



» 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.

Square for perfect use of space!



APPLICATION RANGE (PRESSURELESS)

- | | |
|---|--|
| <ul style="list-style-type: none">› Storage› Maturation› Fermentation› Mixing / Blending› Processes | <p>Ideal for</p> <ul style="list-style-type: none">› Beer› Soft drinks› Alcoholic drinks |
|---|--|

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

- › Tank shell and tank bottom made of AISI 304 stainless steel, surface IIIId (2R), marbled outside
- › Tank top made of AISI 316 stainless steel, surface IIIId (2R), marbled outside
- › With lifting lugs
- › Base tank from 2,000 mm tank height upwards and stacking tank 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 four welded-on legs
- › Stacking tank with four welded-on stacking legs

SAMPLING

- › Weld-on thread NW 10 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 weld-on thread NW 40, NW 50 DIN 11851

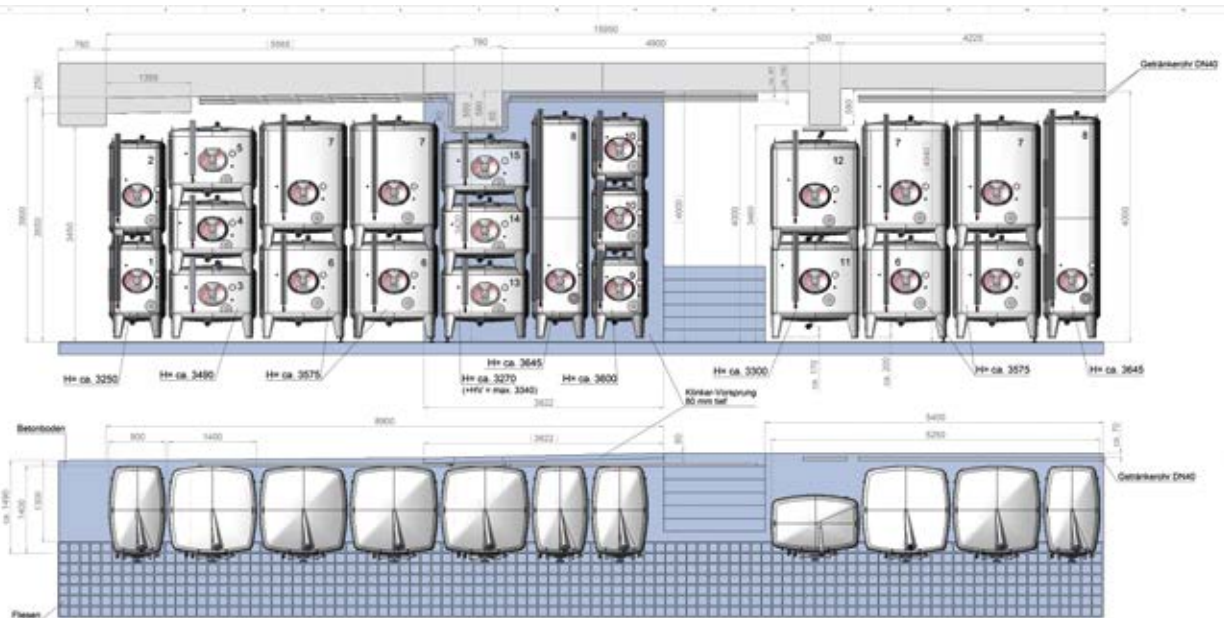
FILL LEVEL

