

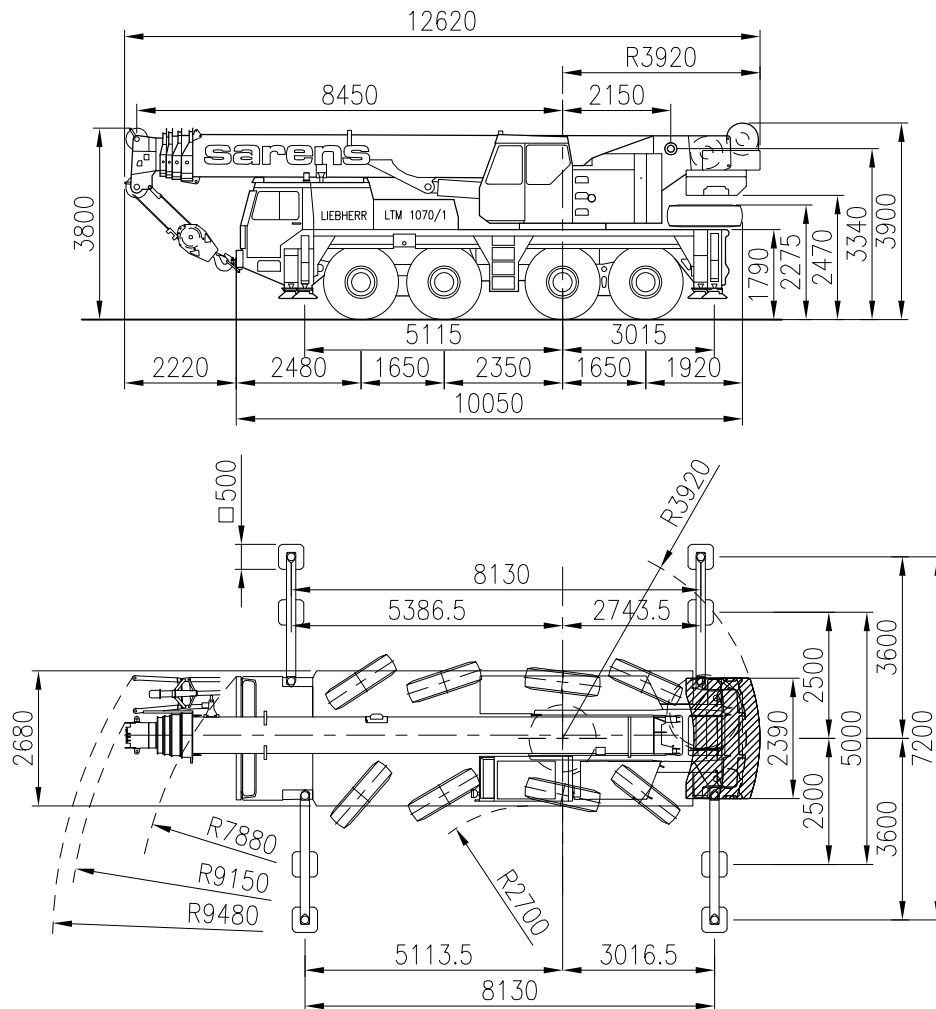


**sarens**  
group

[www.sarens.com](http://www.sarens.com)

**LIEBHERR LTM 1070/1**

**70 TON**



Axle load / Charge par essieu / Achslast / Aslast  
 Total weight / Poids total / Gesamtgewicht / Totaal gewicht  
 Tyres / Pneus / Bereifung / Banden

