

When cleaning is due our tanks will convince you if not long before

» Fermentation and storage tanks Square base tank RS-MO-Q Square stacking tank RA-MO-Q

In case you wish to square the circle, Speidel offers its high-quality fermentation and storage tanks also with a square base. This allows you to use the space available to the max. The perfect exploitation of space is truly unique and only Speidel manufactures square tanks of such high quality as standard tanks. This is nothing less than quality squared!

Our square tanks have the same properties as our rectangular tanks: maximum stability, dimensionally stable tank top and complete filling and draining. Easy cleaning is guaranteed due to smooth surfaces and perfect weld seams.

Cuboid for the perfect use of space



APPLICATION RANGE

- | | | |
|-------------------|-----------|--------------------|
| › Storage | › Juice | › Soft drinks |
| › Maturation | › Must | › Alcoholic drinks |
| › Fermentation | › Wine | |
| › Mixing/Blending | › Spirits | |
| › Processes | | |

STANDARD EQUIPMENT SQUARE BASE TANK RS-MO-Q/STACKING TANK RA-MO-Q

- › Tank shell and tank bottom made of AISI 304 stainless steel, surface lld(2R), marbled outside
- › Tank top made of AISI 316 stainless steel, surface lld(2R), marbled outside
- › With lifting lugs
- › Base tank from 2,000mm tank height upwards and stacking tank with ladder safety bow
- › Vaulted, stable tank top with moulded-on forward up-slope for complete filling and ventilation assuring a very small air contact area
- › Moulded connection neck with filling and vent neck, external thread NW50 Rd 78x 1/6"
- › Free-standing base tank on 4 welded-on legs
- › Stacking tank with 4 welded-on stacking legs

SAMPLING

- › Weld-on thread NW10 DIN 11851 with sealing cap (for the installation of sample tap)

MANHOLE

- › Stable manhole neck seamlessly moulded out of the tank shell, stable manhole neck, 420x320 mm, door with butterfly bow and hand wheel

RACKING OUTLET

- › With welded-on reinforcing plate with drilled hole 48 mm ø (to hold flap valve Gr. 37 or weld-on thread NW40, NW 50 DIN 11851)

FILL LEVEL

- › Weld-on thread NW 10 DIN 11851 with sealing cap including fastening points at tank shell (for the installation of fill level indicator)

BOTTOM OUTLET










- › Vaulted, stable tank bottom with integrally moulded forward down-slope for complete draining with moulded connection port, inhibiting suction effect with bottom outlet neck NW50 DIN 11851

