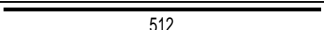
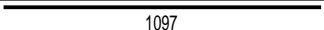
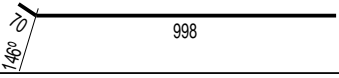
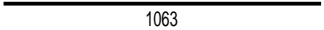
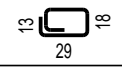
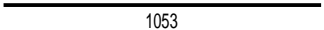
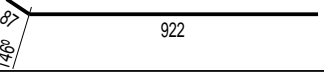
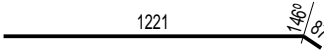

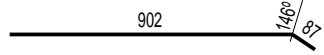
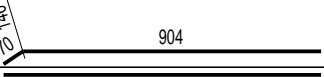

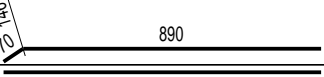
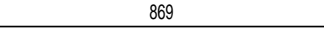
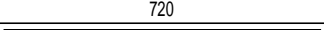
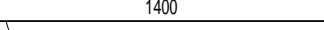
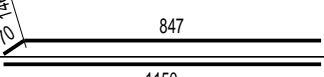
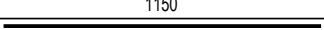
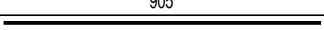
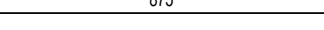
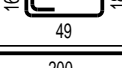
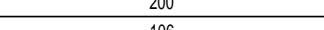
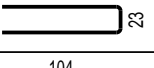
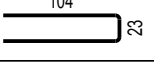
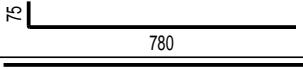
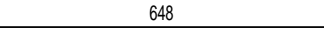
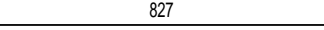
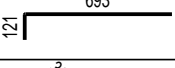
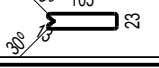
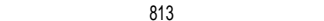


## Stahlliste zu Plan Nr. 22345b

| POS | St  | Ø    | Biegeform | Länge | Ø10    | Ø12     | Ø16   | Ø20 | Ø26 |
|-----|-----|------|-----------|-------|--------|---------|-------|-----|-----|
|     |     | [mm] |           | [m]   |        |         |       |     |     |
| 1   | 25  | 16   |           | 3.16  |        |         | 79.00 |     |     |
| 2   | 22  | 16   |           | 2.56  |        |         | 56.32 |     |     |
| 3   | 8   | 16   |           | 2.52  |        |         | 20.16 |     |     |
| 4   | 4   | 16   |           | 4.50  |        |         | 18.00 |     |     |
| 5   | 6   | 16   |           | 1.60  |        |         | 9.60  |     |     |
| 6   | 26  | 12   |           | 13.90 |        | 361.40  |       |     |     |
| 7   | 3   | 16   |           | 3.15  |        |         | 9.45  |     |     |
| 8   | 112 | 10   |           | 1.10  | 123.20 |         |       |     |     |
| 9   | 84  | 10   |           | 2.63  | 220.92 |         |       |     |     |
| 10  | 4   | 12   |           | 13.38 |        | 53.52   |       |     |     |
| 11  | 2   | 12   |           | 13.76 |        | 27.52   |       |     |     |
| 12  | 13  | 12   |           | 12.99 |        | 168.87  |       |     |     |
| 13  | 3   | 12   |           | 3.68  |        | 11.04   |       |     |     |
| 14  | 2   | 12   |           | 13.05 |        | 26.10   |       |     |     |
| 15  | 9   | 10   |           | 2.21  | 19.89  |         |       |     |     |
| 16  | 13  | 12   |           | 12.87 |        | 167.31  |       |     |     |
| 17  | 20  | 10   |           | 2.26  | 45.20  |         |       |     |     |
| 18  | 6   | 12   |           | 12.55 |        | 75.30   |       |     |     |
| 19  | 4   | 12   |           | 12.49 |        | 49.96   |       |     |     |
| 20  | 56  | 12   |           | 12.36 |        | 692.16  |       |     |     |
| 21  | 22  | 12   |           | 12.24 |        | 269.28  |       |     |     |
| 22  | 8   | 12   |           | 12.21 |        | 97.68   |       |     |     |
| 23  | 485 | 12   |           | 14.00 |        | 6790.00 |       |     |     |
| 24  | 21  | 12   |           | 11.53 |        | 242.13  |       |     |     |
| 25  | 104 | 10   |           | 1.18  | 122.72 |         |       |     |     |
| 26  | 18  | 12   |           | 3.67  |        | 66.24   |       |     |     |
| 27  | 17  | 12   |           | 3.70  |        | 62.90   |       |     |     |
| 28  | 21  | 12   |           | 11.40 |        | 239.40  |       |     |     |

