

transport spécial national et international
levage - manutention - entreposage



route du Molliau
CH - 1131 TOLOCHENAZ

tél. +41 (0)21 804 94 94
fax +41 (0)21 804 94 10

www.friderici.com

GRUE 15

LIEBHERR

MK140 - 8 t

Grue mobile de construction

Mobilbaukrane

1



8 tonnes



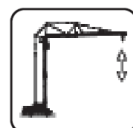
10 x 6 x 10



65 mètres



70°



94.4
mètres

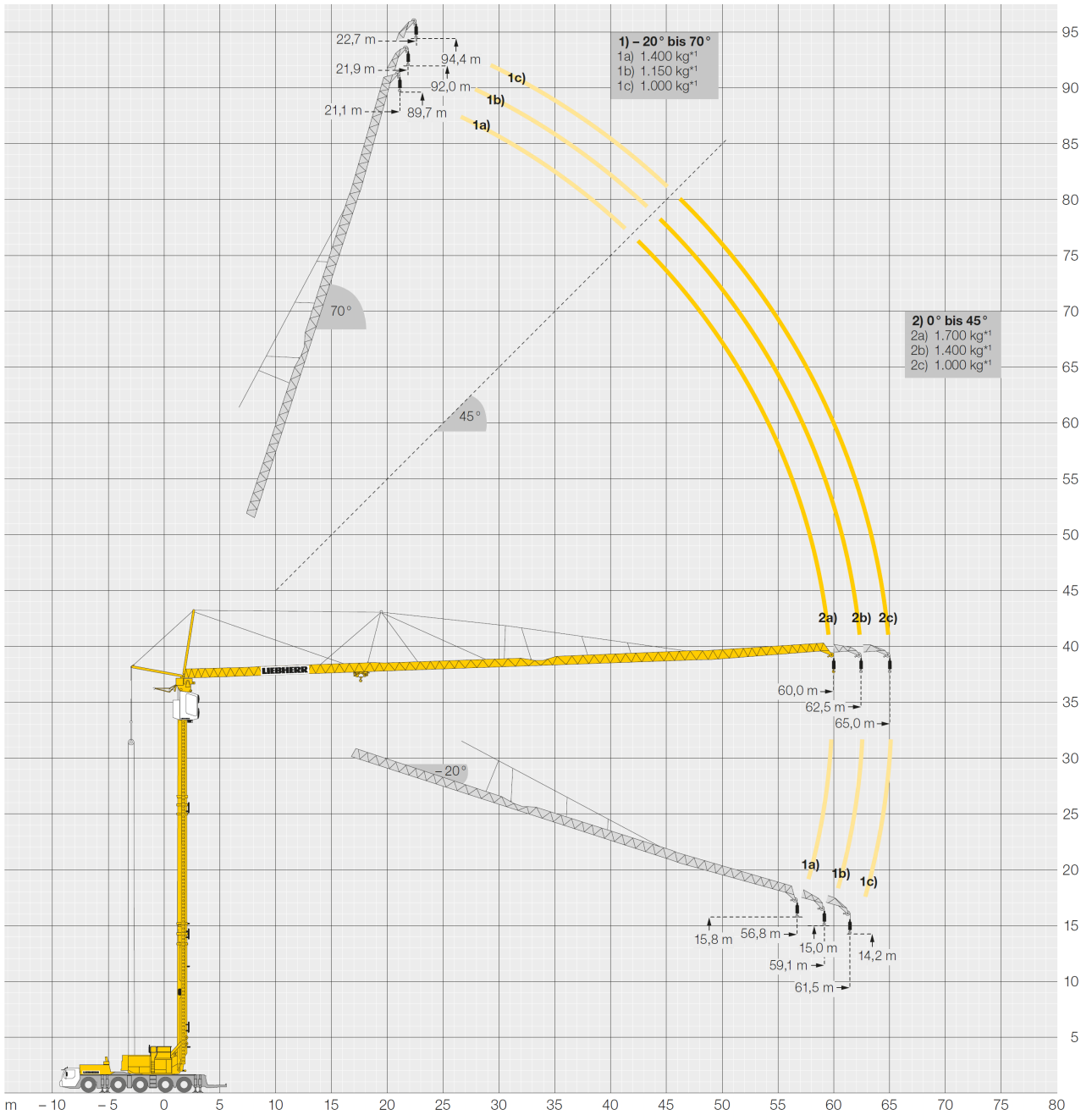


60 tonnes

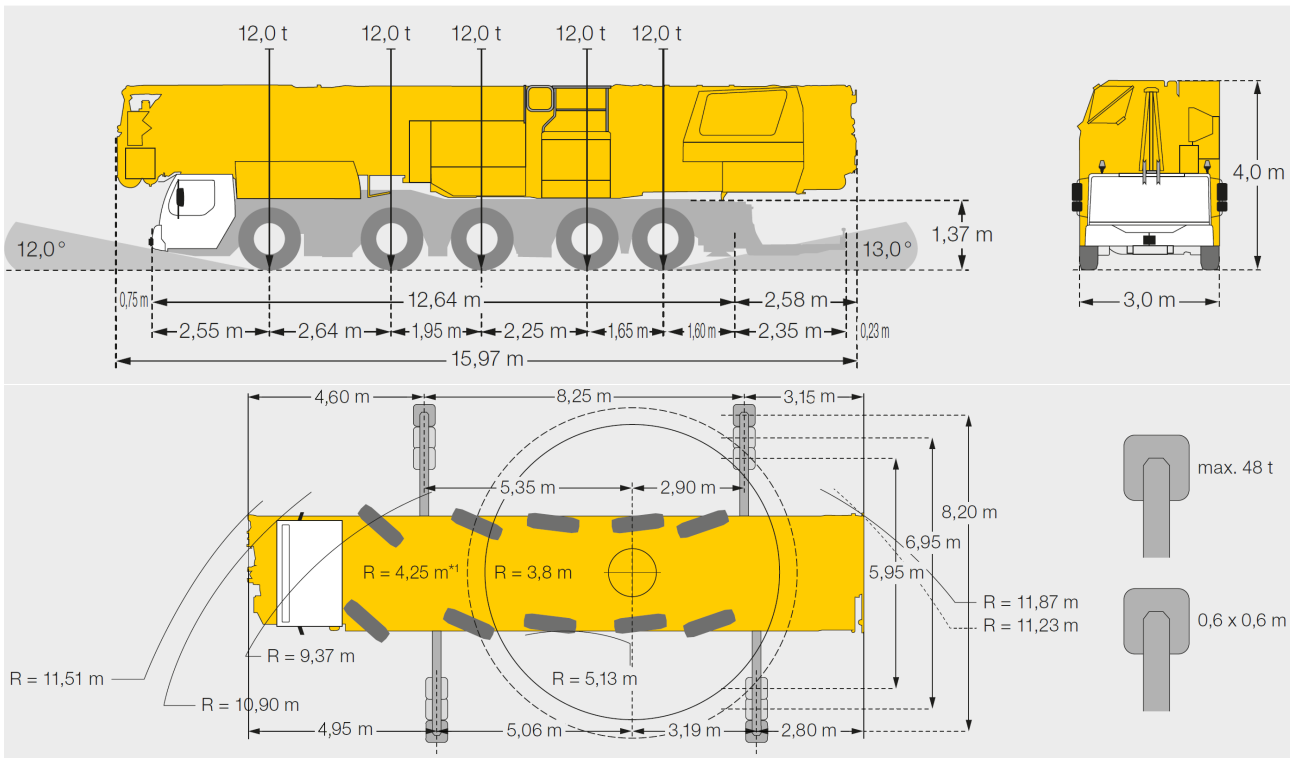
CARACTERISTIQUES-DATEN

2

MK 140

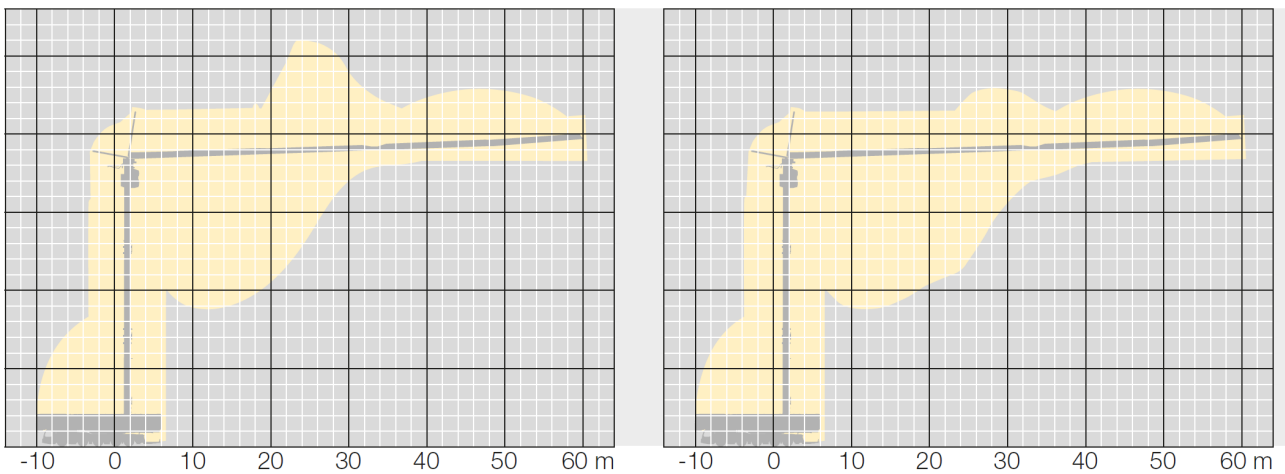


CARACTERISTIQUES-DATEN



3

SEQUENCE DE MONTAGE



MK 140

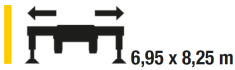
CAPACITES DE LEVAGE - TRAGLASTEN

