



## » Fermentation and storage tanks Rectangular base tank RS-M0 Rectangular stacking tank RA-M0

If the room you have is restricted, Speidel's cubical tanks are just the right thing for you! They fit perfectly, have perfect weld seams and their curves are easy to clean. Our serial production is more hygienic and cheaper than a customised version.

Therefore, we rather recommend our space-saving models. They guarantee you best Speidel quality, perfect fit, optimal hygiene and easy cleaning.

Perfect utilisation of space  
for small, narrow cellars.



### APPLICATION RANGE (PRESSURELESS)

- |                   |                    |
|-------------------|--------------------|
| › Storage         | › Ideal for        |
| › Maturation      | › Beer             |
| › Fermentation    | › Soft drinks      |
| › Mixing/Blending | › Alcoholic drinks |
| › Processes       |                    |

## STANDARD EQUIPMENT RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO

- › Tank shell and tank bottom made of AISI304 stainless steel, surface IIld (2R), marbled outside
- › Tank top made of AISI316 stainless steel, surface IIld (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 Rd78x1/6"
- › 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 from the tank shell, 420x320mm, door with butterfly bow and hand wheel

### RACKING OUTLET

- › With welded-on reinforcing plate with drilled hole 48mm  $\varnothing$  (to hold flap valve Gr. 37 or weld-on thread NW40, NW50 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

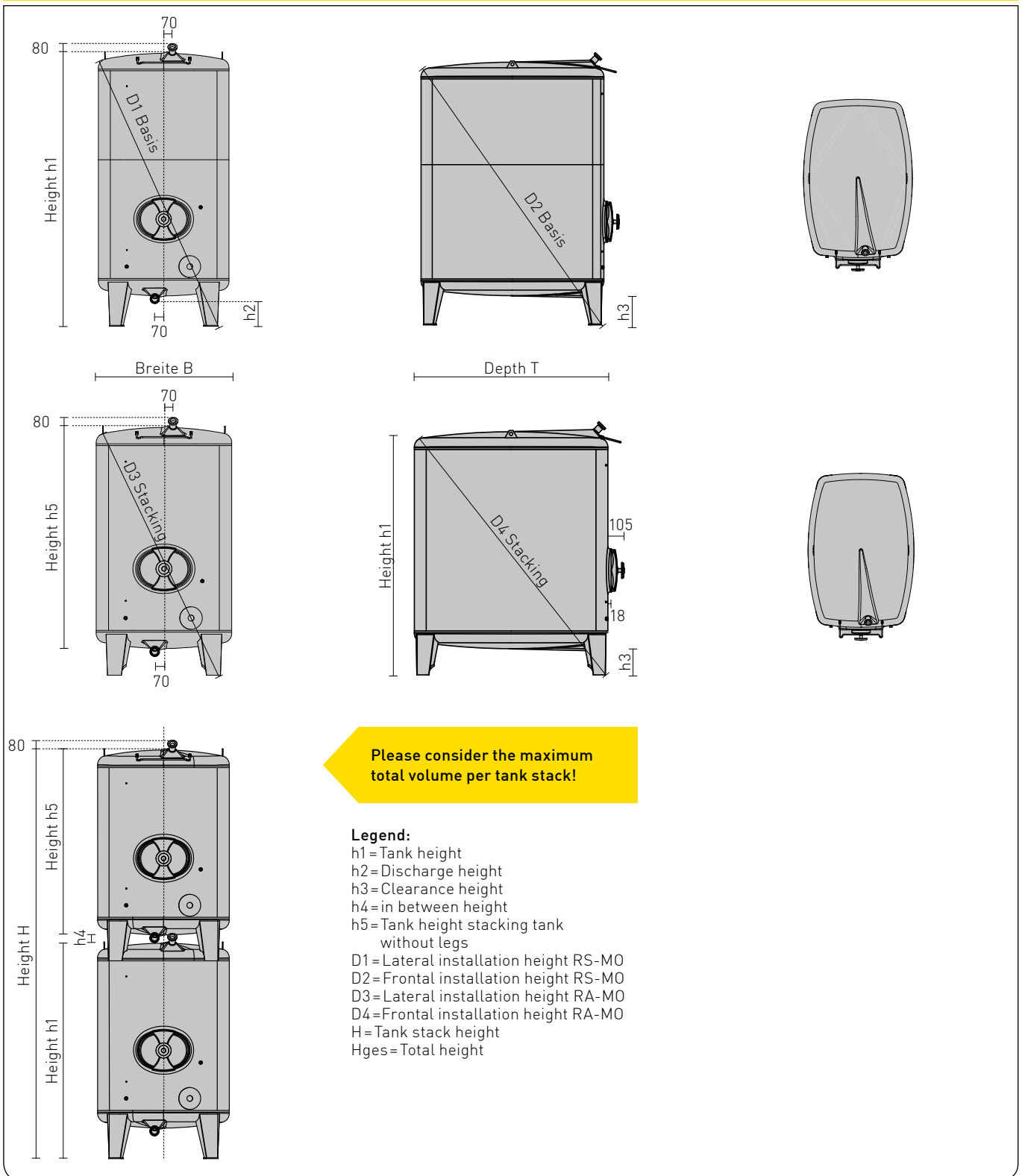
- › Vaulted, stable tank bottom with integrally moulded forward down-slope for complete draining with moulded connection neck, inhibiting suction effect with bottom outlet neck NW50 DIN 11851



