



» Storage tank BD

The storage tank BD is completely made of AISI 304. Therefore it is often used to store and mature spirits. It is, however, also ideally suited for the storage of smaller quantities of fully fermented beverages.

The BD is robust and long-lasting. The tank's resistant walls, its excellent finish and stability are typical for Speidel's characteristic quality.



APPLICATION RANGE

- | | |
|--------------|-----------------------|
| › Storage | Ideal for |
| › Maturation | › Spirits |
| | › Fermented beverages |

STANDARD EQUIPMENT STORAGE TANK BD

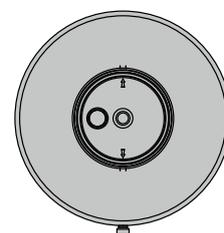
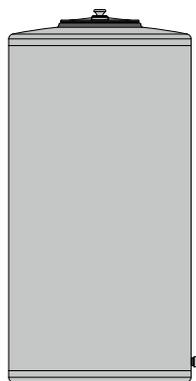
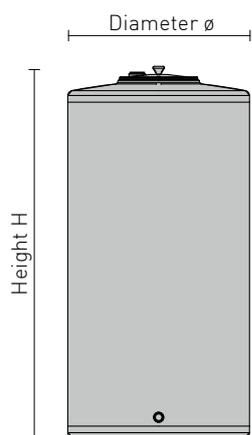
- › AISI 304 stainless steel, surface IIIId (2R), marbled outside
- › Vaulted tank top, with filling dome 220 mm

- › Lid with drilled hole \varnothing 38 mm and removable plastic blank cap to hold the fermentation lock with bung
- › Flat tank bottom

RACKING OUTLET

- › Up to 240 litres capacity internal thread G 3/4" (BSP) with plastic blank cap
- › From 320 litres capacity upwards external thread G 1" (BSP) with plastic blank cap

DIMENSIONS OF STORAGE TANK BD



Capacity
litres

100
240
320

ø
mm

440
550
630

H
mm

758
1,141
1,153

Order No.

BD-044-100
BD-055-240
BD-063-320



» Storage tank FD

The storage tank FD is entirely made of AISI 304, too. In contrast to storage tank BD, the FD is equipped with welded-on stainless steel legs and an additional bottom outlet.

The FD's bottom and top are both vaulted. This is why it stands on three legs, thus allowing easy operation. The FD is available for capacities up to 625 litres.



APPLICATION RANGE

- | | |
|--------------|-----------------------|
| › Storage | Ideal for |
| › Maturation | › Spirits |
| | › Fermented beverages |

STANDARD EQUIPMENT STORAGE TANK FD

- › AISI 304 stainless steel, surface III d (2R), marbled outside
- › Vaulted tank top and bottom
- › Filling dome in tank top 220 mm
- › Lid with drilled hole \varnothing 38 mm and removable plastic blank cap to hold fermentation lock and bung
- › Standing on three legs

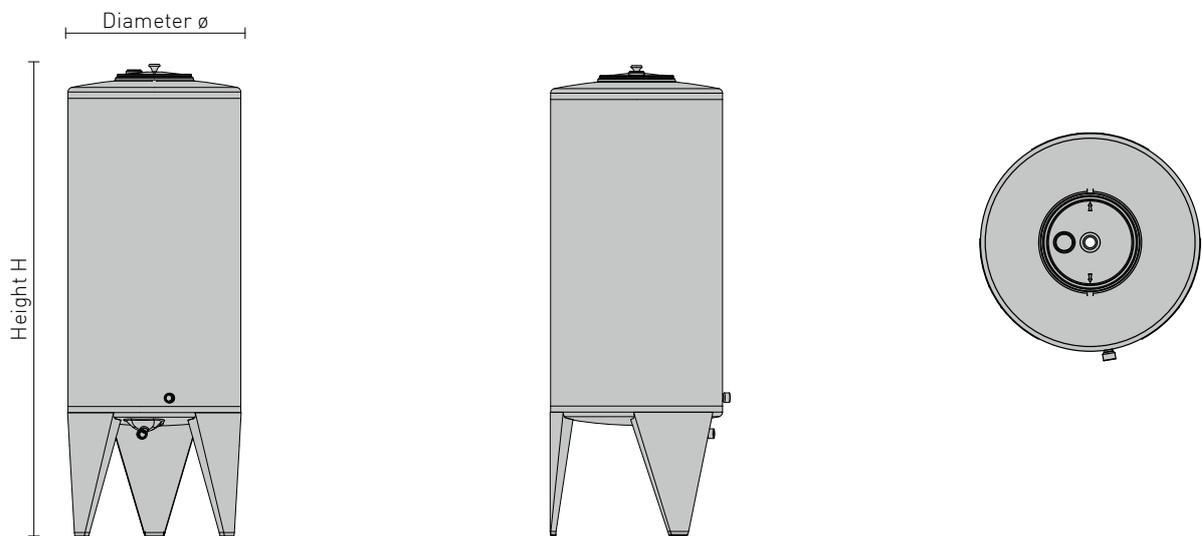
RACKING OUTLET

- › Up to 240 litres capacity internal thread G 3/4" (BSP) with plastic blank cap
- › From 330 litres capacity upwards external thread G 1" (BSP) with plastic blank cap

BOTTOM OUTLET

- › Up to 240 litres capacity bottom outlet neck internal thread G 3/4" (BSP) with plastic blank cap
- › From 330 litres capacity upwards bottom outlet neck external thread G 1" (BSP) with plastic blank cap

DIMENSIONS OF STORAGE TANK FD



Capacity
litres

100
240
330
525
625

Ø
mm

440
550
630
820
820

H
mm

1,141
1,524
1,538
1,466
1,661

Order No.

FD-044-100
FD-055-240
FD-063-330
FD-082-525
FD-082-625



» Fermentation and storage tank base tank FS-M0 stacking tank AS-M0

The FS-M0 base tank is a typical, round, upright standing fermentation and storage tank made of high quality stainless steel. Together with the corresponding stacking tank AS-M0, the FS-M0 has been satisfying our clients for decades. Being the all-rounders they are, both tanks can be used for almost all kinds of applications and processes in the production of wine and beverages, whether it is about storage, fermentation or maturation.

Our tanks live up to their promises: they all have perfect weld seams, an accurately sealing manhole and are all easy to clean. By default the tank top is made of AISI 316.

If you don't need to stack immediately: no problem! The base tank can be extended with a stacking tank also at a later date. Provided that the maximum total volume per stack is not exceeded, the two tanks can be combined without problems even when they are different sizes [see page 32].