4



| α° | m | kg | m | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|----|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 | |
| 0° | 58,5 | | 3,3 - 10,4 | 8000 | 8000 | | 6780 | 5250 | 4260 | 3560 | 3050 | 2660 | 2340 | 2090 | 1880 | 1700 | 1550 | 1420 | 1300 | 1200 | 1110 | 1030 | 1000 |
| | | | 3,3 - 8,1 | 8000 | 8000 | 7080 | 5100 | 3950 | 3200 | 2670 | 2280 | 1980 | 1740 | 1540 | 1380 | 1240 | 1120 | 1020 | 930 | 860 | 790 | 720 | 700 |
| | Plus*2 | | 3,2 - 12,0 | 8000 | 8000 | | | 6080 | 4870 | 4040 | 3440 | 2980 | 2620 | 2330 | 2090 | 1880 | 1710 | 1570 | 1440 | 1320 | 1230 | 1140 | 1100 |
| 15° | 56,5 | | 3,2 - 34,0 | 1800 | 1800 | | | | | | | | | | 1670 | 1500 | 1360 | 1240 | 1130 | 1040 | 960 | 900 | |
| | | | 3,0 - 26,5 | 1800 | 1800 | | | | | 1750 | 1530 | 1340 | 1190 | 1060 | 950 | 860 | 780 | 710 | 640 | 600 | | | |
| 30° | 50,7 | | 3,0 - 12,0 | 6000 | 6000 | | 4610 | 3720 | 3090 | 2630 | 2280 | 2000 | 1770 | 1590 | 1430 | 1290 | 1180 | 1080 | 1000 | | | | |
| | | | 2,7 - 9,0 | 6000 | 6000 | 4280 | 3290 | 2640 | 2190 | 1860 | 1600 | 1390 | 1220 | 1080 | 970 | 870 | 780 | 710 | 650 | | | | |
| 45° | 41,5 | | 2,7 - 31,0 | 1800 | 1800 | | | | | | | 1650 | 1460 | 1310 | 1200 | | | | | | | | |
| | | | 2,7 - 25,0 | 1800 | 1800 | | | | 1610 | 1390 | 1210 | 1060 | 940 | 850 | | | | | | | | | |