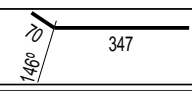
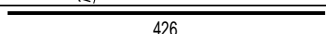
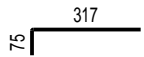
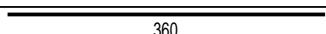
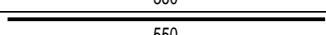
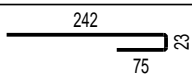

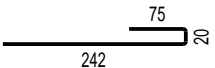
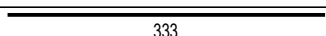
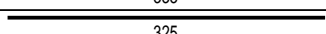
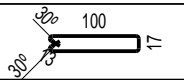
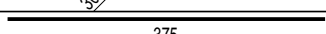
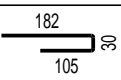
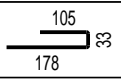

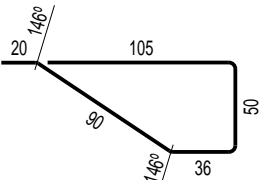

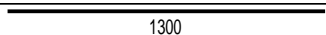


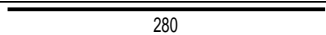
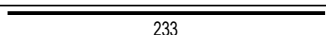



## Stahlliste zu Plan Nr. 22345b

| POS | St  | Ø    | Biegeform   | Länge | Ø10    | Ø12    | Ø16 | Ø20 | Ø26   |
|-----|-----|------|---|-------|--------|--------|-----|-----|-------|
|     |     | [mm] |   | [m]   |        |        |     |     |       |
| 29  | 1   | 12   |    | 5.12  |        | 5.12   |     |     |       |
| 30  | 6   | 12   |    | 10.97 |        | 65.82  |     |     |       |
| 31  | 6   | 12   |    | 10.68 |        | 64.08  |     |     |       |
| 32  | 24  | 12   |    | 10.63 |        | 255.12 |     |     |       |
| 33  | 112 | 10   |    | 1.20  | 134.40 |        |     |     |       |
| 34  | 22  | 12   |    | 10.53 |        | 231.66 |     |     |       |
| 35  | 1   | 12   |    | 10.09 |        | 10.09  |     |     |       |
| 36  | 64  | 12   |    | 13.08 |        | 837.12 |     |     |       |
| 37  | 2   | 12   |    | 2.52  |        | 5.04   |     |     |       |
| 38  | 20  | 12   |    | 9.89  |        | 197.80 |     |     |       |
| 39  | 63  | 12   |   | 9.74  |        | 613.62 |     |     |       |
| 40  | 3   | 12   |  | 5.48  |        | 16.44  |     |     |       |
| 41  | 4   | 12   |  | 9.60  |        | 38.40  |     |     |       |
| 42  | 4   | 12   |  | 8.69  |        | 34.76  |     |     |       |
| 43  | 2   | 12   |  | 7.20  |        | 14.40  |     |     |       |
| 44  | 4   | 26   |  | 14.00 |        |        |     |     | 56.00 |
| 45  | 45  | 12   |  | 9.17  |        | 412.65 |     |     |       |
| 46  | 4   | 26   |  | 11.50 |        |        |     |     | 46.00 |
| 47  | 19  | 12   |  | 9.05  |        | 171.95 |     |     |       |
| 48  | 42  | 12   |  | 8.75  |        | 367.50 |     |     |       |
| 49  | 32  | 12   |  | 1.65  |        | 52.80  |     |     |       |
| 50  | 45  | 10   |  | 2.00  | 90.00  |        |     |     |       |
| 51  | 22  | 12   |  | 2.35  |        | 51.70  |     |     |       |
| 52  | 16  | 12   |  | 2.31  |        | 36.96  |     |     |       |
| 53  | 2   | 12   |  | 8.55  |        | 17.10  |     |     |       |
| 54  | 23  | 12   |  | 6.48  |        | 149.04 |     |     |       |
| 55  | 13  | 12   |  | 8.27  |        | 107.51 |     |     |       |
| 56  | 1   | 12   |  | 8.14  |        | 8.14   |     |     |       |
| 57  | 56  | 12   |  | 2.59  |        | 145.04 |     |     |       |
| 58  | 25  | 12   |  | 8.13  |        | 203.25 |     |     |       |