APPLICATION RANGE

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

STANDARD EQUIPMENT BASE TANK FS-MO/STACKING TANK AS-MO

- › 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
- › From tank- \varnothing of 1,000 mm upwards with lifting lugs
- › Tanks from 2,000 mm tank height upwards and stacking tanks 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 78x1/6"
- › Free-standing base tank on three welded-on legs
- › Stacking tank with three welded-on stacking legs

SAMPLING

- › Weld-on thread NW 10 DIN 11851 with sealing cap (for the installation of sampling tap)

MANHOLE

- › Stable manhole neck seamlessly moulded from the tank shell
- › Up to 320 litres capacity 320x250 mm
- › From 525 litres capacity upwards 420x320 mm
- › Door with butterfly bow and hand wheel

RACKING OUTLET

- › Plain surface with drilled hole \varnothing 48 mm (to hold flap valve Gr. 37 or weld-on thread NW40, NW50 DIN 11851)
- › Up to 320 litres capacity fixed racking outlet plain surface
- › From 525 litres capacity upwards with welded-on reinforcing plate

FILL LEVEL

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

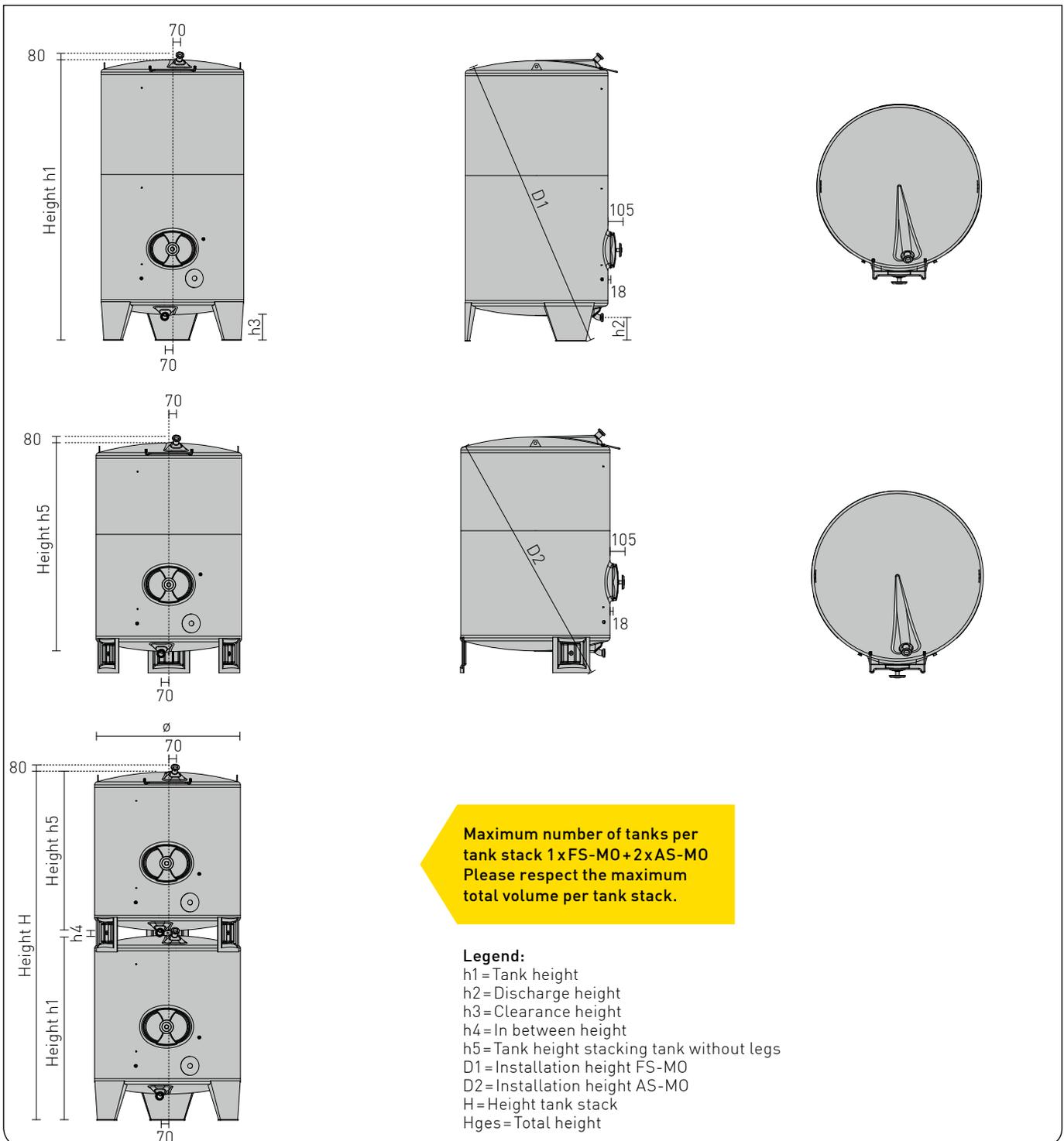
BOTTOM OUTLET

- › Vaulted, stable tank bottom with integrally moulded forward down-slope for complete draining with moulded connection neck, impeding suction effect with bottom outlet neck
- › Up to 820 mm \varnothing NW40 DIN 11851
- › From 1.000 mm \varnothing NW50 DIN 11851



SET-UP EXAMPLE FOR BASE TANK FS-MO/STACKING TANK AS-MO

| Item | Order No. |
|---|----------------|
|  <p>Base tank FS-MO-120-1000 litres > h1 = approx. 1,267 mm > Standard equipment as on page 29</p> | FS-MO-120-1000 |
|  <p>Stacking tank AS-MO-120-2000 litres > h5 = 1,916 mm, H = 1,267 (h1) + 60 (h4) + 1916 (h5) = 3,243 mm, Hges = 3,243 (H), 80 (connection) + approx. 100 (height compensation) = approx. 3.423 mm > Standard equipment as on page 29</p> | AS-MO-100-2000 |
|  <p>Sampling (page 174) > With sampling tap NW 10 DIN 11851</p> | 64949 |
|  <p>Racking outlet (page 170) > With mounted flap valve Gr. 37</p> | KA-120I |
|  <p>Fill level indicator (page 175) > Mounted fill level indicator NW 10</p> | FS-130H |
|  <p>Bottom outlet (page 170) > With butterfly valve NW 50 DIN 11851</p> | 64945 |
|  <p>Temperature measurement (page 177) > Bi-metal dial thermometer \varnothing 100 mm, measuring range -20°C to +60°C > Screwed sleeve for thermometer length = 125 mm</p> | TM-140C |
|  <p>Heating and cooling jacket for base tank (page 136) > Double jacket A2 1,3m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 15, connection position A1</p> | 1A1 |
|  <p>Heating and cooling jacket for stacking tank (page 136) > Double jacket A2 1,3m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, Layout 15, connection position A1</p> | 1A1 |
|  <p>Adjustable feet (page 183) > With adjustable feet for tank legs (H = + approx. 100 mm)</p> | 46127 |

