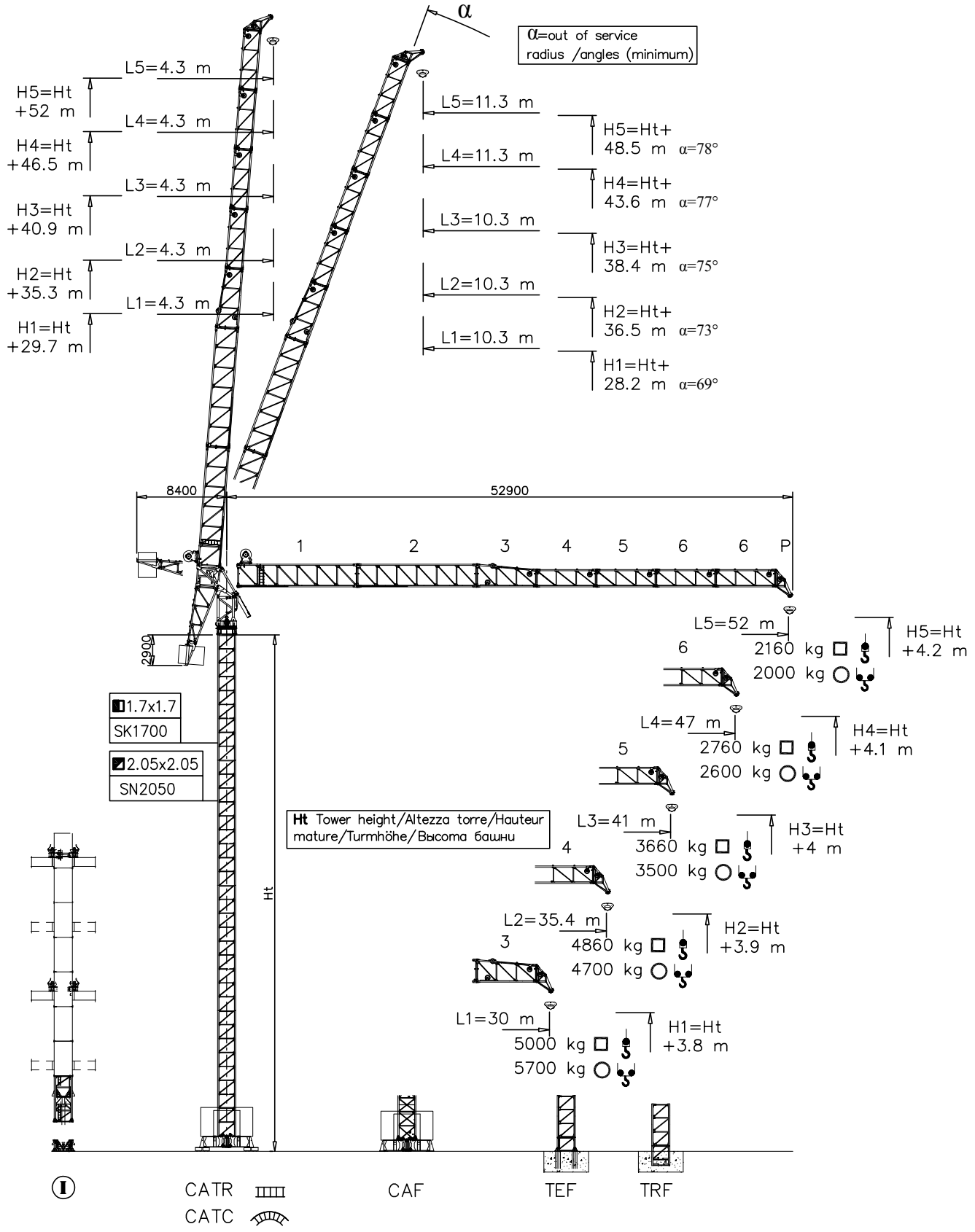
# 2052 LK P10




Power Control ASsys ACsys ULTRALIFT

EN 14439 – C25

| Code: 15ICA37L25A0 | P.1 |
|---|---|
| Rev. 0 | Data 15.02.19 |

# AFM Gru 2052 LK

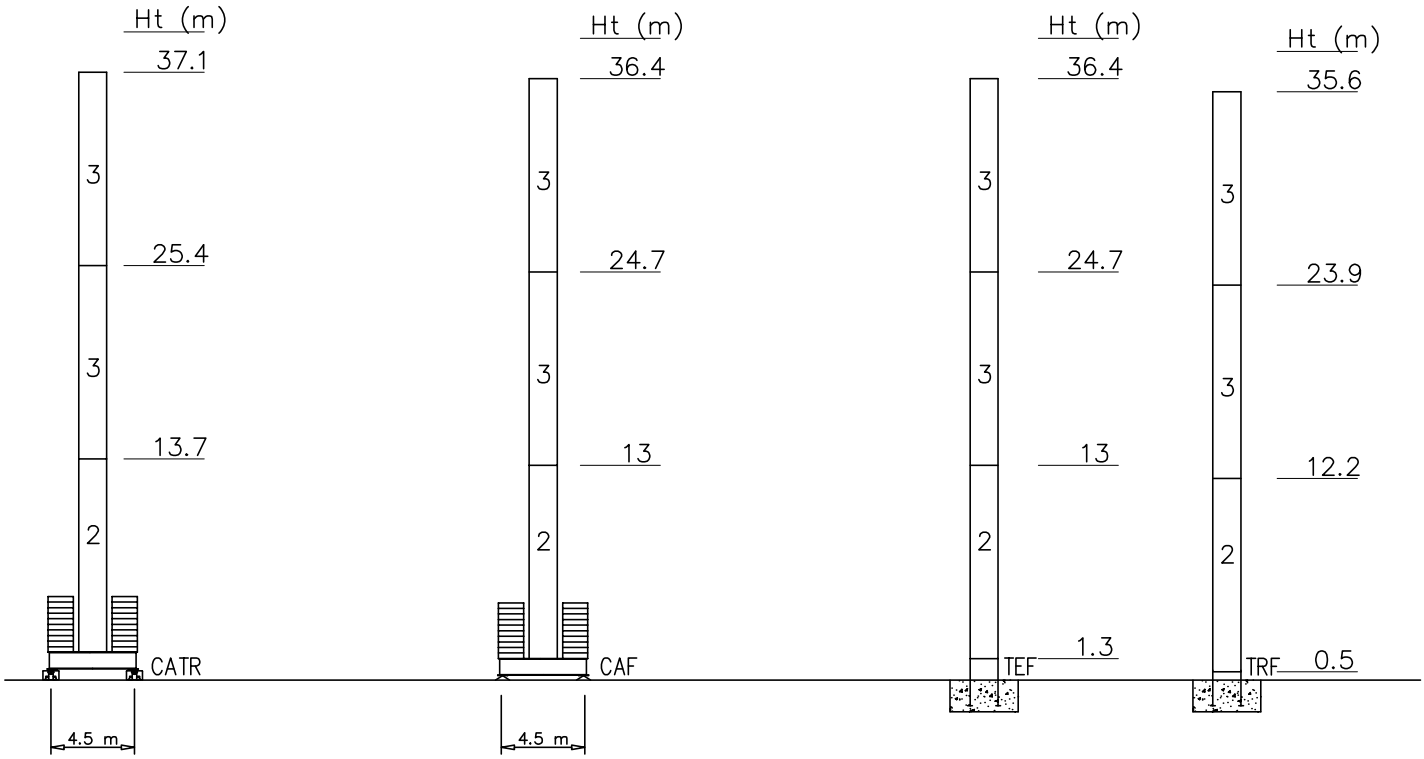
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SK1700 | EN14439–C25 |
|---|---|