kg



| α° | m | kg | m | | | | | | | | | | | | | | | | | | | | |
|----------------|------|----|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | | | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 | |
| 0° | 58,5 | | 3,3 - 6,5 | 8000 | 8000 | 5430 | 3870 | 2970 | 2380 | 1970 | 1670 | 1430 | 1250 | 1100 | 970 | 870 | 770 | 700 | 630 | 570 | 510 | 470 | 450 |
| | | | 3,3 - 4,1 | 8000 | 8000 | 5180 | 3250 | 2320 | 1760 | 1390 | 1130 | 940 | 790 | 670 | 570 | 490 | 420 | 360 | 310 | 270 | 230 | 190 | 160 |
| 15° | 56,5 | | 3,2 - 20,0 | 1800 | 1800 | | | | | 1680 | 1410 | 1200 | 1030 | 900 | 790 | 690 | 610 | 540 | 480 | 430 | 380 | 350 | |
| | | | - | - | - | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 7,0 | 6000 | 6000 | 4440 | 3150 | 2400 | 1910 | 1570 | 1320 | 1120 | 960 | 840 | 730 | 640 | 560 | 500 | 440 | 400 | | | |
| | | | - | - | - | | | | | | | | | | | | | | | | | | |
| 45° | 41,5 | | 2,7 - 19,0 | 1800 | 1800 | | | 1570 | 1300 | 1100 | 940 | 810 | 700 | 610 | 550 | | | | | | | | |
| | | | - | - | - | | | | | | | | | | | | | | | | | | |

kg

MK 140

CAPACITES DE LEVAGE - TRAGLASTEN LEST 3 To — GEGENGEWICHT 3 To



| | | | | m | | | | | | | | | | | | | | | | | | | | |
|----------------|--------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 | |
| 0° | 58,5 | | 3,3 - 12,0 | 8000 | 8000 | | | | 6240 | 5090 | 4280 | 3680 | 3220 | 2850 | 2550 | 2300 | 2080 | 1900 | 1750 | 1610 | 1490 | 1380 | 1290 | 1250 |
| | | | 3,3 - 9,85 | 8000 | 8000 | | 6470 | 5070 | 4150 | 3500 | 3010 | 2630 | 2320 | 2070 | 1870 | 1690 | 1540 | 1410 | 1300 | 1200 | 1110 | 1030 | 1000 | |
| | Plus*2 | | 3,2 - 13,5 | 8000 | 8000 | | | | 7050 | 5690 | 4750 | 4060 | 3540 | 3130 | 2800 | 2530 | 2300 | 2100 | 1930 | 1790 | 1660 | 1540 | 1440 | 1400 |
| 15° | 56,5 | | 3,2 - 41,0 | 1800 | 1800 | | | | | | | | | | | | | 1740 | 1600 | 1480 | 1370 | 1270 | 1200 | |
| | | | 3,0 - 33,5 | 1800 | 1800 | | | | | | | | | | | 1640 | 1480 | 1350 | 1230 | 1130 | 1040 | 960 | 900 | |
| 30° | 50,7 | | 3,0 - 14,0 | 6000 | 6000 | | | | 5550 | 4510 | 3790 | 3250 | 2830 | 2500 | 2230 | 2000 | 1820 | 1650 | 1510 | 1390 | 1300 | | | |
| | | | 2,7 - 11,5 | 6000 | 6000 | 5710 | 4450 | 3610 | 3030 | 2590 | 2250 | 1980 | 1760 | 1580 | 1420 | 1290 | 1170 | 1080 | 1000 | | | | | |
| 45° | 41,5 | | 2,7 - 37,5 | 1800 | 1800 | | | | | | | | | | | 1700 | 1550 | | | | | | | |
| | | | 2,7 - 31,0 | 1800 | 1800 | | | | | | | | | 1650 | 1460 | 1310 | 1200 | | | | | | | |