- › 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

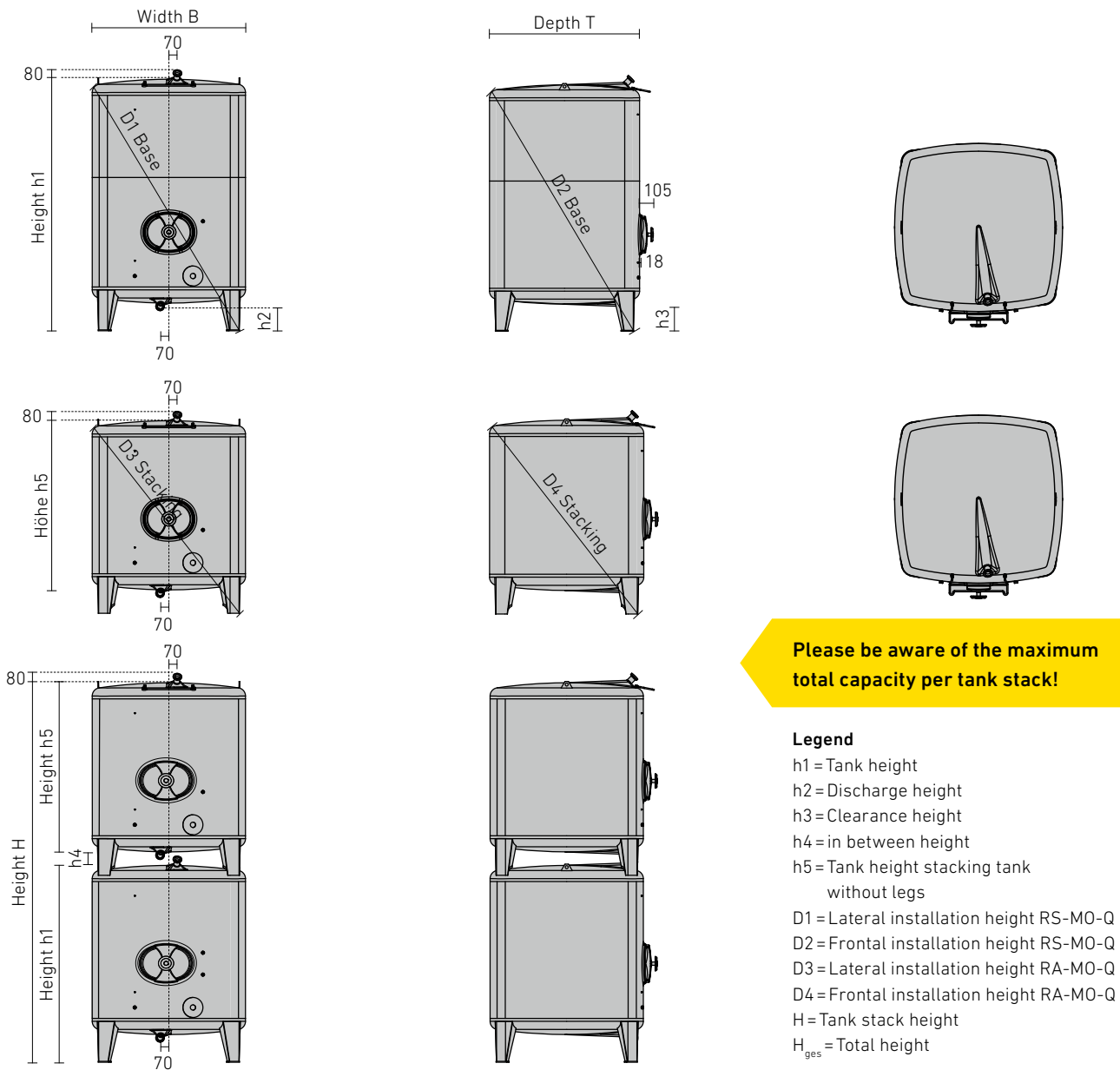


Pos.	Anzahl [Stk.]	Type	Tankquerschnitt [mm]	Höhe hS [mm]	Höhe h1 [mm]	Nenn-Inhalt [l.p.]	Gesamteinhalt [l.p.]
1	1	RS-MO-090-S 0138	900x1400	#	1539	1400	1400
2	1	RS-MO-090 0133	900x1400	1628	#	1650	1650
3	1	RS-MO-141-S 0002	1400x1400	#	ca. 1172	1550	3000
4	1	RA-MO-141-S 0004	1400x1400	ca. 919	#	1520	3000
15	1	RA-MO-141-S 0001	1400x1400	ca. 894	#	1450	1450
5	1	RA-MO-141-S 0003	1400x1400	ca. 1044	#	1700	1700
6	4	RS-MO-141-S 0003	1400x1400	#	ca. 1547	2150	8600
7	4	RA-MO-141-S 0002	1400x1400	ca. 1794	#	3000	12000
8	2	RS-MO-090-S 0138	900x1400	#	3539	3600	7200
9	1	RS-MO-090-S 0137	900x1400	#	1289	1100	1100
10	2	RA-MO-090-S 0000	900x1400	1028	#	1100	2200
11	1	RS-MO-090-S 0135	900x1400 quer	#	1539	1400	1400
12	1	RA-MO-090-S 0049	900x1400 quer	1528	#	1650	1650
13	1	RS-MO-141-S 0009	1400x1400	#	ca. 1147	1450	1450
14	1	RA-MO-141-S 0006	1400x1400	ca. 894	#	1450	1450
							44250