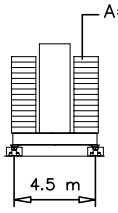
J

30 ⟶ 52 m

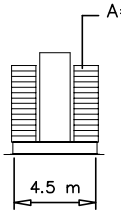
| | | |
|---|---|---|
| 6 | BCF052 | 2/4 |
| 5 | BPF117 | 4/4 |
| 4 | BPF039 | 4/4 |
| 3 | ST117 | 2/2 |
| 2 | BAF117 | 4/2 |
| 1 | ST039 | 2/2 |




Peso zavorra – Ballast weight – Poids du lest – Ballastgewicht – Peso de lastre




| SK1700 | | |
|---|---|---|
| H–CATR (m) | 25.4 | 37.1 |
| (t) | 133 | 147 |
| n° | 38xA | 42xA |




| SK1700 | | | | |
|---|---|---|---|---|
| H–CAF (m) | 24.7 | 28.6 | 32.5 | 36.4 |
| (t) | 126 | 133 | 140 | 147 |
| n° | 36xA | 38xA | 40xA | 42xA |

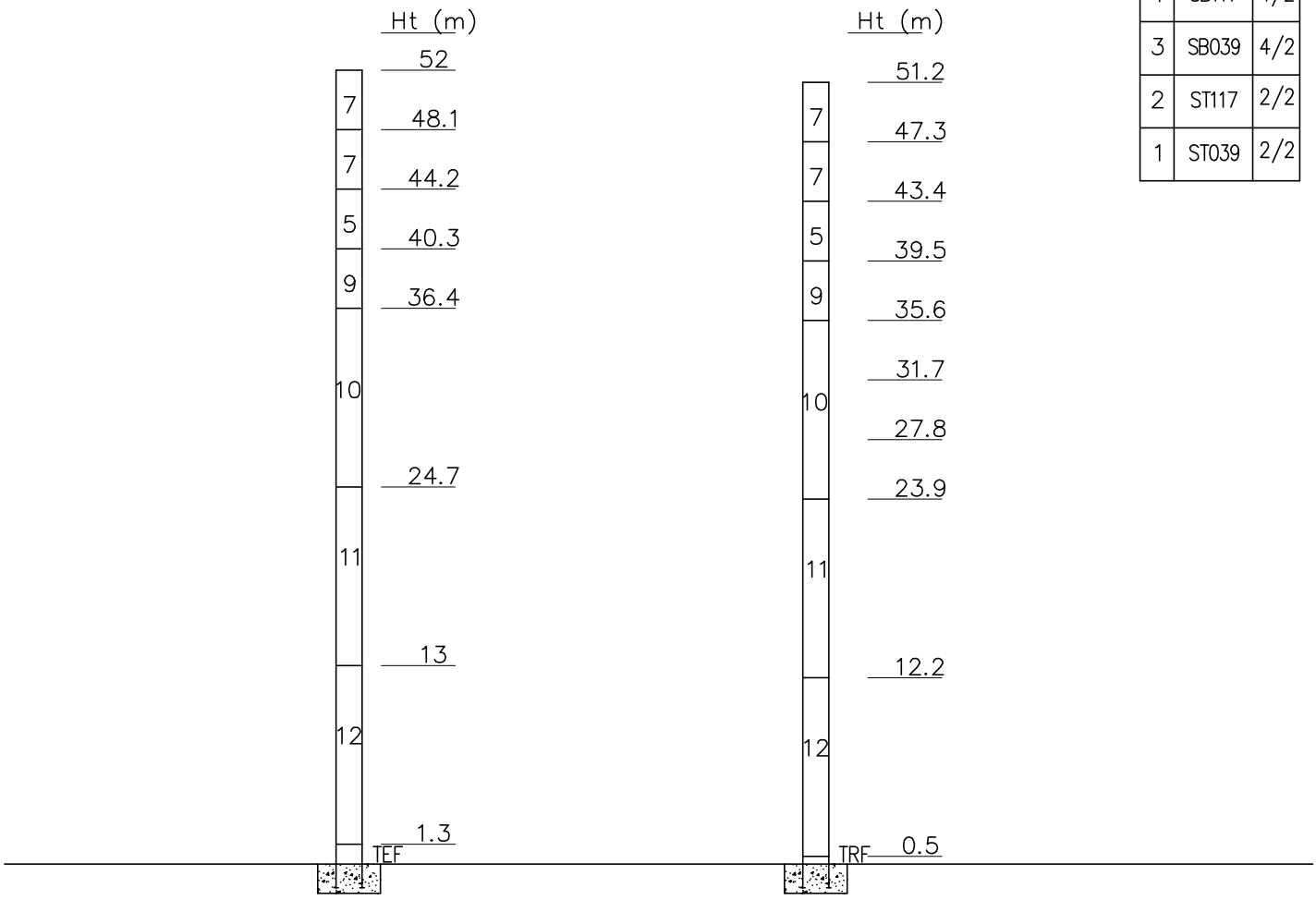
# 2052 LK

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SN2050 | EN14439–C25 |
|---|---|

J 30 → 52 m

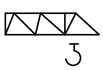
| | | |
|---|---|---|
| 14 | BCF052 | 2/4 M45 |
| 13 | BAF052 | 2/4 M42 |
| 12 | BPF117 | 4/4 M45–45 |
| 11 | BNF117 | 4/4 M45–42 |
| 10 | BOF117 | 4/4 |
| 9 | BOF039 | 4/4 |
| 8 | BO039 | 4/4 |
| 7 | STR039 | 2/2 |
| 6 | SBR117 | 4/2 |
| 5 | SBR039 | 4/2 |
| 4 | SB117 | 4/2 |
| 3 | SB039 | 4/2 |
| 2 | ST117 | 2/2 |
| 1 | ST039 | 2/2 |