## SET-UP EXAMPLE FOR RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO

	Item	Order No.
	<b>Rectangular base tank RS-MO-110-2300 litres</b>	
	<ul style="list-style-type: none"> <li>› h1 = approx. 1,797 mm</li> <li>› Standard equipment as on page 53</li> </ul>	RS-MO-110-2300
	<b>Rectangular stacking tank RA-MO-110-2300 litres</b>	
	<ul style="list-style-type: none"> <li>› h5 = 1,548 mm, H = 1.797 (h1) + 70 (h4) + 1,548 (h5) = 3,415 mm,</li> <li>Hges = 3,415 (H) + 80 (connection) + approx. 100 (height compensation) = approx. 3,595 mm</li> <li>› Standard equipment as on page 53</li> </ul>	RA-MO-110-2300
	<b>Sampling (page 137)</b>	
	› With sampling tap NW 10 DIN 11851	64949
	<b>Racking outlet (page 133)</b>	
	<ul style="list-style-type: none"> <li>› Welded gland with thread NW50 DIN 11851</li> <li>› With disc valve NW50 DIN 11851</li> </ul>	KA-120D 64945
	<b>Fill level (page 138)</b>	
	› Fill level indicator NW 10 mounted	FS-130H
	<b>Bottom outlet (page 133)</b>	
	<ul style="list-style-type: none"> <li>› With yeast plug</li> <li>› With disc valve NW50 DIN 11851</li> </ul>	HS-100A 64945
	<b>Temperature measurement (page 140)</b>	
	<ul style="list-style-type: none"> <li>› Bi-metal dial thermometer ø 100 mm, measuring range - 20 °C to + 60 °C</li> <li>› Screwed sleeve for thermometer length = 125 mm</li> </ul>	TM-140C
	<b>Heating and cooling jacket for base tank (page 104)</b>	
	<ul style="list-style-type: none"> <li>› Double jacket C5 1,3 m<sup>2</sup> with welded gland G 1" for connection to available warm water / cold water source</li> <li>› Version 1, layout 50, connection position C5</li> </ul>	1C5
	<b>Heating and cooling jacket for stacking tank (page 104)</b>	
	<ul style="list-style-type: none"> <li>› Double jacket C5 1,3 m<sup>2</sup> with welded gland G 1" for connection to available warm water / cold water source</li> <li>› Version 1, layout 50, connection position C5</li> </ul>	1C5
	<b>Adjustable feet (page 142)</b>	
	› With adjustable feet for tank legs (H = + approx. 100 mm)	46126

**DIMENSIONS OF RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO**



**Intermediate sizes available**

In case of 900x1,400mm tank a 10mm shell height equates to= 11.5 litres tank volume  
 In case of 1,100x1,600mm tank a 10mm shell height equates to = 16.1 litres tank volume  
 In case of 1,300x1,800mm tank a 10mm shell height equates to = 21.0 litres tank volume  
 In case of 1,500x2,000mm tank a 10mm shell height equates to = 26.5 litres tank volume

**Pricing for intermediate sizes**

for intermediate sizes the price of the next larger size will apply (plus customization costs)

**Option: Tank contact parts**

**made of AISI 316 stainless steel**  
 Surface IIId (2R), marbled outside  
 on special request

**Brushed outer finish**

on special request

**Larger tanks on request**

**RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO: TANK CROSS SECTION 900X1,400MM**

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
950	900	1,400	1,164	230	255	1,405	1,790	75	903	1,375	1,765	*	RS-MO-090-0950	RA-MO-090-0950
1,100	900	1,400	1,289	230	255	1,510	1,870	75	1,028	1,480	1,845	*	RS-MO-090-1100	RA-MO-090-1100
1,400	900	1,400	1,539	230	255	1,725	2,045	75	1,278	1,690	2,020	*	RS-MO-090-1400	RA-MO-090-1400
1,650	900	1,400	1,789	230	255	1,950	2,240	75	1,528	1,915	2,205	*	RS-MO-090-1650	RA-MO-090-1650
1,950	900	1,400	2,039	230	255	2,180	2,440	75	1,778	2,145	2,410	*	RS-MO-090-1950	RA-MO-090-1950
2,250	900	1,400	2,289	230	255	2,415	2,650	75	2,028	2,380	2,615	*	RS-MO-090-2250	RA-MO-090-2250
2,500	900	1,400	2,539	230	255	2,655	2,865	75	2,278	2,615	2,835	*	RS-MO-090-2500	RA-MO-090-2500
2,800	900	1,400	2,789	230	255	2,895	3,090	75	2,528	2,855	3,055	*	RS-MO-090-2800	RA-MO-090-2800
3,100	900	1,400	3,039	230	255	3,135	3,313	75	-	-	-	-	RS-MO-090-3100	-