DIMENSIONS BASE TANK FS1-M0, FS-M0/STACKING TANK AS1-M0, AS-M0

Intermediate sizes available

In case of 820 mm \varnothing a 10 mm shell height equates to= 5,30 litres tank volume
 In case of 1,000 mm \varnothing a 10 mm shell height equates to= 7,80 litres tank volume
 In case of 1,200 mm \varnothing a 10 mm shell height equates to= 11,30 litres tank volume
 In case of 1,400 mm \varnothing a 10 mm shell height equates to= 15,30 litres tank volume
 In case of 1,600 mm \varnothing a 10 mm shell height equates to= 20,00 litres tank volume
 In case of 1,800 mm \varnothing a 10 mm shell height equates to= 25,30 litres tank volume
 In case of 2,000 mm \varnothing a 10 mm shell height equates to= 31,20 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 III d (2R), marbled outside
 on special request

Brushed outer finish

on special request

BASE TANK FS1-MO, FS-MO/STACKING TANK AS1-MO, AS-MO: TANK Ø 820 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. Tank 1 FS-MO | Order No. Tank 2-3 AS-MO |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|---------------------------|-----------------------------|
| 320 | 820 | 914 | 205 | 230 | 84 | 684 | 1,075 | 1,100 | * | FS1-MO-082-0320 | AS1-MO-082-0320 |
| 525 | 820 | 1.314 | 205 | 230 | 84 | 1,089 | 1,516 | 1,523 | * | FS- MO-082-0525 | AS- MO-082-0525 |
| 625 | 820 | 1.509 | 205 | 230 | 84 | 1,284 | 1,693 | 1,696 | * | FS- MO-082-0625 | AS- MO-082-0625 |
| 750 | 820 | 1.772 | 205 | 230 | 84 | 1,547 | 1,937 | 1,940 | * | FS- MO-082-0750 | AS- MO-082-0750 |
| 1,000 | 820 | 2.258 | 205 | 230 | 84 | - | 2,403 | - | - | FS- MO-082-1000 | - |

Tank-Ø 820mm; maximum total volume per tank stack 1,265 litres

BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 1,000 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. Tank 1 FS-MO | Order No. Tank 2-3 AS-MO |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|---------------------------|-----------------------------|
| 650 | 1,000 | 1,205 | 210 | 239 | 115 | 966 | 1,438 | 1,460 | * | FS-MO-100- 0650 | AS-MO-100-0650 |
| 850 | 1,000 | 1,455 | 210 | 239 | 115 | 1,216 | 1,645 | 1,665 | * | FS-MO-100- 0850 | AS-MO-100-0850 |
| 1,050 | 1,000 | 1,705 | 210 | 239 | 115 | 1,466 | 1,863 | 1,882 | * | FS-MO-100- 1050 | AS-MO-100-1050 |
| 1,250 | 1,000 | 1,955 | 210 | 239 | 115 | 1,716 | 2,088 | 2,106 | * | FS-MO-100- 1250 | AS-MO-100-1250 |
| 1,400 | 1,000 | 2,193 | 210 | 239 | 115 | - | 2,307 | - | - | FS-MO-100- 1400 | - |
| 1,550 | 1,000 | 2,318 | 210 | 239 | 115 | - | 2,424 | - | - | FS-MO-100- 1550 | - |
| 1,800 | 1,000 | 2,693 | 210 | 239 | 115 | - | 2,778 | - | - | FS-MO-100- 1800 | - |
| 2,000 | 1,000 | 2,943 | 210 | 239 | 115 | - | 3,017 | - | - | FS-MO-100- 2000 | - |
| 2,200 | 1,000 | 3,193 | 210 | 239 | 115 | - | 3,257 | - | - | FS-MO-100- 2200 | - |
| 2,350 | 1,000 | 3,443 | 210 | 239 | 115 | - | 3,499 | - | - | FS-MO-100- 2350 | - |
| 2,500 | 1,000 | 3,556 | 210 | 239 | 115 | - | 3,609 | - | - | FS-MO-100- 2500 | - |

Tank-Ø 1,000mm; maximum total volume per tank stack 2,500 litres

BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 1,200 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. Tank 1 FS-MO | Order No. Tank 2-3 AS-MO |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|---------------------------|-----------------------------|
| 1,000 | 1,200 | 1,267 | 230 | 257 | 60 | 1,010 | 1,579 | 1,546 | * | FS-MO-120-1000 | AS-MO-120-1000 |
| 1,300 | 1,200 | 1,517 | 230 | 257 | 60 | 1,260 | 1,775 | 1,739 | * | FS-MO-120-1300 | AS-MO-120-1300 |
| 1,550 | 1,200 | 1,767 | 230 | 257 | 60 | 1,510 | 1,984 | 1,946 | * | FS-MO-120-1550 | AS-MO-120-1550 |
| 1,800 | 1,200 | 2,017 | 230 | 257 | 60 | 1,760 | 2,201 | 2,162 | * | FS-MO-120-1800 | AS-MO-120-1800 |
| 2,000 | 1,200 | 2,173 | 230 | 257 | 60 | 1,916 | 2,329 | 2,300 | * | FS-MO-120-2000 | AS-MO-120-2000 |
| 2,100 | 1,200 | 2,255 | 230 | 257 | 60 | 1998 | 2,414 | 2,375 | * | FS-MO-120-2100 | AS-MO-120-2100 |
| 2,350 | 1,200 | 2,505 | 230 | 257 | 60 | - | 2,642 | - | - | FS-MO-120-2350 | - |
| 2,500 | 1,200 | 2,630 | 230 | 257 | 60 | - | 2,758 | - | - | FS-MO-120-2500 | - |
| 2,650 | 1,200 | 2,755 | 230 | 257 | 60 | - | 2,874 | - | - | FS-MO-120-2650 | - |
| 3,000 | 1,200 | 3,087 | 230 | 257 | 60 | - | 3,186 | - | - | FS-MO-120-3000 | - |
| 3,200 | 1,200 | 3,255 | 230 | 257 | 60 | - | 3,346 | - | - | FS-MO-120-3200 | - |
| 3,500 | 1,200 | 3,505 | 230 | 257 | 60 | - | 3,584 | - | - | FS-MO-120-3500 | - |
| 3,750 | 1,200 | 3,743 | 230 | 257 | 60 | - | 3,813 | - | - | FS-MO-120-3750 | - |
| 4,000 | 1,200 | 3,993 | 230 | 257 | 60 | - | 4,054 | - | - | FS-MO-120-4000 | - |
| 4,300 | 1,200 | 4,243 | 230 | 257 | 60 | - | 4,297 | - | - | FS-MO-120-4300 | - |
| 4,600 | 1,200 | 4,493 | 230 | 257 | 60 | - | 4,540 | - | - | FS-MO-120-4600 | - |