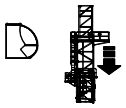


# AFM Gru 2052 LK

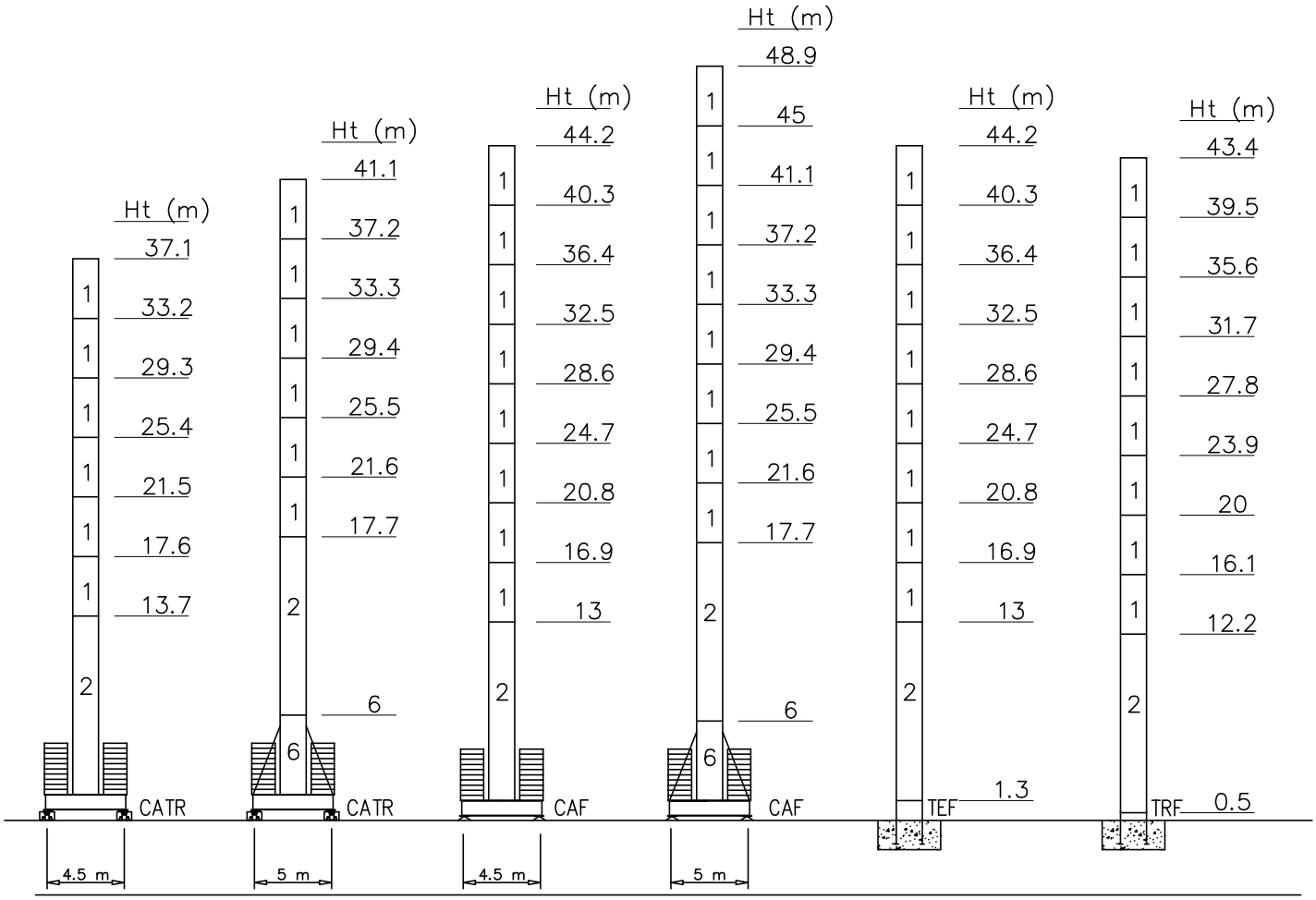
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SKF1700 | FEM |
|---|---|

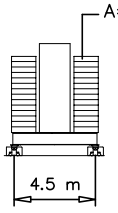


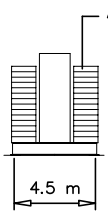
| | | |
|---|---|---|
| 6 | BCF052 | 2/4 |
| 5 | BPF117 | 4/4 |
| 4 | BPF039 | 4/4 |
| 3 | ST117 | 2/2 |
| 2 | BAF117 | 4/2 |
| 1 | ST039 | 2/2 |



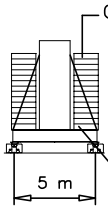

Peso zavorra – Ballast weight – Poids du lest – Ballastgewicht – Peso de lastre



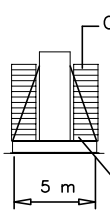

| SKF1700 | | |
|---|---|---|
| H–CATR (m) | 33.2 | 37.1 |
| (t) | 84 | 91 |
| n° | 24xA | 26xA |




| SKF1700 | | | | | | |
|---|---|---|---|---|---|---|
| H–CAF (m) | 24.7 | 28.6 | 32.5 | 36.4 | 40.3 | 44.2 |
| (t) | 63 | 63 | 70 | 77 | 84 | 91 |
| n° | 18xA | 18xA | 20xA | 22xA | 24xA | 26xA |




| SKF1700 | | |
|---|---|---|
| H–CATR (m) | 37.2 | 41.1 |
| (t) | 77.6 | 91.6 |
| n° | 2B+18C | 2B+22C |

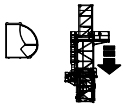



| SKF1700 | | | | | |
|---|---|---|---|---|---|
| H–CAF (m) | 33.3 | 37.2 | 41.1 | 45 | 48.9 |
| (t) | 63.6 | 70.6 | 77.6 | 91.6 | 105.6 |
| n° | 2B+14C | 2B+16C | 2B+18C | 2B+22C | 2B+26C |

# AFM Gru 2052 LK

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SKF1700 | EN14439–C25 |
|---|---|



| | | |
|---|---|---|
| 6 | BCF052 | 2/4 |
| 5 | BPF117 | 4/4 |
| 4 | BPF039 | 4/4 |
| 3 | ST117 | 2/2 |
| 2 | BAF117 | 4/2 |
| 1 | ST039 | 2/2 |

30 m.




35 m. → 41 m.

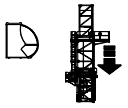



46.5 m. → 52 m.