EXAMPLE CELLAR LAYOUT

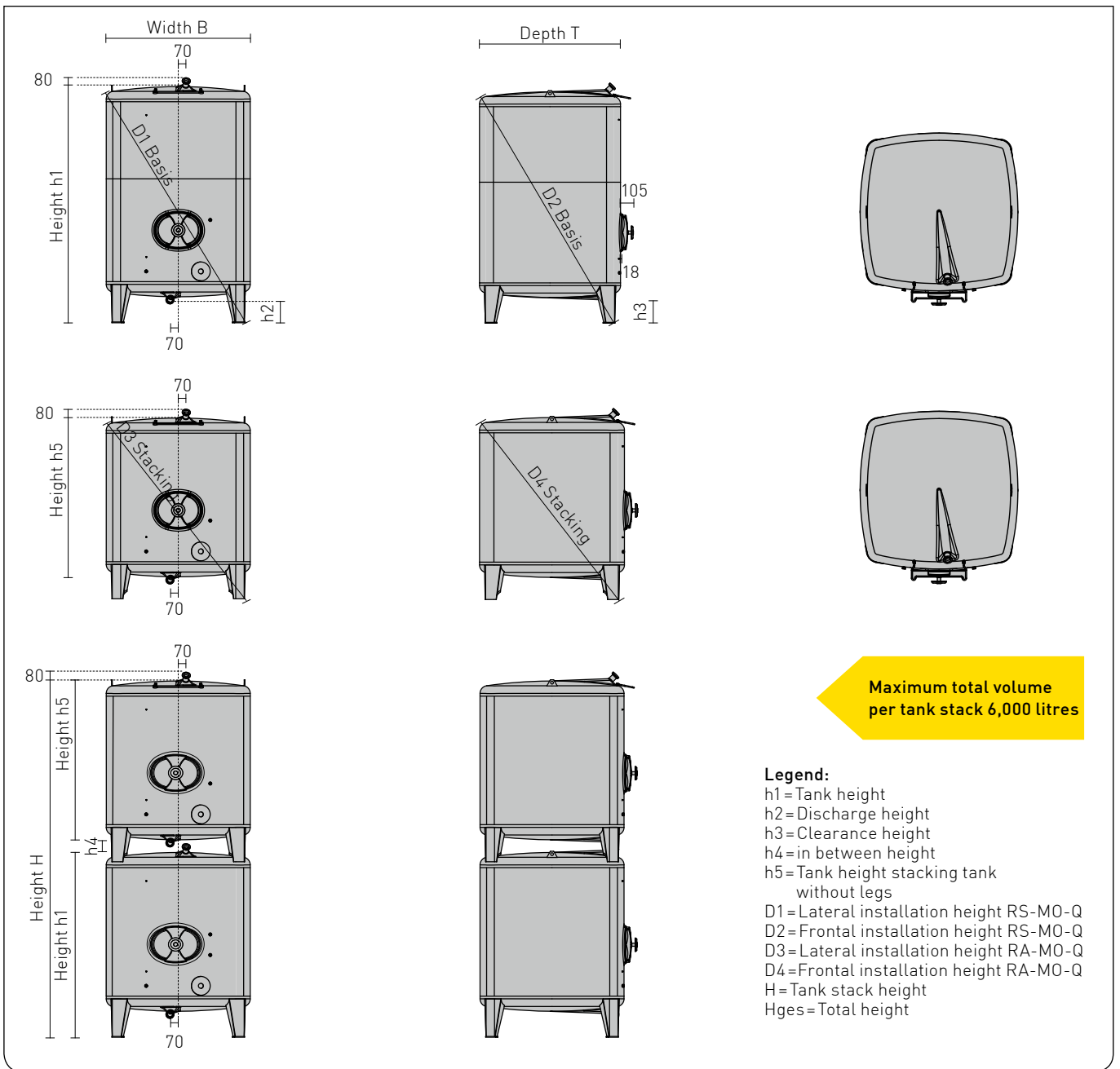


| Pos | Anzahl [Stk.] | Type | Tankquerschnitt [mm] | Höhe h5 [mm] | Höhe h1 [mm] | Nenn-Inhalt [Ltr.] | Gesamthalt [Ltr.] |
|-----|---------------|------------------|----------------------|--------------|--------------|--------------------|-------------------|
| 1 | 1 | RS-MO-090-S 0138 | 900x1400 | ø | 1539 | 1400 | 1400 |
| 2 | 1 | RS-MO-090 0133 | 900x1400 | 1528 | ø | 1650 | 1650 |
| 3 | 1 | RS-MO-141-S 0002 | 1400x1400 | ø | ca. 1172 | 1500 | 3000 |
| 4 | 1 | RA-MO-141-S 0004 | 1400x1400 | ca. 919 | ø | 1500 | 3000 |
| 15 | 1 | RA-MO-141-S 0001 | 1400x1400 | ca. 894 | ø | 1450 | 1450 |
| 5 | 1 | RA-MO-141-S 0003 | 1400x1400 | ca. 1044 | ø | 1700 | 1700 |
| 6 | 4 | RS-MO-141-S 0003 | 1400x1400 | ø | ca. 1547 | 2100 | 9000 |
| 7 | 4 | RA-MO-141-S 0002 | 1400x1400 | ca. 1794 | ø | 3000 | 12000 |
| 8 | 2 | RS-MO-090-S 0138 | 900x1400 | ø | 3539 | 3600 | 7200 |
| 9 | 1 | RS-MO-090-S 0137 | 900x1400 | ø | 1289 | 1100 | 1100 |
| 10 | 2 | RA-MO-090-S 0050 | 900x1400 | 1028 | ø | 1100 | 2200 |
| 11 | 1 | RS-MO-090-S 0136 | 900x1400 Super | ø | 1539 | 1400 | 1400 |
| 12 | 1 | RA-MO-090-S 0049 | 900x1400 Super | 1528 | ø | 1650 | 1650 |
| 13 | 1 | RS-MO-141-S 0009 | 1400x1400 | ø | ca. 1147 | 1450 | 1450 |
| 14 | 1 | RA-MO-141-S 0008 | 1400x1400 | ca. 894 | ø | 1450 | 1450 |
| | | | | | | | 46290 |