## Stahlliste zu Plan Nr. 22345b

| POS | St  | Ø    | Biegeform  | Länge   | Ø10     | Ø12    | Ø16 | Ø20 | Ø26   |
|-----|-----|------|------------|---------|---------|--------|-----|-----|-------|
|     |     | [mm] |            | [m]     |         |        |     |     |       |
| 59  | 4   | 12   |            | 8.04    |         | 32.16  |     |     |       |
| 60  | 30  | 12   |            | 7.93    |         | 237.90 |     |     |       |
| 61  | 174 | 10   |            | 0.98    | 170.52  |        |     |     |       |
| 62  | 80  | 10   |            | 2.40    | 192.00  |        |     |     |       |
| 63  | 66  | 12   |            | 2.80    |         | 184.80 |     |     |       |
| 64  | 1   | 12   |            | 7.78    |         | 7.78   |     |     |       |
| 65  | 4   | 12   |            | 6.94    |         | 27.76  |     |     |       |
| 66  | 54  | 12   |            | 7.25    |         | 391.50 |     |     |       |
| 67  | 4   | 12   |            | 2.30    |         | 9.20   |     |     |       |
| 68  | 7   | 26   |            | 7.00    |         |        |     |     | 49.00 |
| 69  | 3   | 26   |            | 6.50    |         |        |     |     | 19.50 |
| 70  | 12  | 26   |            | 6.00    |         |        |     |     | 72.00 |
| 71  | 1   | 12   |            | 12.57   |         | 12.57  |     |     |       |
| 72  | 1   | 12   |            | 6.56    |         | 6.56   |     |     |       |
| 73  | 107 | 12   |            | 6.63    |         | 709.41 |     |     |       |
| 74  | 2   | 12   |            | 6.75    |         | 13.50  |     |     |       |
| 75  | 4   | 12   |            | 6.47    |         | 25.88  |     |     |       |
| 76  | 4   | 12   |            | 6.29    |         | 25.16  |     |     |       |
| 77  | 2   | 12   |            | 5.87    |         | 11.74  |     |     |       |
| 78  | 9   | 26   |            | 5.75    |         |        |     |     | 51.75 |
| 79  | 57  | 12   |            | 5.79    |         | 330.03 |     |     |       |
| 80  | 21  | 10   |            | 2.66    | 55.86   |        |     |     |       |
| 81  | 184 | 12   |            | 5.34    |         | 982.56 |     |     |       |
| 82  | 7   | 12   |            | 5.33    |         | 37.31  |     |     |       |
| 83  | 4   | 12   |            | 5.18    |         | 20.72  |     |     |       |
| 84  | 1   | 12   |            | 5.05    |         | 5.05   |     |     |       |
| 85  | 1   | 12   |            | 4.74    |         | 4.74   |     |     |       |
| 86  | 2   | 12   |            | 4.54    |         | 9.08   |     |     |       |
| 87  | 1   | 10   | Werkslänge | 1955.00 | 1955.00 |        |     |     |       |

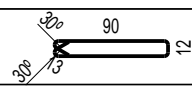
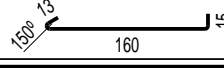
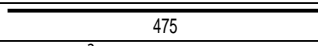
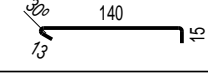

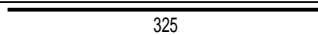

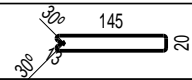
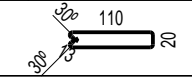
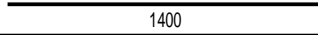
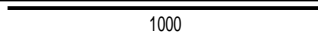
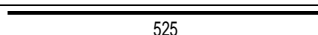
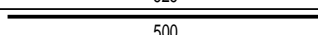
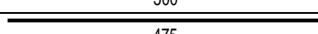
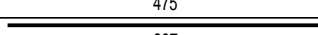
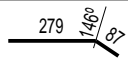
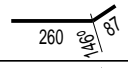
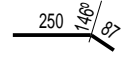
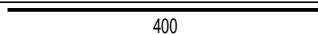
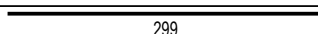
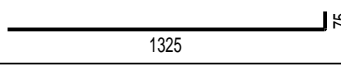