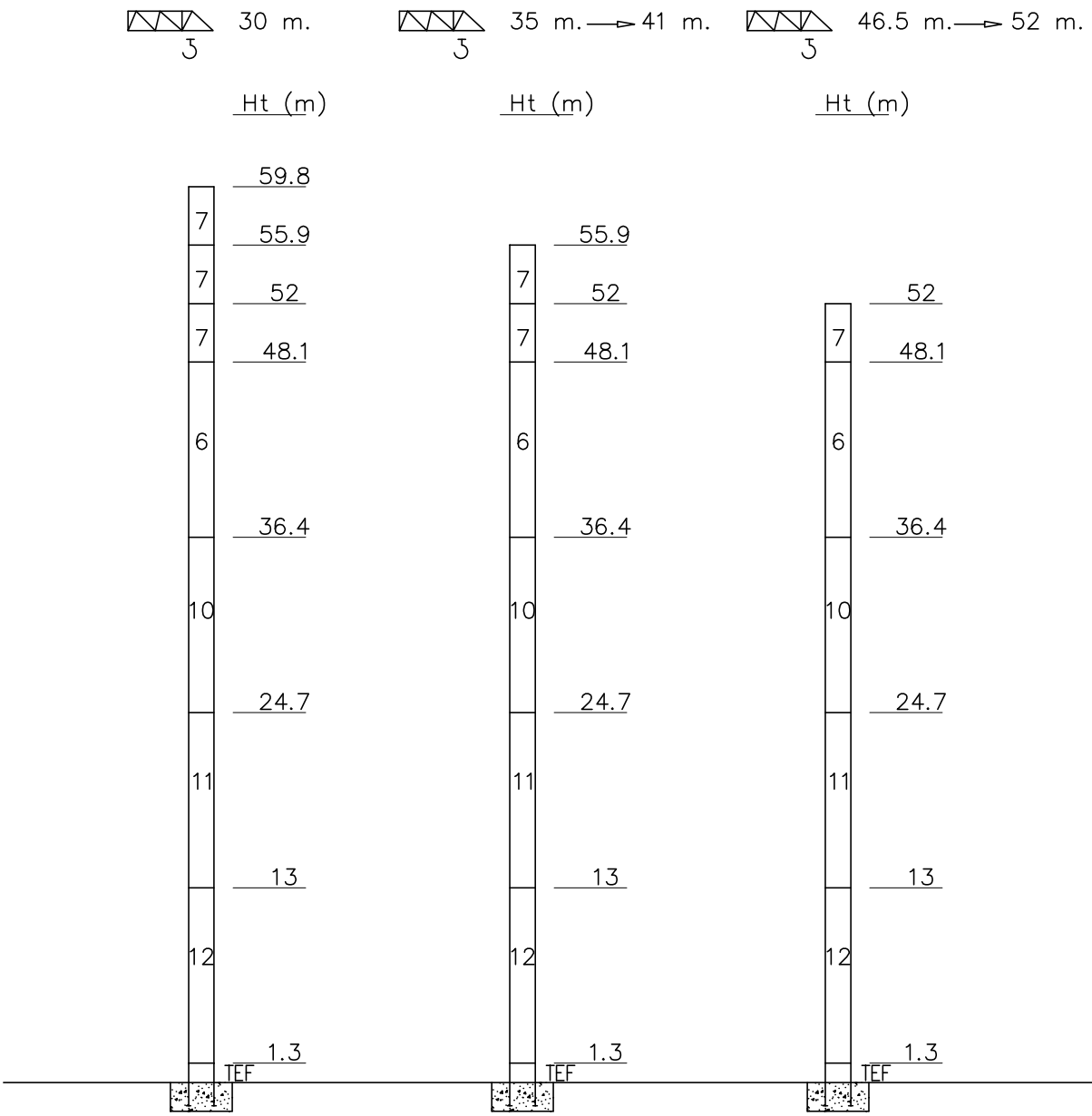
# AFM Gru 2052 LK

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SN2050 | EN14439–C25 |
|---|---|



| | | |
|---|---|---|
| 14 | BCF052 | 2/4 M45 |
| 13 | BAF052 | 2/4 M42 |
| 12 | BPF117 | 4/4 M45–45 |
| 11 | BNF117 | 4/4 M45–42 |
| 10 | BOF117 | 4/4 |
| 9 | BOF039 | 4/4 |
| 8 | B0039 | 4/4 |
| 7 | STR039 | 2/2 |
| 6 | SBR117 | 4/2 |
| 5 | SBR039 | 4/2 |
| 4 | SB117 | 4/2 |
| 3 | SB039 | 4/2 |
| 2 | ST117 | 2/2 |
| 1 | ST039 | 2/2 |



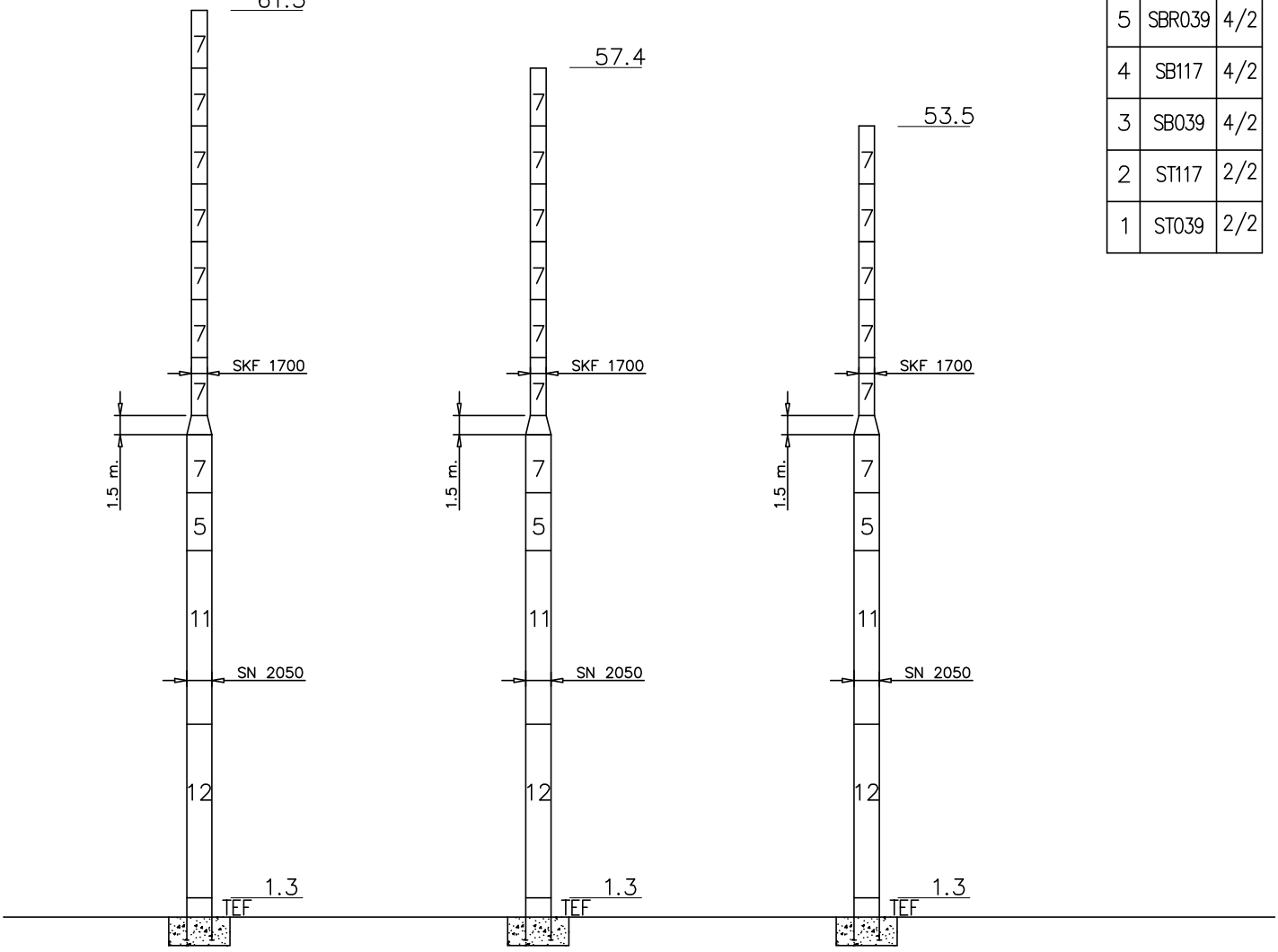
# AFM Gru 2052 LK

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| | |
|---|---|
| SKF1700 | EN14439–C25 |
| SN2050 | EN14439–C25 |

| | | |
|---|---|---|
| 14 | BCF052 | 2/4 M45 |
| 13 | BAF052 | 2/4 M42 |
| 12 | BPF117 | 4/4 M45–45 |
| 11 | BNF117 | 4/4 M45–42 |
| 10 | BOF117 | 4/4 |
| 9 | BOF039 | 4/4 |
| 8 | B0039 | 4/4 |
| 7 | STR039 | 2/2 |
| 6 | SBR117 | 4/2 |
| 5 | SBR039 | 4/2 |
| 4 | SB117 | 4/2 |
| 3 | SB039 | 4/2 |
| 2 | ST117 | 2/2 |
| 1 | ST039 | 2/2 |