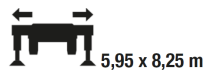
→ kg

5



| | | | | m | | | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 | | |
| 0° | 58,5 | | 3,3 - 8,35 | 8000 | 8000 | 7330 | 5260 | 4070 | 3290 | 2740 | 2330 | 2020 | 1770 | 1570 | 1400 | 1260 | 1140 | 1030 | 940 | 860 | 790 | 720 | 700 | | |
| | | | 3,3 - 6,1 | 8000 | 8000 | 5200 | 3770 | 2920 | 2360 | 1960 | 1660 | 1430 | 1250 | 1100 | 970 | 870 | 780 | 700 | 630 | 570 | 520 | 470 | 450 | | |
| 15° | 56,5 | | 3,2 - 27,5 | 1800 | 1800 | | | | | | | | | | | 1610 | 1420 | 1260 | 1130 | 1020 | 920 | 840 | 760 | 700 | 650 |
| | | | 3,2 - 20,0 | 1800 | 1800 | | | | | | | | | 1680 | 1410 | 1200 | 1030 | 900 | 790 | 690 | 610 | 540 | 480 | 430 | 380 |
| 30° | 50,7 | | 3,0 - 9,5 | 6000 | 6000 | | | 4550 | 3490 | 2810 | 2330 | 1970 | 1700 | 1480 | 1300 | 1160 | 1030 | 930 | 840 | 760 | 700 | | | | |
| | | | 3,0 - 6,5 | 6000 | 6000 | 4080 | 2900 | 2210 | 1760 | 1440 | 1200 | 1020 | 870 | 760 | 660 | 570 | 500 | 440 | 390 | 350 | | | | | |
| 45° | 41,5 | | 2,7 - 25,5 | 1800 | 1800 | | | | | | | | | | | 1660 | 1440 | 1260 | 1110 | 990 | 900 | | | | |
| | | | 2,7 - 19,0 | 1800 | 1800 | | | | | | 1570 | 1300 | 1100 | 940 | 810 | 700 | 610 | 550 | | | | | | | |

→ kg



| | | | | m | | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 | |
| 0° | 58,5 | | 3,3 - 5,0 | 8000 | 8000 | 6470 | 4040 | 2880 | 2200 | 1750 | 1440 | 1200 | 1020 | 870 | 760 | 660 | 580 | 500 | 440 | 390 | 340 | 300 | 260 | 250 |
| | | | - | - | | | | | | | | | | | | | | | | | | | | |
| 15° | 56,5 | | - | - | | | | | | | | | | | | | | | | | | | | |
| | | | - | - | | | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | - | - | | | | | | | | | | | | | | | | | | | | |
| | | | - | - | | | | | | | | | | | | | | | | | | | | |
| 45° | 41,5 | | 2,7 - 16,0 | 1800 | 1800 | | | | 1530 | 1240 | 1020 | 850 | 720 | 610 | 520 | 450 | 400 | | | | | | | |
| | | | - | - | | | | | | | | | | | | | | | | | | | | |

+ 3 t

→ kg



MK 140

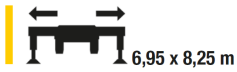
CAPACITES DE LEVAGE - TRAGLASTEN



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 13,4 | 8000 | 8000 | | | 7110 | 5880 | 4990 | 4320 | 3800 | 3380 | 3040 | 2760 | 2520 | 2310 | 2130 | 1970 | 1830 | 1710 | 1600 | 1550 |
| | | | 3,3 - 11,5 | 8000 | 8000 | 7660 | 6090 | 5030 | 4270 | 3700 | 3250 | 2890 | 2590 | 2350 | 2140 | 1960 | 1800 | 1660 | 1540 | 1440 | 1340 | 1300 | |
| 15° | 56,5 | | 3,2 - 14,4 | 8000 | 8000 | | | 7670 | 6340 | 5390 | 4680 | 4120 | 3670 | 3300 | 3000 | 2740 | 2510 | 2320 | 2150 | 2000 | 1870 | 1750 | 1700 |
| | | | 3,2 - 50,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 42,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 3,0 - 16,0 | 6000 | 6000 | | | 5280 | 4460 | 3840 | 3370 | 2990 | 2680 | 2420 | 2200 | 2010 | 1850 | 1710 | 1600 | | | | |
| 45° | 41,5 | | 2,7 - 39,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 2,7 - 36,0 | 1800 | 6000 | | | 5550 | 4510 | 3790 | 3250 | 2830 | 2500 | 2230 | 2000 | 1820 | 1650 | 1510 | 1390 | 1300 | | | |