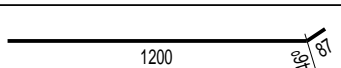
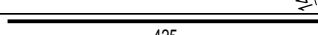
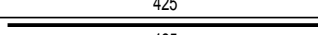

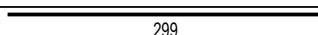
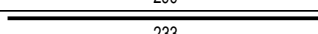
## Stahlliste zu Plan Nr. 22345b

| POS | St  | Ø    | Biegeform   | Länge | Ø10    | Ø12     | Ø16 | Ø20   | Ø26 |
|-----|-----|------|---|-------|--------|---------|-----|-------|-----|
|     |     | [mm] |   | [m]   |        |         |     |       |     |
| 88  | 25  | 12   |    | 4.17  |        | 104.25  |     |       |     |
| 89  | 26  | 12   |    | 4.26  |        | 110.76  |     |       |     |
| 90  | 1   | 12   |    | 3.92  |        | 3.92    |     |       |     |
| 91  | 6   | 12   |    | 3.60  |        | 21.60   |     |       |     |
| 92  | 6   | 26   |    | 5.50  |        |         |     | 33.00 |     |
| 93  | 17  | 12   |    | 3.40  |        | 57.97   |     |       |     |
| 94  | 1   | 12   |    | 3.40  |        | 3.40    |     |       |     |
| 95  | 18  | 12   |    | 3.37  |        | 60.66   |     |       |     |
| 97  | 7   | 12   |    | 3.33  |        | 23.31   |     |       |     |
| 98  | 14  | 12   |    | 3.25  |        | 45.50   |     |       |     |
| 99  | 381 | 10   |   | 2.43  | 925.83 |         |     |       |     |
| 100 | 3   | 26   |  | 3.75  |        |         |     | 11.25 |     |
| 101 | 12  | 12   |  | 3.17  |        | 38.04   |     |       |     |
| 102 | 6   | 12   |  | 3.16  |        | 18.96   |     |       |     |
| 103 | 1   | 12   |  | 3.15  |        | 3.15    |     |       |     |
| 105 | 603 | 12   |  | 3.01  |        | 1815.03 |     |       |     |
| 106 | 1   | 12   |  | 2.73  |        | 2.73    |     |       |     |
| 108 | 2   | 20   |  | 13.00 |        |         |     | 26.00 |     |
| 111 | 3   | 12   |  | 2.46  |        | 7.38    |     |       |     |
| 112 | 14  | 12   |  | 2.42  |        | 33.88   |     |       |     |
| 113 | 24  | 10   |  | 2.80  | 67.20  |         |     |       |     |
| 114 | 56  | 12   |  | 2.33  |        | 130.48  |     |       |     |
| 115 | 22  | 12   |  | 2.33  |        | 51.26   |     |       |     |
| 116 | 1   | 12   |  | 2.31  |        | 2.31    |     |       |     |
| 117 | 32  | 12   |  | 2.30  |        | 73.60   |     |       |     |

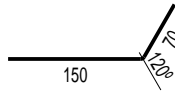
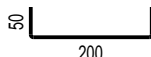
## Stahlliste zu Plan Nr. 22345b