30 m. | 35 m. → 41 m. | 46.5 m. → 52 m.

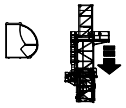



| | |
|---|---|
| Code: | 15ICA37L25A0 P.7 |
| Rev. 0 | Data 15.02.19 |

# AFM Gru 2052 LK

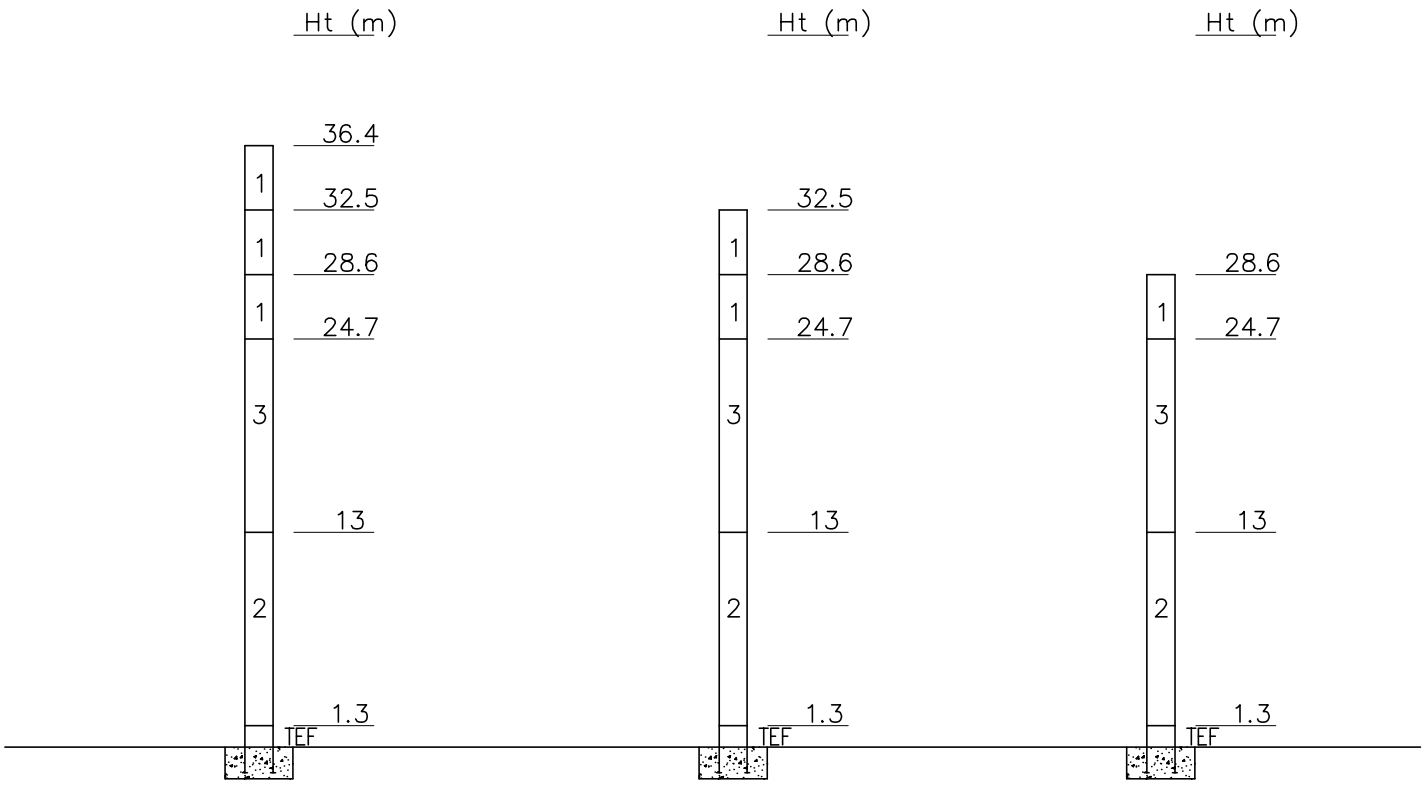
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| SKF1700 | EN14439–D25 |
|---|---|



| | | |
|---|---|---|
| 6 | BCF052 | 2/4 |
| 5 | BPF117 | 4/4 |
| 4 | BPF039 | 4/4 |
| 3 | ST117 | 2/2 |
| 2 | BAF117 | 4/2 |
| 1 | ST039 | 2/2 |

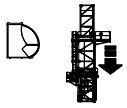
30 m. | 35 m. → 41 m. | 46.5 m. → 52 m.