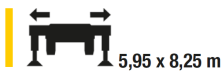
→ kg

6



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 10,5 | 8000 | 8000 | | 6890 | 5380 | 4390 | 3690 | 3160 | 2760 | 2440 | 2180 | 1960 | 1780 | 1620 | 1480 | 1360 | 1260 | 1170 | 1080 | 1050 |
| | | | 3,3 - 8,35 | 8000 | 8000 | 7360 | 5360 | 4170 | 3390 | 2840 | 2430 | 2110 | 1850 | 1650 | 1470 | 1330 | 1200 | 1090 | 1000 | 920 | 840 | 780 | 750 |
| 15° | 56,5 | | 3,2 - 36,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 3,2 - 28,5 | 1800 | 6000 | | | 4870 | 3950 | 3300 | 2820 | 2450 | 2160 | 1920 | 1720 | 1560 | 1410 | 1290 | 1180 | 1100 | | | |
| 30° | 50,7 | | 3,0 - 12,5 | 6000 | 6000 | | | 4550 | 3490 | 2810 | 2330 | 1970 | 1700 | 1480 | 1300 | 1160 | 1030 | 930 | 840 | 760 | 700 | | |
| | | | 3,0 - 9,5 | 6000 | 6000 | | | 4870 | 3950 | 3300 | 2820 | 2450 | 2160 | 1920 | 1720 | 1560 | 1410 | 1290 | 1180 | 1100 | | | |
| 45° | 41,5 | | 2,7 - 33,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 2,7 - 26,5 | 1800 | 6000 | | | 4550 | 3490 | 2810 | 2330 | 1970 | 1700 | 1480 | 1300 | 1160 | 1030 | 930 | 840 | 760 | 700 | | |

→ kg



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 7,1 | 8000 | 8000 | 6110 | 4400 | 3410 | 2750 | 2290 | 1940 | 1680 | 1470 | 1290 | 1150 | 1030 | 920 | 830 | 760 | 690 | 630 | 570 | 550 |
| | | | 3,3 - 4,8 | 8000 | 8000 | 6340 | 4110 | 2990 | 2320 | 1860 | 1540 | 1300 | 1110 | 960 | 840 | 730 | 650 | 570 | 510 | 450 | 400 | 350 | 310 |
| 15° | 56,5 | | 3,2 - 23,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | - | - | - | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 8,25 | 6000 | 6000 | 5440 | 3930 | 3040 | 2450 | 2040 | 1730 | 1490 | 1300 | 1140 | 1010 | 900 | 800 | 720 | 650 | 600 | | | |
| | | | - | - | - | | | | | | | | | | | | | | | | | | |
| 45° | 41,5 | | 2,7 - 23,5 | 1800 | 6000 | | | 4550 | 3490 | 2810 | 2330 | 1970 | 1700 | 1480 | 1300 | 1160 | 1030 | 930 | 840 | 760 | 700 | | |
| | | | 2,7 - 16,0 | 1800 | 6000 | | | 4550 | 3490 | 2810 | 2330 | 1970 | 1700 | 1480 | 1300 | 1160 | 1030 | 930 | 840 | 760 | 700 | | |