| POS | St  | Ø    | Biegeform | Länge | Ø10    | Ø12    | Ø16   | Ø20   | Ø26 |
|-----|-----|------|-----------|-------|--------|--------|-------|-------|-----|
|     |     | [mm] |           | [m]   |        |        |       |       |     |
| 118 | 3   | 20   |           | 6.50  |        |        |       | 19.50 |     |
| 119 | 1   | 12   |           | 2.21  |        | 2.21   |       |       |     |
| 120 | 1   | 12   |           | 2.21  |        | 2.21   |       |       |     |
| 121 | 7   | 12   |           | 2.16  |        | 15.12  |       |       |     |
| 122 | 133 | 12   |           | 2.13  |        | 283.29 |       |       |     |
| 123 | 6   | 12   |           | 2.13  |        | 12.78  |       |       |     |
| 124 | 16  | 12   |           | 2.13  |        | 34.08  |       |       |     |
| 125 | 208 | 12   |           | 2.10  |        | 436.80 |       |       |     |
| 126 | 1   | 12   |           | 1.94  |        | 1.94   |       |       |     |
| 127 | 12  | 12   |           | 1.91  |        | 22.92  |       |       |     |
| 128 | 16  | 12   |           | 1.84  |        | 29.44  |       |       |     |
| 129 | 2   | 12   |           | 1.80  |        | 3.60   |       |       |     |
| 130 | 6   | 12   |           | 1.78  |        | 10.68  |       |       |     |
| 131 | 119 | 12   |           | 1.86  |        | 221.34 |       |       |     |
| 132 | 2   | 12   |           | 1.68  |        | 3.36   |       |       |     |
| 133 | 1   | 12   |           | 1.54  |        | 1.54   |       |       |     |
| 134 | 2   | 20   |           | 6.20  |        |        |       | 12.40 |     |
| 135 | 16  | 20   |           | 5.00  |        |        |       | 80.00 |     |
| 136 | 21  | 10   |           | 3.23  | 67.83  |        |       |       |     |
| 137 | 3   | 20   |           | 4.91  |        |        |       | 14.73 |     |
| 138 | 249 | 10   |           | 2.83  | 704.67 |        |       |       |     |
| 139 | 40  | 10   |           | 3.75  | 150.00 |        |       |       |     |
| 140 | 13  | 16   |           | 1.75  |        |        | 22.75 |       |     |
| 141 | 258 | 12   |           | 3.06  |        | 789.48 |       |       |     |
| 142 | 32  | 10   |           | 1.86  | 59.52  |        |       |       |     |

## Stahlliste zu Plan Nr. 22345b

| POS                    | St  | Ø    | Biegeform   | Länge | Ø10      | Ø12      | Ø16    | Ø20    | Ø26     |
|------------------------|-----|------|---|-------|----------|----------|--------|--------|---------|
|                        |     | [mm] |   | [m]   |          |          |        |        |         |
| 143                    | 30  | 10   |    | 2.18  | 65.40    |          |        |        |         |
| 144                    | 31  | 10   |    | 1.88  | 58.28    |          |        |        |         |
| 145                    | 3   | 20   |    | 4.75  |          |          |        | 14.25  |         |
| 146                    | 359 | 10   |    | 1.68  | 603.12   |          |        |        |         |
| 147                    | 9   | 10   |    | 1.11  | 9.99     |          |        |        |         |
| 148                    | 3   | 20   |    | 3.25  |          |          |        | 9.75   |         |
| 149                    | 183 | 10   |    | 1.02  | 186.66   |          |        |        |         |
| 150                    | 7   | 12   |    | 3.36  |          | 23.52    |        |        |         |
| 151                    | 19  | 12   |    | 2.66  |          | 50.54    |        |        |         |
| 152                    | 3   | 16   |   | 14.00 |          |          | 42.00  |        |         |
| 153                    | 3   | 16   |  | 10.00 |          |          | 30.00  |        |         |
| 154                    | 4   | 16   |  | 5.25  |          |          | 21.00  |        |         |
| 155                    | 3   | 16   |  | 5.00  |          |          | 15.00  |        |         |
| 156                    | 2   | 16   |  | 4.75  |          |          | 9.50   |        |         |
| 157                    | 3   | 16   |  | 2.67  |          |          | 8.01   |        |         |
| 158                    | 4   | 16   |  | 3.66  |          |          | 14.64  |        |         |
| 159                    | 2   | 16   |  | 3.47  |          |          | 6.94   |        |         |
| 160                    | 10  | 16   |  | 3.37  |          |          | 33.70  |        |         |
| 161                    | 39  | 10   |  | 4.00  | 156.00   |          |        |        |         |
| 162                    | 2   | 16   |  | 2.99  |          |          | 5.98   |        |         |
| 163                    | 3   | 12   |  | 14.00 |          | 42.00    |        |        |         |
| 164                    | 4   | 12   |  | 13.53 |          | 54.12    |        |        |         |
| 165                    | 1   | 12   |  | 12.87 |          | 12.87    |        |        |         |
| 166                    | 43  | 12   |  | 4.25  |          | 182.75   |        |        |         |
| 168                    | 138 | 10   |  | 4.25  | 586.50   |          |        |        |         |
| 169                    | 32  | 10   |  | 1.40  | 44.80    |          |        |        |         |
| 170                    | 13  | 16   |  | 2.99  |          |          | 38.87  |        |         |
| 171                    | 21  | 12   |  | 2.33  |          | 48.93    |        |        |         |
| Ges.Länge / Ø [m]:     |     |      |   |       | 6815.51  | 21493.04 | 440.92 | 176.63 | 338.50  |
| Lfm. Masse / Ø [kg/m]: |     |      |   |       | 0.617    | 0.888    | 1.580  | 2.470  | 4.170   |
| Ges.Gew / Ø [kg]:      |     |      |   |       | 4205.17  | 19085.82 | 696.65 | 436.28 | 1411.55 |
| Gesamtgewicht [kg]:    |     |      |   |       | 25835.46 |          |        |        |         |