# AFM Gru 2052 LK

Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

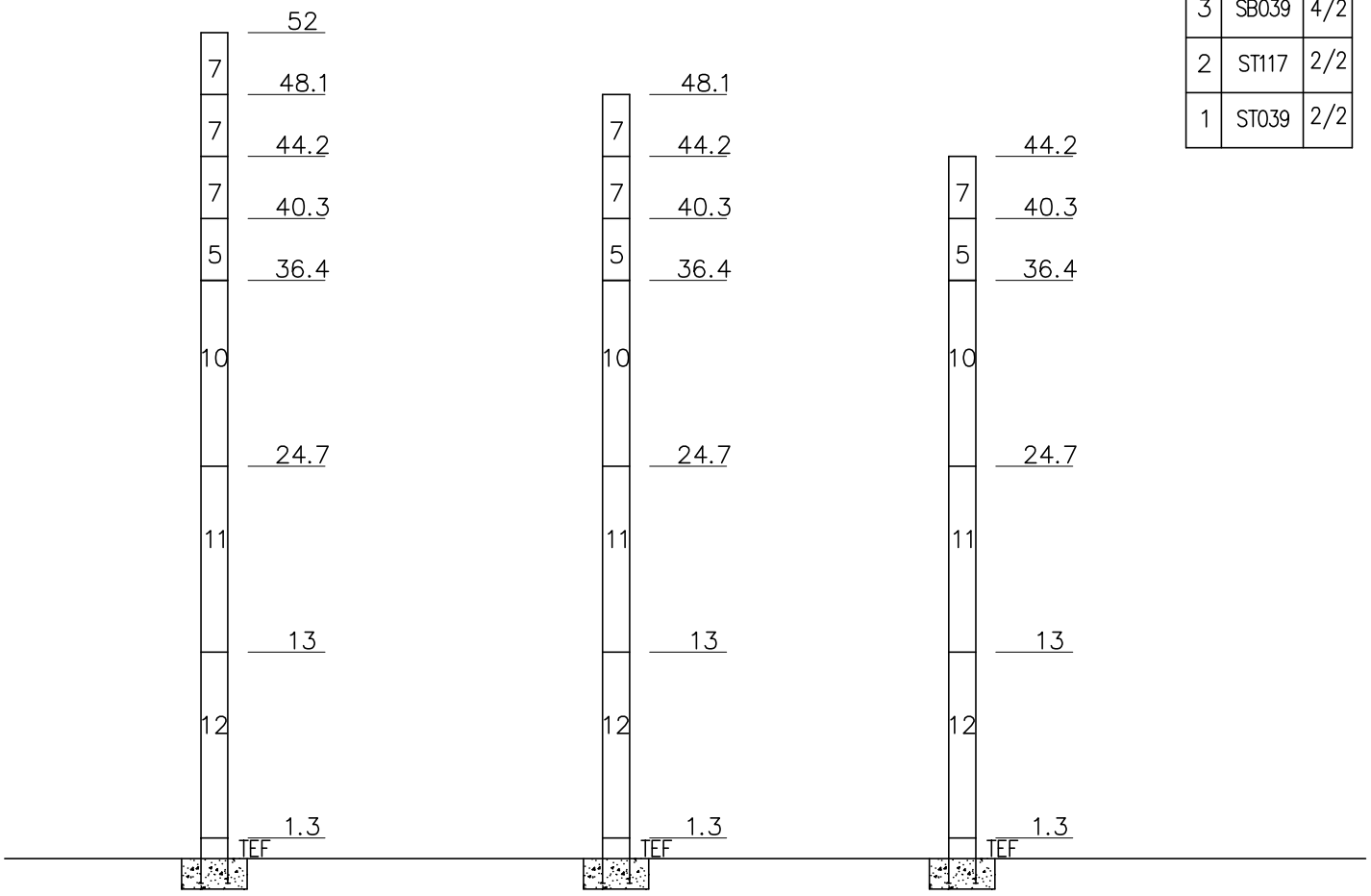
| SN2050 | EN14439–D25 |
|---|---|



| | | |
|---|---|---|
| 14 | BCF052 | 2/4 M45 |
| 13 | BAF052 | 2/4 M42 |
| 12 | BPF117 | 4/4 M45–45 |
| 11 | BNF117 | 4/4 M45–42 |
| 10 | BOF117 | 4/4 |
| 9 | BOF039 | 4/4 |
| 8 | B0039 | 4/4 |
| 7 | STR039 | 2/2 |
| 6 | SBR117 | 4/2 |
| 5 | SBR039 | 4/2 |
| 4 | SB117 | 4/2 |
| 3 | SB039 | 4/2 |
| 2 | ST117 | 2/2 |
| 1 | ST039 | 2/2 |

30 m. | 35 m. → 41 m. | 46.5 m. → 52 m.

Ht (m) | Ht (m) | Ht (m)



# AFM Gru 2052 LK

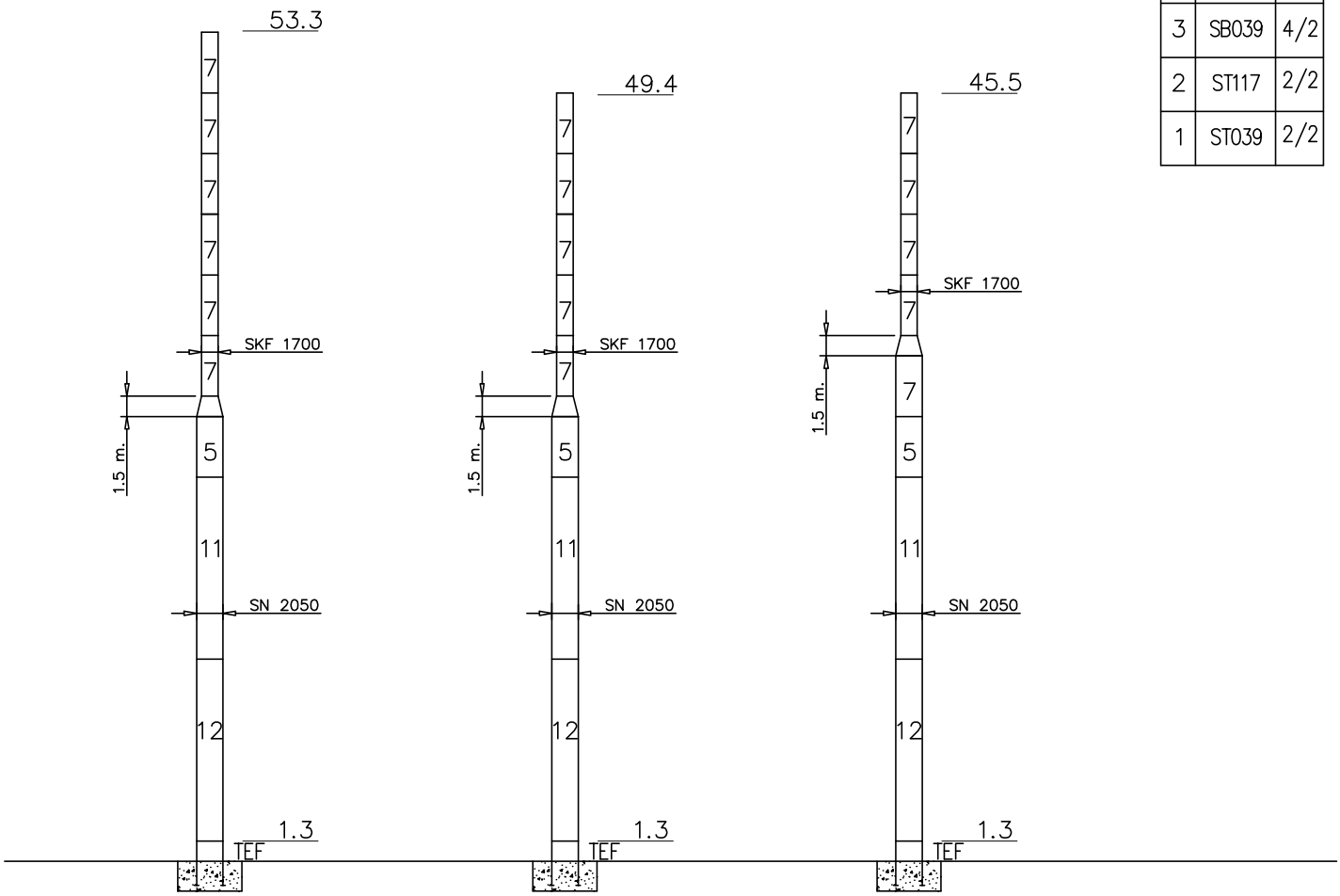
Torre/Reazioni – Masts/Reactions – Mat/Réactions – Maste/Eckdrücke – Màstil/Reacciones – Tramo/Reacções

| | |
|---|---|
| SKF1700 | EN14439–D25 |
| SN2050 | EN14439–D25 |

| | | |
|---|---|---|
| 14 | BCF052 | 2/4 M45 |
| 13 | BAF052 | 2/4 M42 |
| 12 | BPF117 | 4/4 M45–45 |
| 11 | BNF117 | 4/4 M45–42 |
| 10 | BOF117 | 4/4 |
| 9 | BOF039 | 4/4 |
| 8 | B0039 | 4/4 |
| 7 | STR039 | 2/2 |
| 6 | SBR117 | 4/2 |
| 5 | SBR039 | 4/2 |
| 4 | SB117 | 4/2 |
| 3 | SB039 | 4/2 |
| 2 | ST117 | 2/2 |
| 1 | ST039 | 2/2 |

