

| Height of the shell H (m) |                             | 8,47   | 9,67 | 10,87 | 12,07 | 13,27 | 14,47 | 15,67 | 16,87 | 18,07 | 19,27 | 20,47 | 21,67 | 22,87 | 24,07 | 25,27 | 26,47 |
|---------------------------|-----------------------------|--|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Number of rows            |                             | 7  | 8    | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    |
| Silo diameter (m)         | Number of sheets in the row | STORAGE VOLUME OF MATERIAL (m <sup>3</sup> ) |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 5,27                      | 7                           | 192  | 218  | 244   | 270   | 296   | 322   | 348   | 374   | 400   |       |       |       |       |       |       |       |
| 6,02                      | 8                           | 241  | 275  | 309   | 343   | 377   | 411   | 445   | 479   | 513   | 547   | 581   |       |       |       |       |       |
| 6,78                      | 9                           |  |      | 379   | 422   | 465   | 508   | 551   | 594   | 637   | 680   | 723   |       |       |       |       |       |
| 7,53                      | 10                          |  |      | 446   | 500   | 554   | 608   | 662   | 716   | 770   | 824   | 878   | 932   | 986   |       |       |       |
| 8,28                      | 11                          |  |      |       | 590   | 655   | 720   | 785   | 850   | 915   | 980   | 1045  | 1110  | 1175  | 1240  | 1305  |       |
| 9,03                      | 12                          |  |      |       | 738   | 815   | 892   | 969   | 1046  | 1123  | 1200  | 1277  | 1354  | 1431  | 1508  | 1585  | 1662  |
| 9,79                      | 13                          |  |      |       |       | 925   | 1016  | 1107  | 1198  | 1289  | 1380  | 1471  | 1562  | 1653  | 1744  | 1835  | 1926  |
| 10,54                     | 14                          |  |      |       |       | 1097  | 1201  | 1305  | 1409  | 1513  | 1617  | 1721  | 1825  | 1929  | 2033  | 2137  | 2241  |
| 11,29                     | 15                          |  |      |       |       |       | 1340  | 1460  | 1580  | 1700  | 1820  | 1940  | 2060  | 2180  | 2300  | 2420  | 2540  |
| 12,04                     | 16                          |  |      |       |       |       | 1494  | 1630  | 1766  | 1902  | 2038  | 2174  | 2310  | 2446  | 2582  | 2718  | 2854  |

Notes:

1. Silos are designed according to the series of standards EN 1990 EN 1991 and EN 1993.
2. The storage volume of the silo is the net volume of the stored material in the shell, roof and in the hopper after subtracting the free space created by the loose material and the silo roof. The hopper has a standard design 52°/45°.
3. The silos are designed for wind loads according to EN 1991-1-4 according to the given locality of the construction, or if the location of the construction is not stated, a wind speed of 30 m/s in terrain III is taken into consideration.
4. The silo roofing design takes into consideration operating pressure and snow and wind load.
5. The height of the silo shell is calculated from the concrete foundation (anchor angle) to the upper edge angles.
6. A silo exceeding the above stated capacities can be agreed upon on an individual basis.