Tank cross section 900x1,400mm; maximum total volume per tank stack 4,000 litres

**RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO: TANK CROSS SECTION 1,100X1,600MM**

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	1,100	1,600	1,297	230	245	1,610	2,015	70	1,048	1,580	1,990	*	RS-MO-110-1500	RA-MO-110-1500
1,900	1,100	1,600	1,547	230	245	1,810	2,175	70	1,298	1,780	2,150	*	RS-MO-110-1900	RA-MO-110-1900
2,300	1,100	1,600	1,797	230	245	2,025	2,355	70	1,548	1,990	2,330	*	RS-MO-110-2300	RA-MO-110-2300
2,700	1,100	1,600	2,047	230	245	2,245	2,545	70	1,798	2,210	2,515	*	RS-MO-110-2700	RA-MO-110-2700
3,100	1,100	1,600	2,297	230	245	2,475	2,750	70	-	-	-	-	RS-MO-110-3100	-
3,500	1,100	1,600	2,547	230	245	2,705	2,960	70	-	-	-	-	RS-MO-110-3500	-
3,900	1,100	1,600	2,797	230	245	2,940	3,175	70	-	-	-	-	RS-MO-110-3900	-
4,300	1,100	1,600	3,047	230	245	3,180	3,395	70	-	-	-	-	RS-MO-110-4300	-

Tank cross section 1,100x1,600mm; maximum total volume per tank stack 5,000 litres

**RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO: TANK CROSS SECTION 1,300X1,800MM**

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
2,000	1,300	1,800	1,310	195	235	1,720	2,165	90	1,074	1,715	2,160	*	RS-MO-130-2000	RA-MO-130-2000
2,500	1,300	1,800	1,560	195	235	1,905	2,315	90	1,324	1,905	2,315	*	RS-MO-130-2500	RA-MO-130-2500
3,000	1,300	1,800	1,810	195	235	2,110	2,480	90	1,574	2,110	2,480	*	RS-MO-130-3000	RA-MO-130-3000
3,500	1,300	1,800	2,060	195	235	2,325	2,665	90	1,824	2,325	2,665	*	RS-MO-130-3500	RA-MO-130-3500
4,000	1,300	1,800	2,310	195	235	2,540	2,855	90	2,074	2,540	2,855	*	RS-MO-130-4000	RA-MO-130-4000
4,500	1,300	1,800	2,560	195	235	2,765	3,060	90	-	-	-	-	RS-MO-130-4500	-
5,000	1,300	1,800	2,810	195	235	2,995	3,265	90	-	-	-	-	RS-MO-130-5000	-
5,600	1,300	1,800	3,060	195	235	3,230	3,480	90	-	-	-	-	RS-MO-130-5600	-

Tank cross section 1,300x1,800mm; maximum total volume per tank stack 7,000 litres

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

**RECTANGULAR BASE TANK RS-MO/STACKING TANK RA-MO: TANK CROSS SECTION 1,500X2,000 MM**

Capacity litres	B mm	T mm	h1 mm	h2 mm	h3 mm	D1 mm	D2 mm	h4 mm	h5 mm	D3 mm	D4 mm	H mm	Order No. RS-MO	Order No. RA-MO
2,600	1,500	2,000	1,368	215	250	1,875	2,350	110	1,100	1,890	2,360	*	RS-MO-150-2600	RA-MO-150-2600
3,200	1,500	2,000	1,618	215	250	2,055	2,490	110	1,350	2,070	2,505	*	RS-MO-150-3200	RA-MO-150-3200
3,900	1,500	2,000	1,868	215	250	2,250	2,655	110	1,600	2,270	2,670	*	RS-MO-150-3900	RA-MO-150-3900
4,500	1,500	2,000	2,118	215	250	2,455	2,830	110	1,850	2,475	2,845	*	RS-MO-150-4500	RA-MO-150-4500
5,200	1,500	2,000	2,368	215	250	2,670	3,015	110	2,100	2,690	3,030	*	RS-MO-150-5200	RA-MO-150-5200
5,800	1,500	2,000	2,618	215	250	2,890	3,210	110	2,350	2,905	3,225	*	RS-MO-150-5800	RA-MO-150-5800
6,500	1,500	2,000	2,868	215	250	3,110	3,410	110	-	-	-	-	RS-MO-150-6500	-
7,200	1,500	2,000	3,118	215	250	3,440	3,620	110	-	-	-	-	RS-MO-150-7200	-

Tank cross section 1,500x2,000 mm; maximum total volume per tank stack 10,200 litres

**SLANTED RECTANGULAR TANKS FOR SLANTED CELLAR CEILINGS**

Tank cross section mm	Dimension A mm	Dimension B mm	Nominal volume RS-MO / RA-MO minus	Order No.
900x1,400	650	490	130 litres	OB 040Q
1,100x1,600	750	600	160 litres	OB 040Q
1,300x1,800	850	713	210 litres	OB 040Q
1,500x2,000	950	847	260 litres	OB 040Q

(not possible with base tank for tank stacks)

**Perfect use  
of space!**