30 m. 35 m. → 41 m. 46.5 m. → 52 m.

Ht (m) Ht (m) Ht (m)

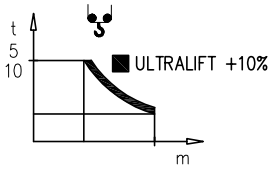


# AFM Gru — 2052 LK

Curve di carico – Courbes de charges – Load diagrams – LastKurven – Curvas de cargas

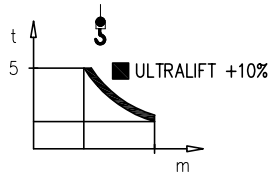
## Pmax 10000 kg

| | | Max load | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27000 kg | 52 m | 35.2 m | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 52 |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | 5000 | 4100 | 3300 | 2540 | 2000 |
| 27000 kg | 47 m | 19.7 m | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 47 | |
| | | **10000 kg** | 10000 | 9850 | 7660 | 6130 | 4970 | 4020 | 3110 | 2600 | |
| 27000 kg | 41 m | 20 m | 15 | 20 | 25 | 30 | 35 | 40 | 41 | | |
| | | **10000 kg** | 10000 | 10000 | 7840 | 6310 | 5110 | 3950 | 3500 | | |
| 27000 kg | 35 m | 20.6 m | 15 | 20 | 25 | 30 | 35 | 35.4 | | | |
| | | **10000 kg** | 10000 | 10000 | 8170 | 6580 | 5010 | 4700 | | | |
| 27000 kg | 30 m | 20.1 m | 15 | 20 | 25 | 30 | | | | | |
| | | **10000 kg** | 10000 | 10000 | 7840 | 5700 | | | | | |




## Pmax 5000 kg

| | | Max load | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 27000 kg | 52 m | 36 m | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 52 |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | 5000 | 4260 | 3460 | 2700 | 2160 |
| 27000 kg | 47 m | 35.6 m | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 47 | |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | 5000 | 4180 | 3270 | 2760 | |
| 27000 kg | 41 m | 36.2 m | 15 | 20 | 25 | 30 | 35 | 40 | 41 | | |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | 5000 | 4110 | 3660 | | |
| 27000 kg | 35 m | 35 m | 15 | 20 | 25 | 30 | 35 | 35.4 | | | |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | 5000 | 4860 | | | |
| 27000 kg | 30 m | 30 m | 15 | 20 | 25 | 30 | | | | | |
| | | **5000 kg** | 5000 | 5000 | 5000 | 5000 | | | | | |



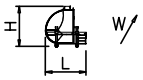
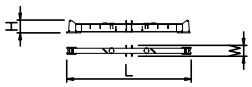
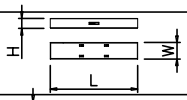
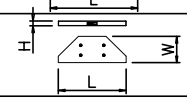
# AFM Gru 2052 LK

PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

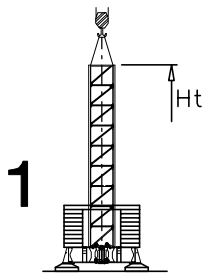
| Denominazione<br>Description | Disegno<br>Draw | | Pezzi<br>Pieces | Dimensioni–Dimensions (mm)<br>L | <br>W | <br>H | Peso–Weight (kg)<br>Unit | <br>Total |
|---|---|---|---|---|---|---|---|---|
| Elemento di braccio<br>Jib element<br>Elèment de èche<br>Elemento de flecha<br><br>(52 m jib version) | n°1 | | 1 | 11400 | 1140 | 2250 | 2670 | 2670 |
| | n°2 | | 1 | 11400 | 1140 | 2250 | 1910 | 1910 |
| | n°3 | | 1 | 5780 | 1190 | 2230 | 1240 | 1240 |
| | n°4 | | 1 | 5780 | 1140 | 1730 | 780 | 780 |
| | n°5 | | 1 | 5780 | 1140 | 1730 | 700 | 700 |
| | n°6 | | 2 | 5780 | 1140 | 1730 | 620 | 620 |
| | P | | 1 | 1720 | 1160 | 2690 | 560 | 560 |
| Gancio/Crochet<br>Gancho/Hook block<br>Lasthaken | | | 1 | 350 | 1050 | 1450 | 370 | 370 |
| Contorbraccio completo<br>Complete counterjib<br>Contreflèche complète<br>Contraflecha completa | | | 1 | 5490 | 1100 | 2100 | 1240 | 1240 |
| Telaio supporto zavorra<br>élément de support de lest<br>elemento soporte contrapeso<br>C–weight support/Ballast–Stützelement | | | 1 | 1980 | 3100 | 1010 | 1100 | 1100 |
| Gruppo girevole<br>Slewing group<br>Table tournante<br>Grupo giratorio | | SK1700 | – | 1990 | 2280 | 4690 | 6770 | – |
| | | SN2050 | – | 1990 | 2280 | 4690 | 7100 | – |
| Elemento ribaltante/élément de fixation du piston/elemento de fijación fijación del piston/Connecting piston element/Zylinderbefestigungselement | | | 1 | 2230 | 1150 | 2440 | 2250 | 2250 |
| Blocchi contrappeso<br>Counterweight block<br>Contre–poids<br>Bloques de contrapeso | | | 6 | 2040 | 380 | 2520 | 4500 | 27000 |