: 4 x 12 t (☐ 0 t)  
 : 48 t (☐ 0 t)  
 : 14.00 R 25

nothing too heavy, nothing too high





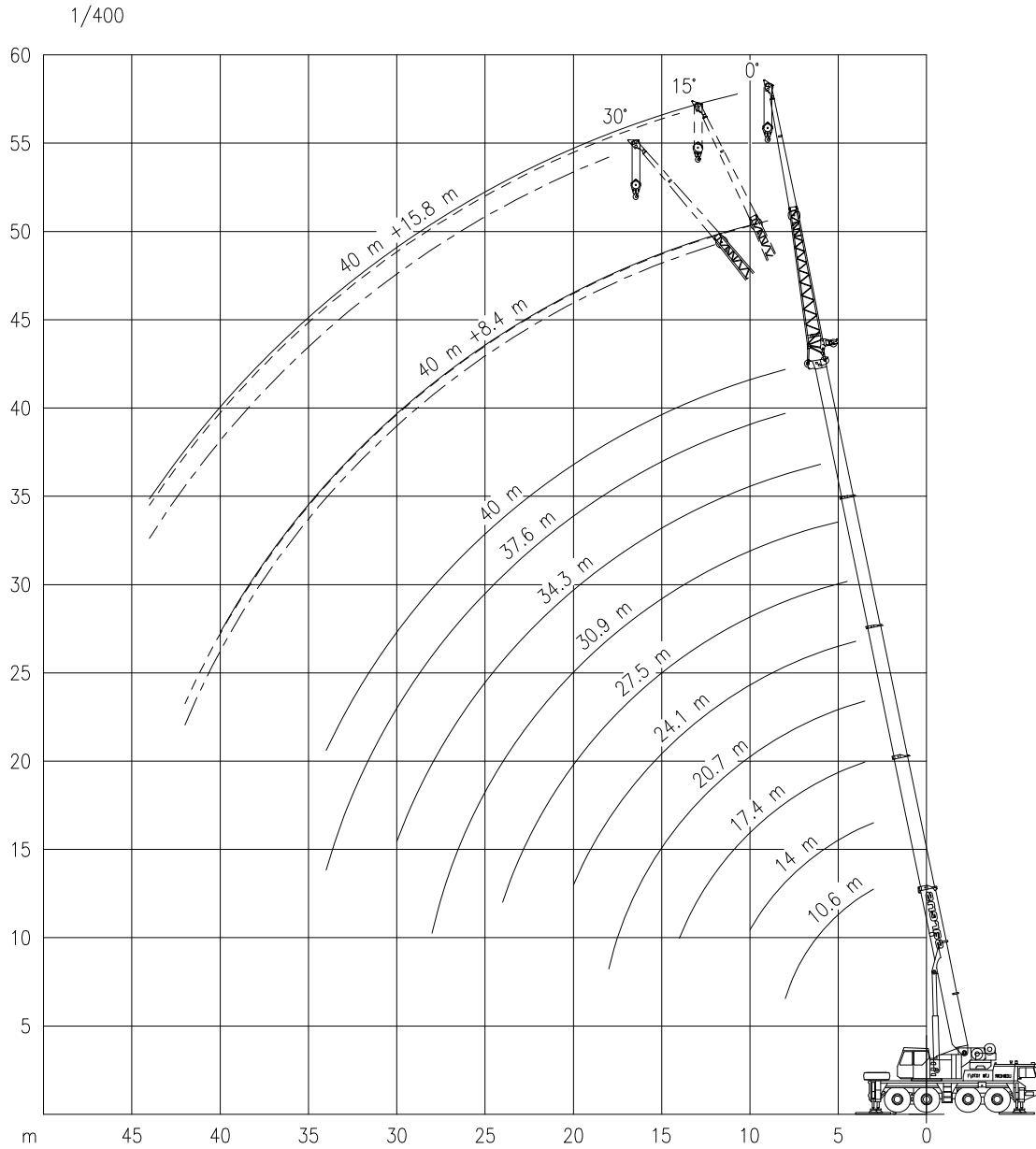
# LIEBHERR LTM 1070/1

Working ranges  
Portées

## 70 TON

Arbeitsbereiche  
Werkbereich

### T / TK



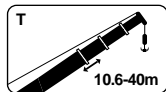


# LIEBHERR LTM 1070/1

## 70 TON

Lifting capacities  
Capacités

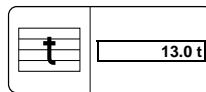
Tragfähigkeiten  
Capacités



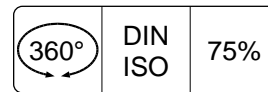
T



7.2m



13.0 t

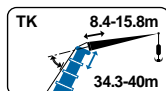


360°

DIN  
ISO

75%

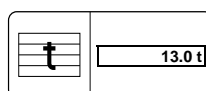
| m    | 10.6 m |      | 14.0 m |      | 17.4 m |      | 20.7 m |      | 24.1 m |      | 27.5 m |   | 30.9 m |   | 34.3 m |   | 37.6 m |   | 40.0 m |   |   |
|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|---|--------|---|--------|---|--------|---|--------|---|---|
|      | t      | t    | t      | t    | t      | t    | t      | t    | t      | t    | t      | t | t      | t | t      | t | t      | t | t      | t |   |
| 3.0  | 60.0*  | 56.0 | 39.5   | -    | -      | -    | -      | -    | -      | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 3.5  | 53.0*  | 51.0 | 40.5   | 29.7 | 27.5   | -    | -      | -    | -      | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 4.0  | 47.5*  | 46.5 | 42.0   | 31.0 | 29.9   | 26.3 | -      | -    | -      | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 4.5  | 42.5*  | 42.5 | 40.5   | 33.0 | 31.5   | 27.1 | 18.0   | -    | -      | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 5.0  | 39.5*  | 39.5 | 38.0   | 32.5 | 32.0   | 28.0 | 18.1   | 18.4 | -      | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 6.0  | 33.5*  | 33.5 | 33.5   | 31.5 | 28.0   | 25.2 | 18.4   | 18.7 | 16.6   | -    | -      | - | -      | - | -      | - | -      | - | -      | - | - |
| 7.0  | 28.5*  | 28.5 | 28.6   | 27.8 | 25.0   | 22.6 | 18.7   | 18.1 | 15.8   | 13.4 | 11.0   | - | -      | - | -      | - | -      | - | -      | - | - |
| 8.0  | 23.2*  | 23.2 | 24.7   | 23.7 | 22.4   | 20.3 | 18.9   | 16.7 | 14.7   | 13.1 | 10.6   | - | -      | - | -      | - | -      | - | -      | - | - |