Tank-Ø 1,200mm; maximum total volume per tank stack 3,400 litres

BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 1,400 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. | |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------------|----------------|
| | | | | | | | | | | Tank 1 FS-MO | Tank 2-3 AS-MO |
| 1,400 | 1,400 | 1,293 | 240 | 248 | 40 | 1,042 | 1,711 | 1,756 | * | FS-MO-140-1400 | AS-MO-140-1400 |
| 1,750 | 1,400 | 1,543 | 240 | 248 | 40 | 1,292 | 1,894 | 1,928 | * | FS-MO-140-1750 | AS-MO-140-1750 |
| 2,150 | 1,400 | 1,793 | 240 | 248 | 40 | 1,542 | 2,092 | 2,117 | * | FS-MO-140-2150 | AS-MO-140-2150 |
| 2,500 | 1,400 | 2,043 | 240 | 248 | 40 | 1,792 | 2,300 | 2,317 | * | FS-MO-140-2500 | AS-MO-140-2500 |
| 2,850 | 1,400 | 2,281 | 240 | 248 | 40 | 2,030 | 2,505 | 2,516 | * | FS-MO-140-2850 | AS-MO-140-2850 |
| 3,000 | 1,400 | 2,373 | 240 | 248 | 40 | 2,122 | 2,586 | 2,595 | * | FS-MO-140-3000 | AS-MO-140-3000 |
| 3,200 | 1,400 | 2,531 | 240 | 248 | 40 | - | 2,726 | - | - | FS-MO-140-3200 | - |
| 3,600 | 1,400 | 2,781 | 240 | 248 | 40 | - | 2,952 | - | - | FS-MO-140-3600 | - |
| 4,000 | 1,400 | 3,031 | 240 | 248 | 40 | - | 3,181 | - | - | FS-MO-140-4000 | - |
| 4,400 | 1,400 | 3,281 | 240 | 248 | 40 | - | 3,414 | - | - | FS-MO-140-4400 | - |
| 4,750 | 1,400 | 3,531 | 240 | 248 | 40 | - | 3,648 | - | - | FS-MO-140-4750 | - |
| 5,100 | 1,400 | 3,769 | 240 | 248 | 40 | - | 3,874 | - | - | FS-MO-140-5100 | - |
| 5,500 | 1,400 | 4,019 | 240 | 248 | 40 | - | 4,112 | - | - | FS-MO-140-5500 | - |
| 5,850 | 1,400 | 4,269 | 240 | 248 | 40 | - | 4,351 | - | - | FS-MO-140-5850 | - |
| 6,300 | 1,400 | 4,519 | 240 | 248 | 40 | - | 4,592 | - | - | FS-MO-140-6300 | - |
| 6,700 | 1,400 | 4,769 | 240 | 248 | 40 | - | 4,833 | - | - | FS-MO-140-6700 | - |

Tank-Ø 1,400 mm; maximum total volume per tank stack 4.400 litres

BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 1,600 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. | |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|-----------------|----------------|
| | | | | | | | | | | Tank 1 FS-MO | Tank 2-3 AS-MO |
| 1,800 | 1,600 | 1,347 | 225 | 256 | 70 | 1,086 | 1,848 | 1,840 | * | FS-MO-160-1800 | AS-MO-160-1800 |
| 2,300 | 1,600 | 1,597 | 225 | 256 | 70 | 1,336 | 2,023 | 2,015 | * | FS-MO-160-2300 | AS-MO-160-2300 |
| 2,800 | 1,600 | 1,847 | 225 | 256 | 70 | 1,586 | 2,212 | 2,205 | * | FS-MO-160-2800 | AS-MO-160-2800 |
| 3,300 | 1,600 | 2,097 | 225 | 256 | 70 | 1,836 | 2,413 | 2,406 | * | FS-MO-160-3300 | AS-MO-160-3300 |
| 3,800 | 1,600 | 2,335 | 225 | 256 | 70 | 2,074 | 2,612 | 2,605 | * | FS-MO-160-3800 | AS-MO-160-3800 |
| 4,200 | 1,600 | 2,585 | 225 | 256 | 70 | 2,324 | 2,827 | 2,822 | * | FS-MO-160-4200 | AS-MO-160-4200 |
| 4,800 | 1,600 | 2,835 | 225 | 256 | 70 | 2,574 | 3,048 | 3,043 | * | FS-MO-160-4800 | AS-MO-160-4800 |
| 5,200 | 1,600 | 3,085 | 225 | 256 | 70 | - | 3,273 | - | - | FS-MO-160-5200 | - |
| 5,800 | 1,600 | 3,335 | 225 | 256 | 70 | - | 3,501 | - | - | FS-MO-160-5800 | - |
| 6,200 | 1,600 | 3,585 | 225 | 256 | 70 | - | 3,733 | - | - | FS-MO-160-6200 | - |
| 6,700 | 1,600 | 3,823 | 225 | 256 | 70 | - | 3,955 | - | - | FS-MO-160-6700 | - |
| 7,200 | 1,600 | 4,073 | 225 | 256 | 70 | - | 4,190 | - | - | FS-MO-160-7200 | - |
| 7,700 | 1,600 | 4,323 | 225 | 256 | 70 | - | 4,427 | - | - | FS-MO-160-7700 | - |
| 8,200 | 1,600 | 4,573 | 225 | 256 | 70 | - | 4,665 | - | - | FS-MO-160-8200 | - |
| 8,700 | 1,600 | 4,823 | 225 | 256 | 70 | - | 4,905 | - | - | FS-MO-160-8700 | - |
| 9,200 | 1,600 | 5,073 | 225 | 256 | 70 | - | 5,145 | - | - | FS-MO-160-9200 | - |
| 9,700 | 1,600 | 5,311 | 225 | 256 | 70 | - | 5,375 | - | - | FS-MO-160-9700 | - |
| 10,000 | 1,600 | 5,561 | 225 | 256 | 70 | - | 5,617 | - | - | FS-MO-160-10000 | - |

Tank-Ø 1,600 mm; maximum total volume per tank stack 10,000 litres

Since the legs of the stacking tank are welded with the top of the base tank only the entire tank stack can be purchased.

This way, the size h1 increases by 35mm and size D1 by 170mm.

Up to 6,200 litres capacity with standard legs, from 6,700 litres upwards with boxed, closed legs.