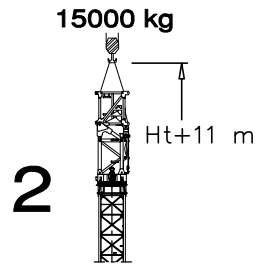
# 2052 LK

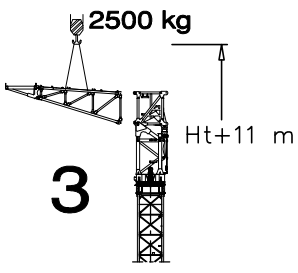
PESI E INGOMBRI – PACKING LIST – LISTE DE COLISAGE – GEWICHT UND ABMESSUNGEN

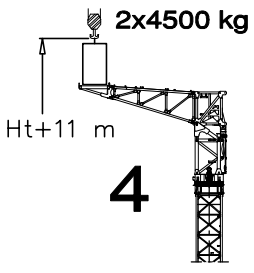
| Denominazione<br>Description | Disegno<br>Draw | | Pezzi<br>Pieces | Dimensioni–Dimensions (mm)<br>L | <br>W | <br>H | Peso–Weight (kg)<br>Unit | <br>Total |
|---|---|---|---|---|---|---|---|---|
| Ballatoio con cabina<br>Access balcony with cabin<br>Porte cabine<br>Balcòn corrido con cabina |  | | 1 | 4270 | 1630 | 2550 | 1540 | 1540 |
| Elemento di torre<br>Mast element<br>Elèment de mature<br>Elemento de torre | ST039<br>STR039 | SK1700 | – | 3900 | 1785 | 1785 | 1750 | – |
| | | SN2050 | – | 3900 | 2110 | 2110 | 2320 | – |
| | ST117 | SK1700 | – | 11700 | 1785 | 1785 | 4690 | – |
| | | SN2050 | – | 11700 | 2110 | 2110 | 5790 | – |
| | SB039<br>SBR039 | SK1700 | – | 3900 | 1925 | 1925 | 2030 | – |
| | | SN2050 | – | 3900 | 2110 | 2110 | 2710 | – |
| | BCF052<br>BAF052 | SK1700 | – | 5200 | 1785 | 1785 | 3700 | – |
| | | SN2050 | – | 5200 | 2110 | 2110 | 4850 | – |
| | SB117<br>SBR117 | SK1700 | – | 11700 | 1785 | 1785 | 4780 | – |
| | | SN2050 | – | 11700 | 2110 | 2110 | 7000 | – |
| | BOF039 | SK1700 | – | 3900 | 1925 | 1925 | 2640 | – |
| | | SN2050 | – | 3900 | 2110 | 2110 | 3770 | – |
| | BAF117<br>BNF117<br>BPF117 | SK1700 | – | 11700 | 1785 | 1785 | 7100 | – |
| | | SN2050 | – | 11700 | 2110 | 2110 | 8180 | – |
| | BOF117<br>BNF117<br>BPF117 | SK1700 | – | 11700 | 1925 | 1925 | 7500 | – |
| | | SN2050 | – | 11700 | 2110 | 2110 | 8180 | – |
| Carro di base<br>Base carriage<br>Chassis de base<br>Cruceta de base |  | 4.5x4.5 | 1+2 | 7550 | 800 | 1100 | – | 8650 |
| | | 5x5 | 1+2 | 7550 | 670 | 780 | – | 4450 |
| | | 6x6 | 1+2 | 8870 | 670 | 780 | – | 5000 |
| Puntoni di base<br>Rafter<br>Jambes de force<br>Cabrios de base |  | 5x5 | 4 | 4250 | 240 | 300 | 280 | 1120 |
| | | 6x6 | 4 | 4560 | 420 | 300 | 420 | 1680 |
| Blocco zavorra di base<br>Base ballast block<br>Lest de base<br>Bloque de lastre |  | 4.5x4.5 | – | 4400 | 1200 | 290 | 3500 | – |
| | | 5x5 | 2 | 5300 | 1000 | 600 | 7300 | 14600 |
| | | 6x6 | 2 | 6400 | 1200 | 600 | 10600 | 21200 |
| |  | 5x5 | – | 4100 | 1600 | 300 | 3500 | – |
| | | 6x6 | – | 4800 | 2000 | 300 | 5070 | – |

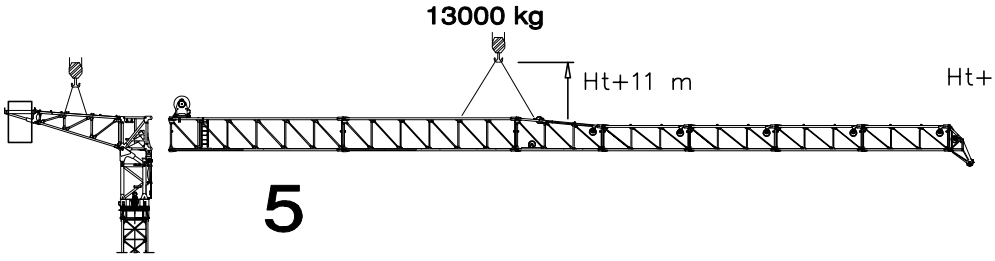
Montaggio – Montage – Erection – Montage – Montaje – Montagem

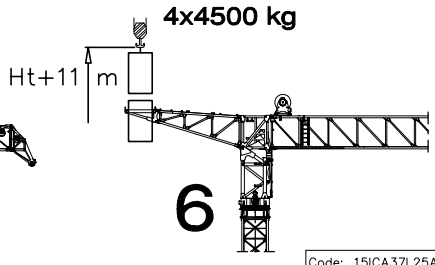


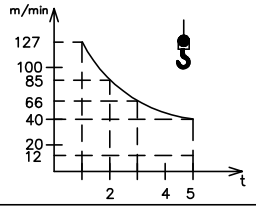
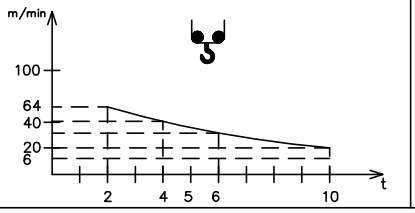
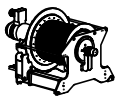



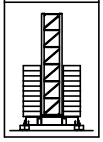



# 2052 LK

Meccanismi – Mechanisms – Mécanismes – Antriebe – Mecanismos

| Sollevamento V50.130<br>Hoisting<br>Levage<br>Heben<br>Elevaciòn<br>Elevaçao | | | | | | | | | | | | | V50.130<br>37 kW<br>60 kVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m/min | 12 | 40 | 66 | 85 | 127 | | 6 | 20 | 33 | 43 | 64 | |
| | t | 5 | 5 | 3 | 2 | 1 | | 10 | 10 | 6 | 4 | 2 | |
| | |  | | | | | |  | | | | |  <br>270 m<br>500 m (L) |

| | | | | | |
|---|---|---|---|---|---|
| Impennamento<br>Trolleying<br>Distribution<br>Katzfahren<br>Distribuciòn<br>Distribuiçao |  |  | 2° ⟶ 85° | 1.6 min | 30 kW |
| Rotazione<br>Slewing<br>Orientation<br>Schwenken<br>Orientaciòn<br>Rotaçao |  | | 0 ⟶ 0,56 | giri/min<br>tr/min<br>rp/min | n°2x 7.5 kW |
| Traslazione<br>Travelling<br>Translation<br>Kranfahren<br>Traslaciòn<br>Translaçao |  |  | 0 ⟶ 20 | m/min | n°4x11 kW |

Potenza elettrica necessaria
Puissance èlectrique nècessaire
Necessary electric power
Anschlusswert – Potencia

| Rete elettrica – Réseau – Mains supply – Netzstrom – Red – Rede electrica | 400V – 50 Hz |
|---|---|

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