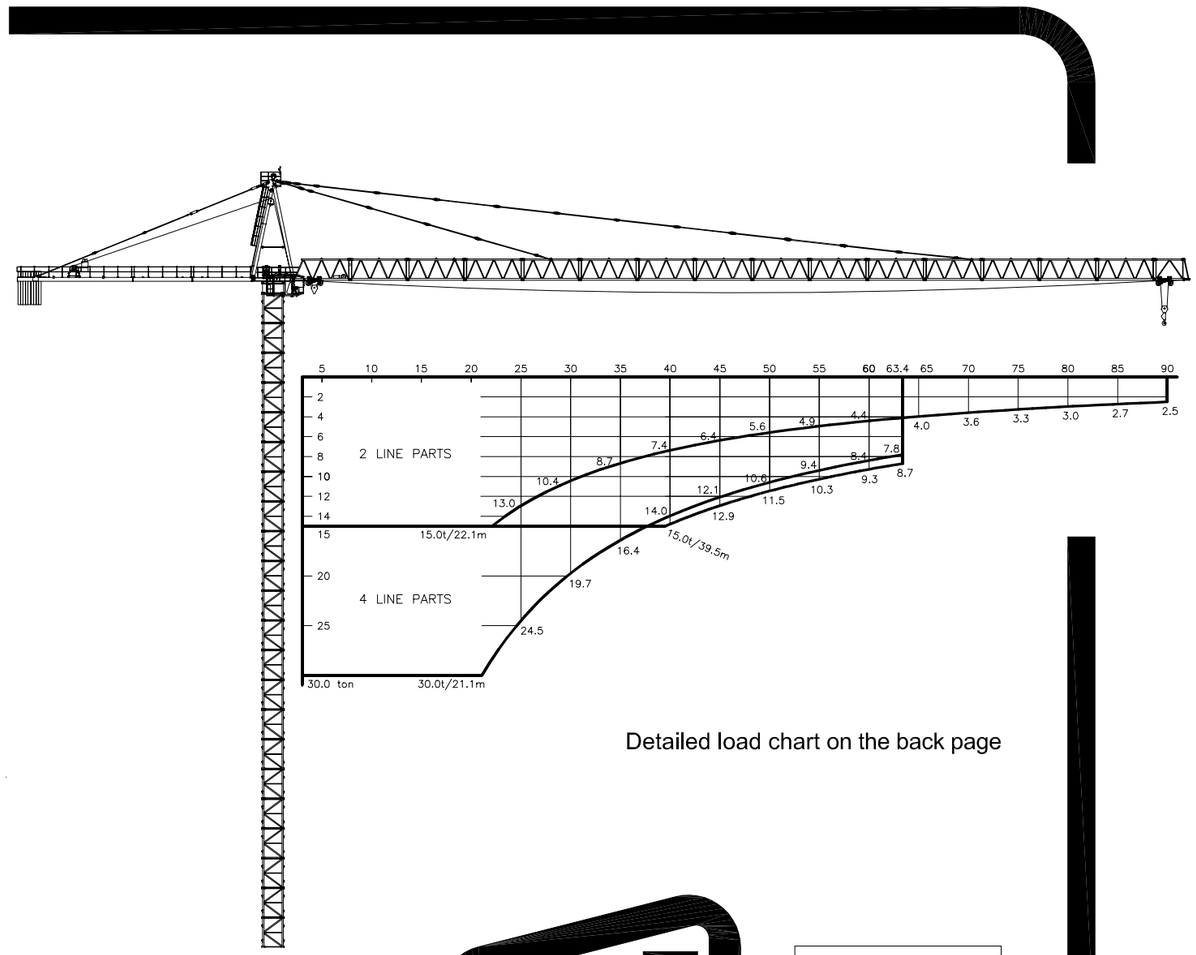
# TECHNICAL DATA

# K-560




Detailed load chart on the back page

Serial numbers:
.... - 1473

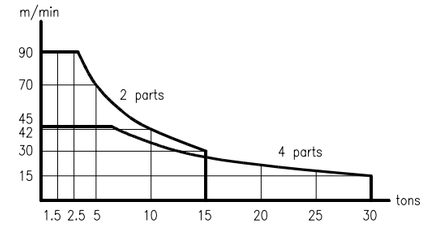

**KRØLL CRANES A/S**

Nordkranvej 2 · DK-3540 Lynge · Denmark · Phone: +45 48 187400 · Fax: +45 48 188807