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

BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 1,800 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h3 mm | h4 mm | h5 mm | D1 mm | D2 mm | H mm | Order No. | |
|--------------------|---------|----------|----------|----------|----------|----------|----------|----------|---------|-----------------|----------------|
| | | | | | | | | | | Tank 1 FS-MO | Tank 2-3 AS-MO |
| 2,400 | 1,800 | 1,369 | 225 | 259 | 70 | 1,110 | 2,007 | 2,006 | * | FS-MO-180-2400 | AS-MO-180-2400 |
| 3,000 | 1,800 | 1,619 | 225 | 259 | 70 | 1,360 | 2,171 | 2,168 | * | FS-MO-180-3000 | AS-MO-180-3000 |
| 3,600 | 1,800 | 1,869 | 225 | 259 | 70 | 1,610 | 2,350 | 2,346 | * | FS-MO-180-3600 | AS-MO-180-3600 |
| 4,200 | 1,800 | 2,119 | 225 | 259 | 70 | 1,860 | 2,541 | 2,536 | * | FS-MO-180-4200 | AS-MO-180-4200 |
| 4,800 | 1,800 | 2,357 | 225 | 259 | 70 | 2,098 | 2,732 | 2,726 | * | FS-MO-180-4800 | AS-MO-180-4800 |
| 5,500 | 1,800 | 2,607 | 225 | 259 | 70 | 2,348 | 2,940 | 2,933 | * | FS-MO-180-5500 | AS-MO-180-5500 |
| 6,100 | 1,800 | 2,857 | 225 | 259 | 70 | 2,598 | 3,154 | 3,147 | * | FS-MO-180-6100 | AS-MO-180-6100 |
| 6,700 | 1,800 | 3,107 | 225 | 259 | 70 | 2,848 | 3,373 | 3,366 | * | FS-MO-180-6700 | AS-MO-180-6700 |
| 7,300 | 1,800 | 3,357 | 225 | 259 | 70 | 3,098 | 3,596 | 3,588 | * | FS-MO-180-7300 | AS-MO-180-7300 |
| 8,000 | 1,800 | 3,607 | 225 | 259 | 70 | 3,348 | 3,823 | 3,815 | * | FS-MO-180-8000 | AS-MO-180-8000 |
| 8,500 | 1,800 | 3,845 | 225 | 259 | 70 | 3,586 | 4,041 | 4,032 | * | FS-MO-180-8500 | AS-MO-180-8500 |
| 9,200 | 1,800 | 4,095 | 225 | 259 | 70 | 3,836 | 4,272 | 4,264 | * | FS-MO-180-9200 | AS-MO-180-9200 |
| 9,800 | 1,800 | 4,345 | 225 | 259 | 70 | 4,086 | 4,506 | 4,497 | * | FS-MO-180-9800 | AS-MO-180-9800 |
| 10,400 | 1,800 | 4,595 | 225 | 259 | 70 | - | 4,741 | - | - | FS-MO-180-10400 | - |
| 11,000 | 1,800 | 4,845 | 225 | 259 | 70 | - | 4,977 | - | - | FS-MO-180-11000 | - |
| 11,600 | 1,800 | 5,095 | 225 | 259 | 70 | - | 5,215 | - | - | FS-MO-180-11600 | - |
| 12,200 | 1,800 | 5,333 | 225 | 259 | 70 | - | 5,443 | - | - | FS-MO-180-12200 | - |
| 12,800 | 1,800 | 5,583 | 225 | 259 | 70 | - | 5,682 | - | - | FS-MO-180-12800 | - |
| 13,500 | 1,800 | 5,833 | 225 | 259 | 70 | - | 5,923 | - | - | FS-MO-180-13500 | - |
| 14,000 | 1,800 | 6,083 | 225 | 259 | 70 | - | 6,164 | - | - | FS-MO-180-14000 | - |
| 14,700 | 1,800 | 6,333 | 225 | 259 | 70 | - | 6,407 | - | - | FS-MO-180-14700 | - |
| 15,300 | 1,800 | 6,583 | 225 | 259 | 70 | - | 6,649 | - | - | FS-MO-180-15300 | - |

Tank-Ø 1.800 mm; maximum total volume per tank stack 12,500 litres

Since the legs of the stacking tank are welded with the top of the base tank only the entire tank stack can be purchased.

This way, the size h1 increases by 30mm and size D1 by 180mm.

Up to 8,000litres capacity with standard legs, from 8,500litres upwards with boxed, closed legs.



BASE TANK FS-MO/STACKING TANK AS-MO: TANK Ø 2,000 MM

| Capacity | Ø | h1 | h2 | h3 | h4 | h5 | D1 | D2 | H | Order No. | Order No. |
|----------|-------|-------|-----|-----|-----|-------|-------|-------|----|-----------------|-----------------|
| litres | mm | mm | mm | mm | mm | mm | mm | mm | mm | Tank 1 FS-MO | Tank 2-3 AS-MO |
| 3,000 | 2,000 | 1,428 | 225 | 260 | 100 | 1,168 | 2,148 | 2,237 | * | FS-MO-200-3000 | AS-MO-200-3000 |
| 3,800 | 2,000 | 1,678 | 225 | 260 | 100 | 1,418 | 2,305 | 2,393 | * | FS-MO-200-3800 | AS-MO-200-3800 |
| 4,600 | 2,000 | 1,928 | 225 | 260 | 100 | 1,668 | 2,478 | 2,564 | * | FS-MO-200-4600 | AS-MO-200-4600 |
| 5,300 | 2,000 | 2,178 | 225 | 260 | 100 | 1,918 | 2,663 | 2,747 | * | FS-MO-200-5300 | AS-MO-200-5300 |
| 6,100 | 2,000 | 2,416 | 225 | 260 | 100 | 2,156 | 2,849 | 2,931 | * | FS-MO-200-6100 | AS-MO-200-6100 |
| 6,800 | 2,000 | 2,666 | 225 | 260 | 100 | 2,406 | 3,052 | 3,132 | * | FS-MO-200-6800 | AS-MO-200-6800 |
| 7,600 | 2,000 | 2,916 | 225 | 260 | 100 | 2,656 | 3,261 | 3,340 | * | FS-MO-200-7600 | AS-MO-200-7600 |
| 8,400 | 2,000 | 3,166 | 225 | 260 | 100 | 2,906 | 3,476 | 3,553 | * | FS-MO-200-8400 | AS-MO-200-8400 |
| 9,200 | 2,000 | 3,416 | 225 | 260 | 100 | 3,156 | 3,695 | 3,771 | * | FS-MO-200-9200 | AS-MO-200-9200 |
| 10,000 | 2,000 | 3,666 | 225 | 260 | 100 | 3,406 | 3,918 | 3,992 | * | FS-MO-200-10000 | AS-MO-200-10000 |
| 10,600 | 2,000 | 3,904 | 225 | 260 | 100 | - | 4,133 | - | - | FS-MO-200-10600 | - |
| 11,400 | 2,000 | 4,154 | 225 | 260 | 100 | - | 4,362 | - | - | FS-MO-200-11400 | - |
| 12,200 | 2,000 | 4,404 | 225 | 260 | 100 | - | 4,592 | - | - | FS-MO-200-12200 | - |
| 13,000 | 2,000 | 4,654 | 225 | 260 | 100 | - | 4,825 | - | - | FS-MO-200-13000 | - |
| 13,700 | 2,000 | 4,904 | 225 | 260 | 100 | - | 5,059 | - | - | FS-MO-200-13700 | - |
| 14,500 | 2,000 | 5,154 | 225 | 260 | 100 | - | 5,295 | - | - | FS-MO-200-14500 | - |
| 15,200 | 2,000 | 5,392 | 225 | 260 | 100 | - | 5,521 | - | - | FS-MO-200-15200 | - |
| 16,000 | 2,000 | 5,642 | 225 | 260 | 100 | - | 5,759 | - | - | FS-MO-200-16000 | - |
| 16,800 | 2,000 | 5,892 | 225 | 260 | 100 | - | 5,998 | - | - | FS-MO-200-16800 | - |
| 17,500 | 2,000 | 6,142 | 225 | 260 | 100 | - | 6,238 | - | - | FS-MO-200-17500 | - |
| 18,300 | 2,000 | 6,392 | 225 | 260 | 100 | - | 6,479 | - | - | FS-MO-200-18300 | - |
| 19,000 | 2,000 | 6,642 | 225 | 260 | 100 | - | 6,720 | - | - | FS-MO-200-19000 | - |
| 20,000 | 2,000 | 6,880 | 225 | 260 | 100 | - | 6,950 | - | - | FS-MO-200-20000 | - |

Tank-Ø 2,000 mm; maximum total volume per tank stack 16,300 litres

Since the legs of the stacking tank are welded with the top of the base tank only the entire tank stack can be purchased.

