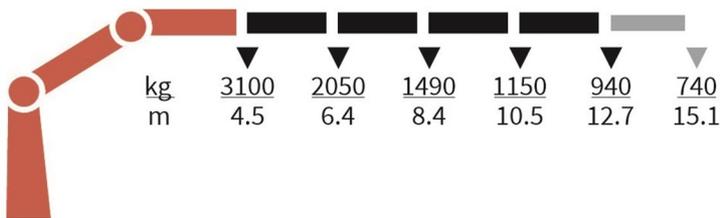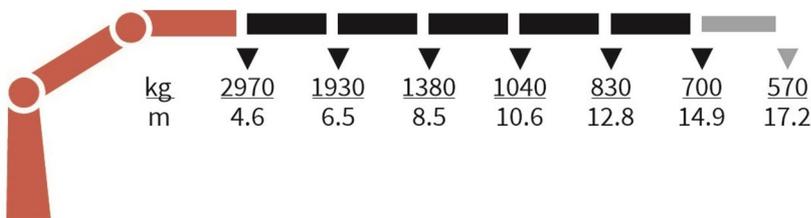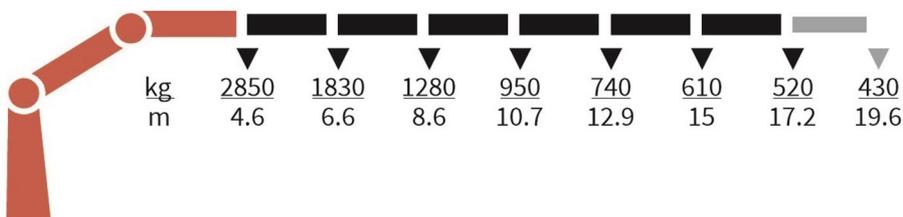
# Basics and options

## Basics

| |
|---|
| Electronic speed adaptation, HDL-d |
| Slew braking control |
| Progressive crane control |
| Priority flow control |
| Dual Power plus link arm system |
| Proportional control valve PVG 32 |
| Internal hose routing |
| Environmentally friendly quality coating |
| RCL safety system |

## Options

### Control stations
| |
|---|
| Personnel basket on crane – MEWP |
| Top seat RC |
| Heated seat |
| High stand flexible |

### Control systems
| |
|---|
| Radio remote control Maxi |
| Radio remote control Mini |
| Radio remote control with Power display |
| Extra digital outputs |

### Electrical options
| |
|---|
| Spotlight |
| Voltage |

### Extra valves
| |
|---|
| Extra valves in hose guides |
| Extra valves in hose guides, raised |
| Extra valves in hose reels, internally led |
| Multi-coupling |

### Hydraulic hoist
| |
|---|
| Full hoist preparation |
| Hydraulic hoist 1500 |
| Hydraulic hoist 2500 |
| 2-part snatch block |

### Hydraulics
| |
|---|
| Ball valve for tank |
| Oil cooler, medium |
| Oil cooler, large |
| 4 manually controlled available stabilizer functions |
| 2 manually controlled available stabilizer functions |
| 1-4 available radio remote-controlled functions |
| Hydraulic functions for separate traverse |
| 3rd extra valve |
| Biodegradable oil |
| Oil tank 90 l mounted on the crane |
| Radio remote control of stabilizer beams and stabilizer legs on crane |
| Temperature monitoring |

### Mechanical options
| |
|---|
| Manual extension |
| Hook for manual extension |
| Crane orientation |
| Shielding of load-holding valve |
| Shielding of jib cylinder |
| Mounting bolt kit |
| Fittings for mounting bolt kits |

### Stability and safety
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|---|
| Electronic vehicle stability - EVS |
| AutoSwitch |
| Cylinder limitation |
| 2-section Cylinder and beam limitation |
| 2CYBEL-I |
| Limitation of working area – horizontal |
| Cabin anti-crash |
| 2-stage load moment limitation |
| Preparation for alternative stability system |
| Stabilizer duty control |
| Alarm flash on stabilizer legs |
| Calibration bypass |
| Light tower |
| High stand safety system - quadrant |
| Quadrant operator protection system |
| Beam and height warning |
| Beam and park warning |
| Stabilizer leg warning |

### Stabilizer beams and legs
| |
|---|
| Hydraulic stabilizer beams 4.6 m - 6.5 m |
| Hydraulic swing-up stabilizer legs |
| Manual swing-up stabilizer legs with gas spring |
| Manual swing-up stabilizer legs |
| Fixed vertical stabilizer legs |
| Fixed vertical stabilizer legs, long |
| Footplate with ball joint |
| Footplate extended |
| Manual stabilizer beams 4.6 m - 5.6 m |

### Colours
| |
|---|
| RAL colors |

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