SET-UP EXAMPLE FOR SQUARE BASE TANK RS-MO-Q / STACKING TANK RA-MO-Q

	Item	Order No.
	<p>Square base tank RS-MO-141-2600 litres</p> <p>› $h_1 = 1,792 \text{ mm}$, $H_{\text{ges}} = 1,792 \text{ mm (h}_1) + 270 \text{ mm (dome)} + 100 \text{ mm (height compensation)}$ = approx. 2,162 mm</p> <p>› Standard equipment as on page 55</p>	RS-MO-141-2600
	<p>Ventilation / Filling (page 138)</p> <p>› Filler neck NW 400 on tank top; position: forward / vertical</p> <p>› Tank top with bead extrusion for total ventilation, $H = + 270 \text{ mm}$</p>	OB-0400
	<p>Sampling (page 146)</p> <p>› With sampling tap NW 10 DIN 11851</p>	64949
	<p>Racking outlet (page 142)</p> <p>› Welded gland with thread NW 50 DIN 11851</p> <p>› With disc valve NW 50 DIN 11851</p>	KA-120D 64945
	<p>Fill level (page 148)</p> <p>› Fill level indicator NW 10 mounted</p>	FS-130H
	<p>Bottom outlet (page 150)</p> <p>› With yeast plug</p> <p>› With disc valve NW 50 DIN 11851</p>	HS-100A 64945
	<p>Temperature measurement (page 150)</p> <p>› Bi-metal dial thermometer $\varnothing 100 \text{ mm}$, measuring range $- 20 \text{ }^\circ\text{C}$ to $+ 60 \text{ }^\circ\text{C}$</p> <p>› Threaded sleeve with locking screw and cap nut NW 10 DIN 11851</p>	TM-140C
	<p>Heating and cooling jacket (page 100)</p> <p>› Double jacket C6 $1,5 \text{ m}^2$ with welded gland thread G 1" for connection to available warm water / cold water source</p> <p>› Version 1, layout 51, connection position C6</p>	1C6
	<p>Adjustable feet (page 153)</p> <p>› With adjustable feet for tank legs ($H = +$ approx. 100 mm)</p>	46126

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



Please be aware of the maximum total capacity per tank stack!

Legend

- h1 = Tank height
- h2 = Discharge height
- h3 = Clearance height
- h4 = in between height
- h5 = Tank height stacking tank without legs
- D1 = Lateral installation height RS-MO-Q
- D2 = Frontal installation height RS-MO-Q
- D3 = Lateral installation height RA-MO-Q
- D4 = Frontal installation height RA-MO-Q
- H = Tank stack height
- H_{ges} = Total height

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	198	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	198	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	198	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	198	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	198	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	198	250	2,625	2,625	75	-	-	-	-	RS-MO-141-3400	-
3,900	1,400	1,400	2,547	198	250	2,845	2,845	75	-	-	-	-	RS-MO-141-3900	-
4,350	1,400	1,400	2,797	198	250	3,070	3,070	75	-	-	-	-	RS-MO-141-4350	-
4,800	1,400	1,400	3,047	198	250	3,295	3,295	75	-	-	-	-	RS-MO-141-4800	-

Tank cross section 1,400 x 1,400 mm; maximum total volume per tank stack 6,000 litres

Intermediate sizes available

In case of 1,400 x 1,400 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: $H = h1 + h4 + h5$