SET-UP EXAMPLE FOR SQUARE BASE TANK RS-MO-Q

| Item | Order No. | |
|---|--|----------------|
|  | <p>Square base tank RS-MO-141-2600 litres</p> <ul style="list-style-type: none"> > $h_1 = 1,792 \text{ mm}$, $H_{ges} = 1,792 (h_1) + 270 (\text{dome}) + 100 (\text{height compensation})$ = approx. 2,162 mm > Standard equipment as on page 52 | RS-MO-141-2600 |
|  | <p>Ventilation/Filling (page 130)</p> <ul style="list-style-type: none"> > Filler neck NW400 on tank top; position: forward/vertical > Tank top with bead extrusion for total ventilation, $H = +270 \text{ mm}$ | OB-0400 |
|  | <p>Sampling (page 138)</p> <ul style="list-style-type: none"> > With sampling tap NW 10 DIN 11851 | 64949 |
|  | <p>Racking outlet (page 134)</p> <ul style="list-style-type: none"> > With mounted flap valve Gr. 37 | KA-120I |
|  | <p>Fill level indicator (page 139)</p> <ul style="list-style-type: none"> > Mounted fill level indicator NW 10 | FS-130H |
|  | <p>Bottom outlet (page 134)</p> <ul style="list-style-type: none"> > With disc valve NW 50 DIN 11851 | 64945 |
|  | <p>Temperature measurement (page 141)</p> <ul style="list-style-type: none"> > Bi-metal dial thermometer $\varnothing 100 \text{ mm}$, measuring range -20°C to $+60^\circ \text{C}$ > Screwed sleeve for thermometer length = 125 mm | TM-140C |
|  | <p>Heating and cooling jacket (page 104)</p> <ul style="list-style-type: none"> > Double jacket C6 1,5 m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 51, connection position C6 | 1C6 |
|  | <p>Adjustable feet (page 146)</p> <ul style="list-style-type: none"> > With adjustable feet for tank legs ($H = +$ approx. 100 mm) | 46126 |

SQUARE BASE TANK RS-MO-Q/STACKING TANK RA-MO-Q



SQUARE BASE TANK RS-MO-Q/STACKING TANK RA-MO-Q

| Capacity | B | T | h1 | h2 | h3 | D1 | D2 | h4 | h5 | D3 | D4 | H | Order No. | Order No. |
|----------|-------|-------|-------|-----|-----|-------|-------|----|-------|-------|-------|----|-----------------|-----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | mm | RS-MO | RA-MO |
| 1,500 | 1,400 | 1,400 | 1,172 | 225 | 250 | 1,755 | 1,755 | 75 | 919 | 1,730 | 1,730 | * | RS-MO-141- 1500 | RA-MO-141- 1500 |
| 1,700 | 1,400 | 1,400 | 1,297 | 225 | 250 | 1,840 | 1,840 | 75 | 1,044 | 1,810 | 1,810 | * | RS-MO-141- 1700 | RA-MO-141- 1700 |
| 2,150 | 1,400 | 1,400 | 1,547 | 225 | 250 | 2,015 | 2,015 | 75 | 1,294 | 1,985 | 1,985 | * | RS-MO-141- 2150 | RA-MO-141- 2150 |
| 2,600 | 1,400 | 1,400 | 1,792 | 225 | 250 | 2,210 | 2,210 | 75 | 1,544 | 2,180 | 2,180 | * | RS-MO-141- 2600 | RA-MO-141- 2600 |
| 3,000 | 1,400 | 1,400 | 2,047 | 225 | 250 | 2,415 | 2,415 | 75 | 1,794 | 2,380 | 2,380 | * | RS-MO-141- 3000 | RA-MO-141- 3000 |
| 3,400 | 1,400 | 1,400 | 2,297 | 225 | 250 | 2,625 | 2,625 | 75 | - | - | - | - | RS-MO-141- 3400 | - |
| 3,900 | 1,400 | 1,400 | 2,547 | 225 | 250 | 2,845 | 2,845 | 75 | - | - | - | - | RS-MO-141- 3900 | - |
| 4,350 | 1,400 | 1,400 | 2,797 | 225 | 250 | 3,070 | 3,070 | 75 | - | - | - | - | RS-MO-141- 4350 | - |
| 4,800 | 1,400 | 1,400 | 3,047 | 225 | 250 | 3,295 | 3,295 | 75 | - | - | - | - | RS-MO-141- 4800 | - |

Intermediate sizes available

In case of 1,400x1,400 mm tank a 10 mm shell height equates to=18.2 litres tank volume

Larger tank sizes on request.

* The respective height H is calculated as follows: $H = h1 + h4 + h5$