E-mail: krollcranes@krollcranes.dk · www.krollcranes.com


| | | |
|---|---|---|
| HOIST WINCH / HUBWERK | | 90 kW |
| POWER SUPPLY | | 3x400V 50 Hz |
| POWER CONSUMPTION / STROMVERBRAUCH | | 150 kVA |
| FUSE / SICHERUNG | | 225 Amps |
| POWER CABLE / HAUPTKABEL | 0–100 m | 4G95 |

HOIST SPEEDS / GESCHWINDIGKEITEN



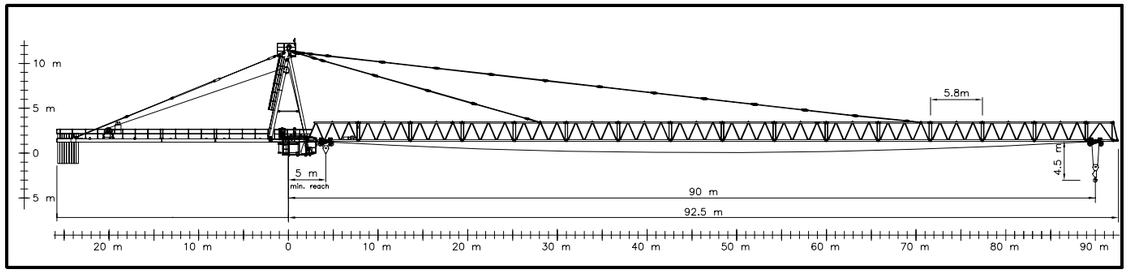

30 t maximum load

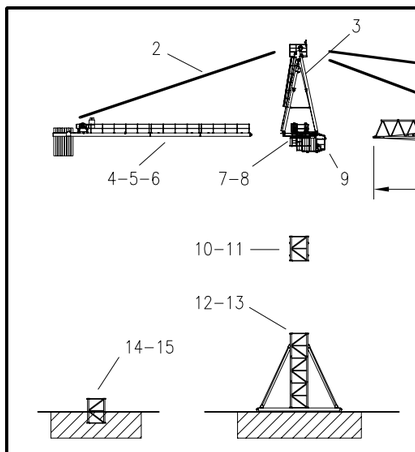
| | | JIB LENGTH | |
|---|---|---|---|
| Slewing | 3 x 5 kW<br>4 x 5 kW | –69 m<br>75–90 m | 0 – 0.6 rpm<br>0 – 0.5 rpm |
| Trolleying | 18.5 kW | 0–30 t<br>30–45 t | 0 – 70 m/min<br>0 – 50 m/min |
| Travelling | 4 kW units<br>Amount depends on erection height | 0–45 t | 25 m/min |

| | | |
|---|---|---|
| HOIST WIRE<br>HUB–SEIL | ø22 mm – FILL FACTOR 0.65 – 1770 MPa BREAKING STRESS<br>BRUCHSPANNUNG | |
| | 90 kW HOIST WINCH | 500 m |
| | | > 500 m * |
| TROLLEY ROPE<br>LAUFKATZE–SEIL | ø15 mm – FILL FACTOR 0.65 – 1770 MPa BREAKING STRESS<br>BRUCHSPANNUNG | |