This way, the size h1 increases by 60mm and size D1 by 220mm.

Up to 10,000 litres capacity with standard legs, from 10,600 litres upwards with boxed, closed legs.

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





» Fermentation and storage tank FS-MO

When it comes to larger tanks over 2,000 mm diameter the renowned Speidel quality is all that counts. And this is not only true for the production of the tanks, but also for the planning, development and installation of large facilities.

Wineries appreciate our elaborate project planning and its smooth realization. We are responsive to our customers' individual needs also when it comes to larger installations. And also after the installation we are always ready to listen to you.



APPLICATION RANGE

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

STANDARD ACCESSORIES FERMENTATION AND STORAGE TANK FS-MO

- › Tank shell and tank bottom made of AISI 304 stainless steel, surface IIIId (2R)/IIlc (2B)
- › Tank top made of AISI 316 stainless steel, surface IIIId (2R)/IIlc (2B)
- › Tank shell and legs marbled outside
- › With lifting lugs and ladder safety bow
- › Vaulted, stable tank top, with filling and vent neck located in top centre, external thread NW50 Rd 78x1/6"
- › Free-standing on welded-on box-shaped legs – perfect stability and force transmission into the tank shell

SAMPLING

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

MANHOLE UP TO Ø 3,000 MM

- › Stable manhole neck seamlessly moulded from the tank shell 420x320mm, door with butterfly bow and hand wheel

MANHOLE FROM Ø 3,200MM UPWARDS

- › Welded stable manhole neck 340x440mm, door with swivelling handle and toggle nut

RACKING OUTLET

- › Reinforcing plate with drilled hole ø 48mm (to hold flap valve Gr. 37 or weld-on thread NW40, NW50 DIN 11851)

FILL LEVEL

- › Weld-on thread NW10 DIN 11851 with sealing cap on tank including fastening points on tank shell (for the installation of fill level indicator)

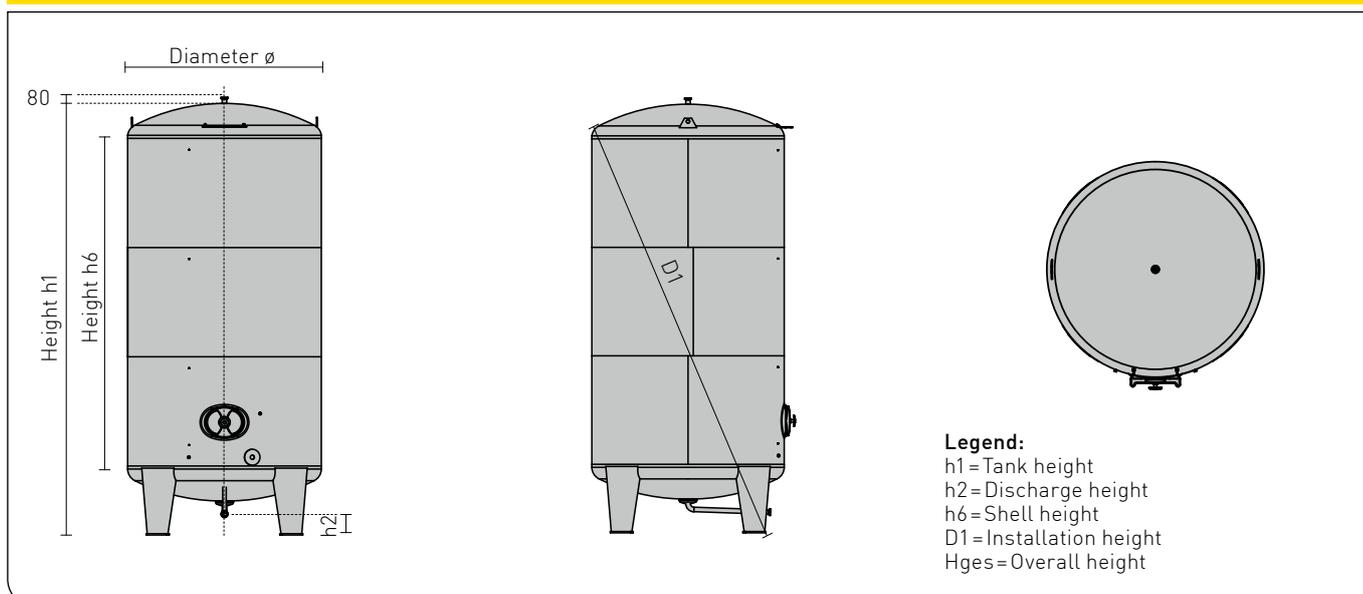
BOTTOM OUTLET

- › Vaulted, stable tank bottom, in bottom centre with forward drawn discharge pipe and outlet with thread NW50 DIN 11851



SET-UP EXAMPLE FOR FERMENTATION AND STORAGE TANK FS-MO

| Item | Order No. |
|--|---------------------------|
|  <p>Base tank FS-MO-240-20000 litres</p> <ul style="list-style-type: none"> > h1 = 5,270 mm, Hges = 5,270 (h1) + 320 (dome) + 150 (cleaning pipe) + approx. 100 (height compensation) = 5,840 mm > Standard equipment as on page 37 | FS-MO-240-20000 |
|  <p>Ventilation/Filling (page 166)</p> <ul style="list-style-type: none"> > Filler neck NW400 in tank top, positioned in upright, forward direction (with welded-on bead), H = +320 mm > Flap lid with filler neck NW50 external thread Rd 78 x 1/6" | OB-040T |
|  <p>Cleaning (page 184)</p> <ul style="list-style-type: none"> > 360° cleaning spray head perforation with clip fastener including cleaning pipe with thread NW40 DIN 11851, H = +150 mm > Spray head NW40 detachable from outside > Disc valve NW40 DIN 11851 | RL-40B RL-41A 61375 |
|  <p>Sampling (page 174)</p> <ul style="list-style-type: none"> > With sampling tap NW 10 DIN 11851 | 64949 |
|  <p>Racking outlet (page 170)</p> <ul style="list-style-type: none"> > Welded gland with thread NW50 DIN 11851 > With disc valve NW50 DIN 11851 | KA-120D 64945 |
|  <p>Fill level (page 175)</p> <ul style="list-style-type: none"> > Fill level indicator NW 10 mounted | FS-130K |
|  <p>Bottom outlet (page 170)</p> <ul style="list-style-type: none"> > With disc valve NW50 DIN | 64945 |
|  <p>Temperature measurement (page 177)</p> <ul style="list-style-type: none"> > Bi-metal dial thermometer ø 100 mm, measuring range -20 °C to +60 °C > Screwed sleeve for thermometer length = 125 mm | TM-140C |
|  <p>Heating und cooling jacket (page 136)</p> <ul style="list-style-type: none"> > Double jacket B7 12,9 m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 75, connection position B7 | 1B7 |
|  <p>Adjustable feet (page 183)</p> <ul style="list-style-type: none"> > With adjustable feet for tank legs (H = + approx. 100 mm) | 46129 |