## Mattenliste zu Plan Nr. 22345b

| Pos | Typ   | St | Länge | Breite | Gewicht | Gewicht  | Biegeform   |
|-----|-------|----|-------|--------|---------|----------|---|
|     |       |    | [m]   | [m]    | [kg/St] | [kg/pos] |   |
| 1   | Q424A | 53 | 6.00  | 2.30   | 84.36   | 4470.9   |   |
| 2   | Q424A | 35 | 4.50  | 2.30   | 63.27   | 2214.3   |   |
| 3   | R257A | 16 | 6.00  | 2.30   | 41.25   | 659.9    |   |
| 4   | R257A | 3  | 1.50  | 2.30   | 10.31   | 30.9     |   |
| 5   | R257A | 1  | 1.50  | 1.73   | 7.76    | 7.8      |   |
| 6   | R257A | 3  | 6.00  | 1.73   | 31.02   | 93.1     |   |
| 7   | R335A | 19 | 6.00  | 2.30   | 50.17   | 953.3    |   |
| 8   | R257A | 9  | 2.20  | 2.30   | 15.12   | 136.1    |  |
| 9   | R257A | 12 | 3.00  | 2.30   | 20.62   | 247.5    |  |

Gesamtgewicht je Typ

|           |       |  |  |  |  |           |    |
|-----------|-------|--|--|--|--|-----------|----|
|           | Q424A |  |  |  |  | 6685.2    |    |
|           | R257A |  |  |  |  | 1175.3    |    |
|           | R335A |  |  |  |  | 953.3     |    |
| Ges.Gew.: |       |  |  |  |  | 8813.8 kg | -- |

## Schneideskizze für Matten zu Plan Nr. 22345b

| Typ   | St | Länge<br>[m] | Breite<br>[m] | Gew.<br>[kg/St] | Gew.<br>[kg/pos] | Schneideskizze |
|-------|----|--------------|---------------|-----------------|------------------|----------------|
| Q424A | 53 | 6.00         | 2.30          | 84.36           | 4470.9           |                |
| Q424A | 35 | 6.00         | 2.30          | 84.36           | 2952.5           |                |
| R257A | 16 | 6.00         | 2.30          | 41.25           | 659.9            |                |
| R257A | 6  | 6.00         | 2.30          | 41.25           | 247.5            |                |
| R257A | 3  | 6.00         | 2.30          | 41.25           | 123.7            |                |
| R257A | 1  | 6.00         | 2.30          | 41.25           | 41.2             |                |
| R257A | 1  | 6.00         | 2.30          | 41.25           | 41.2             |                |
| R257A | 3  | 6.00         | 2.30          | 41.25           | 123.7            |                |
| R335A | 19 | 6.00         | 2.30          | 50.17           | 953.3            |                |

| Zusammenfassung je Typ: |            |      |      |       |                  |    |
|-------------------------|------------|------|------|-------|------------------|----|
| Q424A                   | 88         | 6.00 | 2.30 | 84.36 | 7423.3           | -- |
| R257A                   | 30         | 6.00 | 2.30 | 41.25 | 1237.4           | -- |
| R335A                   | 19         | 6.00 | 2.30 | 50.17 | 953.3            | -- |
| <b>Gesamt:</b>          | <b>137</b> |      |      |       | <b>9614.0 kg</b> |    |