| 9.0  | -      | -    | 21.4   | 20.5 | 20.2   | 18.4 | 17.2   | 15.4 | 13.7   | 12.3 | 10.2   | - | -      | - | -      | - | -      | - | -      | - | - |
| 10.0 | -      | -    | 18.6   | 18.5 | 17.6   | 16.7 | 15.7   | 14.2 | 12.7   | 11.5 | 9.8    | - | -      | - | -      | - | -      | - | -      | - | - |
| 12.0 | -      | -    | -      | 14.2 | 13.2   | 13.3 | 13.3   | 12.2 | 11.1   | 10.2 | 9.0    | - | -      | - | -      | - | -      | - | -      | - | - |
| 14.0 | -      | -    | -      | 11.2 | 10.2   | 10.7 | 10.7   | 10.5 | 9.7    | 9.1  | 7.7    | - | -      | - | -      | - | -      | - | -      | - | - |
| 16.0 | -      | -    | -      | -    | 8.0    | 9.3  | 8.4    | 8.7  | 8.5    | 8.1  | 6.7    | - | -      | - | -      | - | -      | - | -      | - | - |
| 18.0 | -      | -    | -      | -    | 6.3    | 7.9  | 6.7    | 7.1  | 7.2    | 7.2  | 5.8    | - | -      | - | -      | - | -      | - | -      | - | - |
| 20.0 | -      | -    | -      | -    | -      | 6.6  | 5.4    | 6.3  | 5.9    | 6.1  | 5.1    | - | -      | - | -      | - | -      | - | -      | - | - |
| 22.0 | -      | -    | -      | -    | -      | -    | 4.3    | 5.5  | 4.8    | 5.0  | 4.4    | - | -      | - | -      | - | -      | - | -      | - | - |
| 24.0 | -      | -    | -      | -    | -      | -    | 3.5    | 5.0  | 3.9    | 4.1  | 3.8    | - | -      | - | -      | - | -      | - | -      | - | - |
| 26.0 | -      | -    | -      | -    | -      | -    | -      | 4.3  | 3.3    | 3.5  | 3.4    | - | -      | - | -      | - | -      | - | -      | - | - |
| 28.0 | -      | -    | -      | -    | -      | -    | -      | 3.7  | 2.8    | 3.0  | 2.9    | - | -      | - | -      | - | -      | - | -      | - | - |
| 30.0 | -      | -    | -      | -    | -      | -    | -      | -    | 2.4    | 2.6  | 2.5    | - | -      | - | -      | - | -      | - | -      | - | - |
| 32.0 | -      | -    | -      | -    | -      | -    | -      | -    | -      | 2.2  | 2.2    | - | -      | - | -      | - | -      | - | -      | - | - |
| 34.0 | -      | -    | -      | -    | -      | -    | -      | -    | -      | 1.9  | 1.9    | - | -      | - | -      | - | -      | - | -      | - | - |