→ kg

MK 140

+6 t



CAPACITES DE LEVAGE - TRAGLASTEN LEST 9 To — GEGENGEWICHT 9 To



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|--------|---|------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 13,4 | 8000 | 8000 | | 7290 | 6220 | 5400 | 4750 | 4230 | 3790 | 3420 | 3110 | 2830 | 2600 | 2390 | 2200 | 2040 | 1890 | 1760 | 1700 | |
| | | | 3,3 - 12,0 | 8000 | 8000 | | 6630 | 5630 | 4870 | 4270 | 3780 | 3380 | 3050 | 2760 | 2520 | 2310 | 2120 | 1950 | 1800 | 1670 | 1550 | 1500 | |
| | Plus*2 | | 3,2 - 14,4 | 8000 | 8000 | | 7706 | 6504 | 5613 | 4925 | 4379 | 3934 | 3565 | 3254 | 2988 | 2758 | 2558 | 2381 | 2224 | 2084 | 1958 | 1900 | |
| 15° | 56,5 | | 3,2 - 54,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 3,0 - 50,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 16,0 | 6000 | 6000 | | | 5320 | 4540 | 3940 | 3480 | 3100 | 2790 | 2530 | 2310 | 2120 | 1960 | 1810 | 1700 | | | | |
| | | | 2,7 - 14,0 | 6000 | 6000 | | | 5610 | 4680 | 4000 | 3490 | 3080 | 2740 | 2470 | 2240 | 2040 | 1880 | 1730 | 1600 | 1500 | | | |
| 45° | 41,5 | | 2,7 - 39,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 2,7 - 36,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |

kg

7



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 12,7 | 8000 | 8000 | | 6650 | 5430 | 4570 | 3930 | 3440 | 3050 | 2730 | 2460 | 2240 | 2040 | 1880 | 1730 | 1610 | 1490 | 1390 | 1350 | |
| | | | 3,3 - 10,5 | 8000 | 8000 | | 6930 | 5440 | 4460 | 3760 | 3230 | 2830 | 2510 | 2240 | 2020 | 1840 | 1680 | 1540 | 1420 | 1310 | 1220 | 1130 | 1100 |
| 15° | 56,5 | | 3,2 - 44,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 3,2 - 36,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 15,0 | 6000 | 6000 | | | 4860 | 4070 | 3490 | 3040 | 2680 | 2390 | 2150 | 1950 | 1780 | 1630 | 1500 | 1400 | | | | |
| | | | 3,0 - 12,0 | 6000 | 6000 | | | 4660 | 3780 | 3160 | 2700 | 2350 | 2070 | 1840 | 1650 | 1490 | 1350 | 1230 | 1130 | 1050 | | | |
| 45° | 41,5 | | 2,7 - 39,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 2,7 - 33,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |

kg



| | | | | m | | | | | | | | | | | | | | | | | | | |
|----------------|------|---|------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| α° | m | m | kg | 3,0 | 6,0 | 9,0 | 12,0 | 15,0 | 18,0 | 21,0 | 24,0 | 27,0 | 30,0 | 33,0 | 36,0 | 39,0 | 42,0 | 45,0 | 48,0 | 51,0 | 54,0 | 57,0 | 58,5 |
| 0° | 58,5 | | 3,3 - 9,1 | 8000 | 8000 | | 5890 | 4590 | 3730 | 3130 | 2680 | 2330 | 2050 | 1830 | 1640 | 1480 | 1340 | 1220 | 1120 | 1030 | 950 | 880 | 850 |
| | | | 3,3 - 6,8 | 8000 | 8000 | | 5960 | 4390 | 3440 | 2800 | 2350 | 2010 | 1740 | 1530 | 1360 | 1210 | 1090 | 980 | 890 | 810 | 740 | 680 | 620 |
| 15° | 56,5 | | 3,2 - 31,0 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 3,2 - 23,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| 30° | 50,7 | | 3,0 - 10,5 | 6000 | 6000 | | 5180 | 4040 | 3290 | 2760 | 2360 | 2050 | 1800 | 1600 | 1430 | 1290 | 1170 | 1060 | 970 | 900 | | | |
| | | | 3,0 - 7,75 | 6000 | 6000 | | 5080 | 3680 | 2850 | 2300 | 1910 | 1610 | 1390 | 1210 | 1060 | 940 | 830 | 740 | 670 | 600 | 550 | | |
| 45° | 41,5 | | 2,7 - 30,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |
| | | | 2,7 - 23,5 | 1800 | 1800 | | | | | | | | | | | | | | | | | | |

kg

+9 t



MK 140