* CONSULT KRØLL CRANES A/S – NEHMEN SIE MIT KRØLL CRANES A/S KONTAKT AUF

| JIB LENGTH | | MAXIMUM LOAD | LOAD CAPACITIES [m x t] 15 | 17 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 51.8 | 55 | 60 | 63.4 | 65 | 69.2 | 70 | 75 | 80 | 85 | 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90.0 m | 1 trolley | 15t at 22.1m | 15.0 | 15.0 | 15.0 | 13.0 | 10.4 | 8.7 | 7.4 | 6.4 | 5.6 | 5.3 | 4.9 | 4.4 | 4.1 | 4.0 | 3.7 | 3.6 | 3.3 | 3.0 | 2.7 | 2.5 |
| | 2 trolleys | 30t at 12.4m | 23.5 | 20.0 | 16.4 | 12.3 | 9.7 | 7.9 | 6.6 | 5.6 | 4.8 | 4.5 | 4.1 | 3.5 | 3.2 | 3.1 | 2.8 | 2.7 | 2.4 | 2.1 | 1.8 | 1.6 |
| 80.0 m | 1 trolley | 15t at 30.4m | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 12.8 | 10.9 | 9.5 | 8.4 | 8.0 | 7.5 | 6.7 | 6.3 | 6.1 | 5.7 | 5.6 | 5.1 | 4.7 | | |
| | 2 trolleys | 30t at 16.5m | 30.0 | 29.0 | 23.8 | 18.2 | 14.5 | 12.0 | 10.1 | 8.7 | 7.6 | 7.2 | 6.6 | 5.9 | 5.4 | 5.2 | 4.8 | 4.7 | 4.2 | 3.8 | | |
| 69.2 m | 1 trolley | 15t at 36.8m | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 13.7 | 11.9 | 10.6 | 10.1 | 9.5 | 8.5 | 8.0 | 7.8 | 7.2 | | | | | |
| | 2 trolleys | 30t at 19.7m | 30.0 | 30.0 | 29.5 | 22.6 | 18.2 | 15.1 | 12.8 | 11.1 | 9.7 | 9.3 | 8.6 | 7.7 | 7.1 | 6.9 | 6.3 | | | | | |
| 63.4 m | 1 trolley | 15t at 39.5m | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.8 | 12.9 | 11.5 | 11.0 | 10.3 | 9.3 | 8.7 | | | | | | | |
| | 2 trolleys | 30t at 21.1m | 30.0 | 30.0 | 30.0 | 24.5 | 19.7 | 16.4 | 14.0 | 12.1 | 10.6 | 10.1 | 9.4 | 8.4 | 7.8 | | | | | | | |
| 51.8 m | 1 trolley | 15t at 39.5m | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 15.0 | 14.8 | 12.9 | 11.5 | 11.0 | | | | | | | | | | |
| | 2 trolleys | 30t at 21.1m | 30.0 | 30.0 | 30.0 | 24.5 | 19.7 | 16.4 | 14.0 | 12.1 | 10.6 | 10.1 | | | | | | | | | | |
| | option (15/45t) | 45t at 14.3m | 42.5 | 36.3 | 29.7 | 22.5 | 17.8 | 14.6 | 12.2 | 10.4 | 9.0 | 8.5 | | | | | | | | | | |




APPROX. ERECTION WEIGHTS
UNGEFÄHRE MONTAGEGEWICHTE

| L | kg |
|---|---|
| 90 | 22000 |
| | |
| | |
| | |
| | |
| | |
| | |

| POS | ITEM | kg |
|---|---|---|
| 1 | FRONT STAYS | 3600 |
| 2 | REAR STAYS | 1500 |
| 3 | TOP TOWER | 4000 |
| 4 | OUTER SECTION | 3500 |
| 5 | MIDDLE SECTION | 1700 |
| 6 | INNER SECTION | 1700 |
| 7 | SLEWING | 7000 |
| 8 | MAST HEAD | 4500 |

| POS | ITEM | kg |
|---|---|---|
| 9 | CABIN K5 | 2000 |
| 10 | M23–120 | 2300 |
| 11 | M23–150 | 3000 |
| 12 | B23–120 | 8500 |
| 13 | B23–150 | 10000 |
| 14 | N23–120 | 1500 |
| 15 | N23–150 | 2300 |
| 16 | | |

| | | | | |
|---|---|---|---|---|
| CONVERSION OF THE UNITS FOR FORCES<br>UMRECHNUNG DER EINHEITEN FÜR KRÄFTE | 10 N = 1 kg<br>10 kN = 1 ton | SUBJECT TO ALTERATIONS<br>ÄNDERUNGEN VORBEHALTEN | F.E.M | DATA SHEET<br>DATENBLATT | K–560<br>010401 |