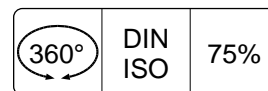
TK



7.5m



13.0 t



360°

DIN  
ISO

75%

| m    | 34.3 m |     |     |        |     |     | 37.6 m |     |     |        |     |     | 40.0 m |     |     |        |     |     |   |   |   |
|------|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|---|---|---|
|      | 8.4 m  |     |     | 15.8 m |     |     | 8.4 m  |     |     | 15.8 m |     |     | 8.4 m  |     |     | 15.8 m |     |     |   |   |   |
|      | 0°     | 15° | 30° | 0°     | 15° | 30° | 0°     | 15° | 30° | 0°     | 15° | 30° | 0°     | 15° | 30° | 0°     | 15° | 30° |   |   |   |
| 8.0  | 9.3    | -   | -   | -      | -   | -   | 7.5    | -   | -   | -      | -   | -   | -      | -   | -   | -      | -   | -   | - | - | - |
| 9.0  | 9.3    | 6.3 | -   | 4.6    | -   | -   | 7.4    | 5.4 | -   | -      | -   | -   | 6.4    | -   | -   | -      | -   | -   | - | - | - |
| 10.0 | 9.2    | 6.0 | -   | 4.6    | -   | -   | 7.3    | 5.1 | -   | 3.9    | -   | -   | 6.2    | 4.3 | -   | 3.5    | -   | -   | - | - | - |
| 12.0 | 8.5    | 5.4 | 3.6 | 4.1    | 3.0 | -   | 7.0    | 4.6 | 3.1 | 3.9    | 2.9 | -   | 5.8    | 4.0 | 2.4 | 3.5    | -   | -   | - | - | - |
| 14.0 | 7.7    | 4.9 | 3.4 | 3.7    | 2.8 | -   | 6.7    | 4.2 | 2.9 | 3.7    | 2.7 | -   | 5.4    | 3.6 | 2.3 | 3.4    | 2.6 | -   | - | - | - |
| 16.0 | 6.9    | 4.4 | 3.2 | 3.4    | 2.7 | 2.3 | 6.1    | 3.8 | 2.7 | 3.4    | 2.6 | 2.2 | 5.0    | 3.3 | 2.1 | 3.3    | 2.4 | -   | - | - | - |
| 18.0 | 6.1    | 4.0 | 3.0 | 3.1    | 2.6 | 2.2 | 5.5    | 3.5 | 2.5 | 3.2    | 2.5 | 2.1 | 4.3    | 3.0 | 2.0 | 3.1    | 2.3 | 1.7 | - | - | - |
| 20.0 | 5.5    | 3.7 | 2.8 | 2.9    | 2.4 | 2.1 | 4.9    | 3.2 | 2.4 | 3.0    | 2.4 | 2.0 | 3.7    | 2.7 | 1.8 | 2.9    | 2.2 | 1.5 | - | - | - |
| 22.0 | 4.8    | 3.4 | 2.7 | 2.8    | 2.3 | 2.0 | 4.4    | 3.0 | 2.3 | 2.8    | 2.3 | 1.9 | 3.3    | 2.4 | 1.7 | 2.7    | 2.1 | 1.4 | - | - | - |
| 24.0 | 3.9    | 3.2 | 2.6 | 2.6    | 2.2 | 1.9 | 4.0    | 2.8 | 2.2 | 2.7    | 2.2 | 1.8 | 3.0    | 2.2 | 1.6 | 2.5    | 2.0 | 1.3 | - | - | - |
| 26.0 | 3.3    | 3.0 | 2.5 | 2.5    | 2.1 | 1.9 | 3.4    | 2.6 | 2.1 | 2.6    | 2.2 | 1.7 | 2.7    | 2.1 | 1.5 | 2.2    | 1.8 | 1.2 | - | - | - |
| 28.0 | 2.9    | 2.8 | 2.4 | 2.4    | 2.1 | 1.8 | 2.9    | 2.4 | 2.0 | 2.5    | 2.1 | 1.6 | 2.4    | 1.9 | 1.5 | 2.0    | 1.7 | 1.2 | - | - | - |
| 30.0 | 2.4    | 2.6 | 2.3 | 2.3    | 2.0 | 1.8 | 2.5    | 2.3 | 2.0 | 2.4    | 1.9 | 1.5 | 2.2    | 1.8 | 1.4 | 1.8    | 1.5 | 1.1 | - | - | - |
| 32.0 | 2.1    | 2.2 | 2.3 | 2.2    | 1.9 | 1.7 | 2.1    | 2.2 | 1.9 | 2.2    | 1.8 | 1.4 | 2.0    | 1.6 | 1.4 | 1.6    | 1.4 | 1.0 | - | - | - |
| 34.0 | 1.8    | 1.9 | 1.9 | 2.1    | 1.8 | 1.7 | 1.8    | 1.9 | 1.9 | 1.9    | 1.7 | 1.4 | 1.8    | 1.5 | 1.3 | 1.4    | 1.3 | 1.0 | - | - | - |
| 36.0 | 1.5    | 1.6 | 1.6 | 2.0    | 1.8 | 1.6 | 1.6    | 1.6 | 1.7 | 1.7    | 1.6 | 1.3 | 1.5    | 1.5 | 1.3 | 1.3    | 1.2 | 0.9 | - | - | - |
| 38.0 | 1.3    | 1.3 | -   | 1.8    | 1.7 | 1.6 | 1.3    | 1.4 | 1.4 | 1.4    | 1.5 | 1.3 | 1.2    | 1.3 | 1.3 | 1.2    | 1.1 | 0.9 | - | - | - |
| 40.0 | -      | -   | -   | 1.7    | 1.6 | 1.6 | 1.1    | 1.2 | 1.2 | 1.2    | 1.4 | 1.2 | 1.0    | 1.1 | 1.1 | 1.0    | 1.0 | 0.8 | - | - | - |
| 42.0 | -      | -   | -   | 1.6    | 1.6 | 1.6 | -      | -   | -   | 1.0    | 1.1 | 1.2 | 0.8    | 0.9 | 0.9 | 0.9    | 0.9 | 0.8 | - | - | - |
| 44.0 | -      | -   | -   | -      | -   | -   | -      | -   | -   | 0.8    | 1.0 | 1.0 | -      | -   | -   | 0.8    | 0.8 | 0.8 | - | - | - |
| 46.0 | -      | -   | -   | -      | -   | -   | -      | -   | -   | -      | 0.8 | 0.8 | -      | -   | -   | -      | -   | -   | - | - | - |

\*Over rear / En arrière / Nach hinten / Over achterzijde.



# LIEBHERR LTM 1070/1

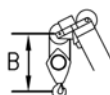
# 70 TON

**Working speeds**  
**Vitesses de travail**

**Arbeitsgeschwindigkeiten**  
**Werksnelheden**

| Mechanisms<br>Mécanismes<br>Antriebe<br>Aandrijvingen                   | Speeds<br>Vitesses<br>Geschwindigkeiten<br>Snelheden | Rope diameter<br>Diamètre du câble<br>Seildurchmesser<br>Kabeldiameter | Single line pull<br>Effort sur brin simple<br>Zulässiger Seilzug je strang<br>Toegelaten trekkracht / part | Length of ropes<br>Longueur des cables<br>Länge der Seile<br>Kabellengte |
|---|--|--|--|--|
| Main hoist<br>Levage sur flèche<br>Hubwerk 1<br>Hijsslier 1             | 0 – 120 m/min  | 17 mm  | 52 kN  | 170 m  |
| Auxiliary hoist<br>Levage sur flèche<br>Hubwerk 2<br>Hijsslier 2        | 0 – 120 m/min  | 17 mm  | 52 kN  | 170 m  |
| Slewing gear<br>Orientation<br>Drehwerk<br>Zwenkwerk                    | 0 – 2 RPM  |  |  |  |
| Travel speed<br>Vitesse sur route<br>Fahrgeschwindigkeit<br>Rijsnelheid | 0 – 45.6 / 70 km/h                                   |  |  |  |
| Booming up<br>Relever la flèche<br>Aufwippen<br>Optoppen                | 83°<br>48 sec  |  |  |  |
| Telescope<br>Téléscoper<br>Teleskopieren<br>Telescoperen                | 10.6<br>-<br>40<br>m<br>140 sec                      |  |  |  |

## Hook Block / Crane hook Crochet mouflé / Crochet simple



## Unterflasche / Hakengehänge Kraanblok / Kraanhaak

| Capacity<br>Capacité<br>Tragfähigkeit<br>Capaciteit | Number of sheaves<br>Nombre de poulies<br>Anzahl der Rollen<br>Aantal schijven | Number of lines<br>Nombre de brins<br>Strangzahl<br>Aantal parten | Weight<br>Poids<br>Gewicht<br>Gewicht | "B"   |
|---|--|---|---------------------------------------|-------|
| SWL 70.0 t  | 7  | 14  | 450 kg                                | 3.0 m |
| SWL 52.8 t  | 5  | 10  | 410 kg                                | 3.0 m |
| SWL 34.6 t  | 3  | 7   | 470 kg                                | 2.7 m |
| SWL 15.3 t  | 1  | 3   | 325 kg                                | 2.7 m |
| SWL 5.2 t   | -  | 1   | 110 kg                                | 2.7 m |