DIMENSIONS FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 2,200 MM

FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 2,200 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|-----------------|
| 7,400 | 2,200 | 2,690 | 225 | 1,500 | 3,130 | 8x M24 | FS-MO-220- 7400 |
| 8,400 | 2,200 | 2,940 | 225 | 1,750 | 3,330 | 8x M24 | FS-MO-220- 8400 |
| 9,200 | 2,200 | 3,190 | 225 | 2,000 | 3,536 | 8x M24 | FS-MO-220- 9200 |
| 10,200 | 2,200 | 3,440 | 225 | 2,250 | 3,750 | 8x M24 | FS-MO-220-10200 |
| 11,000 | 2,200 | 3,690 | 225 | 2,500 | 3,965 | 8x M24 | FS-MO-220-11000 |
| 12,000 | 2,200 | 3,940 | 225 | 2,750 | 4,185 | 8x M24 | FS-MO-220-12000 |
| 13,000 | 2,200 | 4,190 | 225 | 3,000 | 4,410 | 8x M24 | FS-MO-220-13000 |
| 14,000 | 2,200 | 4,440 | 225 | 3,250 | 4,640 | 8x M24 | FS-MO-220-14000 |
| 15,000 | 2,200 | 4,690 | 225 | 3,500 | 4,875 | 8x M24 | FS-MO-220-15000 |
| 16,000 | 2,200 | 4,940 | 225 | 3,750 | 5,110 | 8x M24 | FS-MO-220-16000 |
| 16,800 | 2,200 | 5,190 | 225 | 4,000 | 5,350 | 8x M24 | FS-MO-220-16800 |
| 17,500 | 2,200 | 5,440 | 225 | 4,250 | 5,590 | 8x M24 | FS-MO-220-17500 |
| 18,500 | 2,200 | 5,690 | 225 | 4,500 | 5,830 | 8x M24 | FS-MO-220-18500 |
| 19,500 | 2,200 | 5,940 | 225 | 4,750 | 6,075 | 8x M24 | FS-MO-220-19500 |
| 20,500 | 2,200 | 6,190 | 225 | 5,000 | 6,320 | 8x M24 | FS-MO-220-20500 |
| 21,500 | 2,200 | 6,440 | 225 | 5,250 | 6,560 | 8x M24 | FS-MO-220-21500 |
| 22,500 | 2,200 | 6,690 | 225 | 5,500 | 6,810 | 8x M24 | FS-MO-220-22500 |
| 23,500 | 2,200 | 6,940 | 225 | 5,750 | 7,055 | 8x M24 | FS-MO-220-23500 |
| 24,500 | 2,200 | 7,190 | 225 | 6,000 | 7,300 | 8x M24 | FS-MO-220-24500 |
| 25,000 | 2,200 | 7,440 | 225 | 6,250 | 7,545 | 8x M24 | FS-MO-220-25000 |

FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 2,400 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|-----------------|
| 8,900 | 2,400 | 2,770 | 225 | 1,500 | 3,285 | 8xM24 | FS-MO-240-8900 |
| 10,000 | 2,400 | 3,020 | 225 | 1,750 | 3,480 | 8xM24 | FS-MO-240-10000 |
| 11,200 | 2,400 | 3,270 | 225 | 2,000 | 3,680 | 8xM24 | FS-MO-240-11200 |
| 12,300 | 2,400 | 3,520 | 225 | 2,250 | 3,890 | 8xM24 | FS-MO-240-12300 |
| 13,500 | 2,400 | 3,770 | 225 | 2,500 | 4,100 | 8xM24 | FS-MO-240-13500 |
| 14,500 | 2,400 | 4,020 | 225 | 2,750 | 4,320 | 8xM24 | FS-MO-240-14500 |
| 15,500 | 2,400 | 4,270 | 225 | 3,000 | 4,540 | 8xM24 | FS-MO-240-15500 |
| 16,500 | 2,400 | 4,520 | 225 | 3,250 | 4,765 | 8xM24 | FS-MO-240-16500 |
| 18,000 | 2,400 | 4,770 | 225 | 3,500 | 4,990 | 8xM24 | FS-MO-240-18000 |
| 19,000 | 2,400 | 5,020 | 225 | 3,750 | 5,225 | 8xM24 | FS-MO-240-19000 |
| 20,000 | 2,400 | 5,270 | 225 | 4,000 | 5,460 | 8xM24 | FS-MO-240-20000 |
| 21,000 | 2,400 | 5,520 | 225 | 4,250 | 5,700 | 8xM24 | FS-MO-240-21000 |
| 22,500 | 2,400 | 5,770 | 225 | 4,500 | 5,940 | 8xM24 | FS-MO-240-22500 |
| 23,500 | 2,400 | 6,020 | 225 | 4,750 | 6,180 | 8xM24 | FS-MO-240-23500 |
| 24,500 | 2,400 | 6,270 | 225 | 5,000 | 6,420 | 8xM24 | FS-MO-240-24500 |
| 25,500 | 2,400 | 6,520 | 225 | 5,250 | 6,665 | 8xM24 | FS-MO-240-25500 |
| 27,000 | 2,400 | 6,770 | 225 | 5,500 | 6,905 | 8xM24 | FS-MO-240-27000 |
| 28,000 | 2,400 | 7,020 | 225 | 5,750 | 7,150 | 8xM24 | FS-MO-240-28000 |
| 29,000 | 2,400 | 7,270 | 225 | 6,000 | 7,395 | 8xM24 | FS-MO-240-29000 |
| 30,000 | 2,400 | 7,520 | 225 | 6,250 | 7,640 | 8xM24 | FS-MO-240-30000 |

FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 2,600 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|-----------------|
| 10,800 | 2,600 | 2,860 | 225 | 1,500 | 3,480 | 8xM24 | FS-MO-260-10800 |
| 12,200 | 2,600 | 3,110 | 225 | 1,750 | 3,670 | 8xM24 | FS-MO-260-12200 |
| 13,500 | 2,600 | 3,360 | 225 | 2,000 | 3,865 | 8xM24 | FS-MO-260-13500 |
| 14,500 | 2,600 | 3,610 | 225 | 2,250 | 4,070 | 8xM24 | FS-MO-260-14500 |
| 16,000 | 2,600 | 3,860 | 225 | 2,500 | 4,280 | 8xM24 | FS-MO-260-16000 |
| 17,300 | 2,600 | 4,110 | 225 | 2,750 | 4,490 | 8xM24 | FS-MO-260-17300 |
| 18,500 | 2,600 | 4,360 | 225 | 3,000 | 4,710 | 8xM24 | FS-MO-260-18500 |
| 20,000 | 2,600 | 4,610 | 225 | 3,250 | 4,930 | 8xM24 | FS-MO-260-20000 |
| 21,300 | 2,600 | 4,860 | 225 | 3,500 | 5,150 | 8xM24 | FS-MO-260-21300 |
| 22,500 | 2,600 | 5,110 | 225 | 3,750 | 5,375 | 8xM24 | FS-MO-260-22500 |
| 24,000 | 2,600 | 5,360 | 225 | 4,000 | 5,610 | 8xM24 | FS-MO-260-24000 |
| 25,300 | 2,600 | 5,610 | 225 | 4,250 | 5,845 | 8xM24 | FS-MO-260-25300 |
| 26,500 | 2,600 | 5,860 | 225 | 4,500 | 6,080 | 8xM24 | FS-MO-260-26500 |
| 28,000 | 2,600 | 6,110 | 225 | 4,750 | 6,320 | 8xM24 | FS-MO-260-28000 |
| 29,000 | 2,600 | 6,360 | 225 | 5,000 | 6,560 | 8xM24 | FS-MO-260-29000 |
| 30,500 | 2,600 | 6,610 | 225 | 5,250 | 6,800 | 8xM24 | FS-MO-260-30500 |
| 32,000 | 2,600 | 6,860 | 225 | 5,500 | 7,040 | 10xM30 | FS-MO-260-32000 |
| 33,000 | 2,600 | 7,110 | 225 | 5,750 | 7,290 | 10xM30 | FS-MO-260-33000 |
| 34,500 | 2,600 | 7,360 | 225 | 6,000 | 7,530 | 10xM30 | FS-MO-260-34500 |
| 35,800 | 2,600 | 7,610 | 225 | 6,250 | 7,775 | 10xM30 | FS-MO-260-35800 |
| 37,000 | 2,600 | 7,860 | 225 | 6,500 | 8,020 | 10xM30 | FS-MO-260-37000 |
| 38,500 | 2,600 | 8,110 | 225 | 6,750 | 8,265 | 10xM30 | FS-MO-260-38500 |
| 39,800 | 2,600 | 8,360 | 225 | 7,000 | 8,510 | 10xM30 | FS-MO-260-39800 |

FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 2,800 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|-----------------|
| 12,500 | 2,800 | 2,890 | 225 | 1,500 | 3,630 | 8 x M24 | FS-MO-280-12500 |
| 14,000 | 2,800 | 3,140 | 225 | 1,750 | 3,815 | 8 x M24 | FS-MO-280-14000 |
| 15,500 | 2,800 | 3,390 | 225 | 2,000 | 4,005 | 8 x M24 | FS-MO-280-15500 |
| 17,000 | 2,800 | 3,640 | 225 | 2,250 | 4,205 | 8 x M24 | FS-MO-280-17000 |
| 18,500 | 2,800 | 3,890 | 225 | 2,500 | 4,405 | 8 x M24 | FS-MO-280-18500 |
| 20,000 | 2,800 | 4,140 | 225 | 2,750 | 4,615 | 8 x M24 | FS-MO-280-20000 |
| 21,500 | 2,800 | 4,390 | 225 | 3,000 | 4,830 | 8 x M24 | FS-MO-280-21500 |
| 23,000 | 2,800 | 4,640 | 225 | 3,250 | 5,045 | 8 x M24 | FS-MO-280-23000 |
| 24,500 | 2,800 | 4,890 | 225 | 3,500 | 5,265 | 8 x M24 | FS-MO-280-24500 |
| 26,000 | 2,800 | 5,140 | 225 | 3,750 | 5,485 | 8 x M24 | FS-MO-280-26000 |
| 27,500 | 2,800 | 5,390 | 225 | 4,000 | 5,710 | 8 x M24 | FS-MO-280-27500 |
| 29,400 | 2,800 | 5,640 | 225 | 4,250 | 5,940 | 8 x M24 | FS-MO-280-29400 |
| 31,000 | 2,800 | 5,890 | 225 | 4,500 | 6,170 | 8 x M24 | FS-MO-280-31000 |
| 32,500 | 2,800 | 6,140 | 225 | 4,750 | 6,400 | 8 x M24 | FS-MO-280-32500 |
| 34,000 | 2,800 | 6,390 | 225 | 5,000 | 6,635 | 8 x M30 | FS-MO-280-34000 |
| 35,500 | 2,800 | 6,640 | 225 | 5,250 | 6,870 | 8 x M30 | FS-MO-280-35500 |
| 37,000 | 2,800 | 6,890 | 225 | 5,500 | 7,110 | 8 x M30 | FS-MO-280-37000 |
| 38,500 | 2,800 | 7,140 | 225 | 5,750 | 7,350 | 8 x M30 | FS-MO-280-38500 |
| 40,000 | 2,800 | 7,390 | 225 | 6,000 | 7,620 | 10 x M30 | FS-MO-280-40000 |
| 41,500 | 2,800 | 7,640 | 225 | 6,250 | 7,860 | 10 x M30 | FS-MO-280-41500 |
| 43,000 | 2,800 | 7,890 | 225 | 6,500 | 8,100 | 10 x M30 | FS-MO-280-43000 |
| 44,500 | 2,800 | 8,140 | 225 | 6,750 | 8,345 | 10 x M30 | FS-MO-280-44500 |



FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 3,000 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|------------------|
| 12,500 | 3,000 | 2,630 | 225 | 1,000 | 3,510 | 8xM30 | FS-MO-300- 12500 |
| 14,000 | 3,000 | 2,880 | 225 | 1,250 | 3,675 | 8xM30 | FS-MO-300- 14000 |
| 16,000 | 3,000 | 3,130 | 225 | 1,500 | 3,855 | 8xM30 | FS-MO-300- 16000 |
| 17,500 | 3,000 | 3,380 | 225 | 1,750 | 4,040 | 8xM30 | FS-MO-300- 17500 |
| 19,500 | 3,000 | 3,630 | 225 | 2,000 | 4,230 | 8xM30 | FS-MO-300- 19500 |
| 21,000 | 3,000 | 3,880 | 225 | 2,250 | 4,430 | 8xM30 | FS-MO-300- 21000 |
| 23,000 | 3,000 | 4,130 | 225 | 2,500 | 4,630 | 8xM30 | FS-MO-300- 23000 |
| 24,500 | 3,000 | 4,380 | 225 | 2,750 | 4,840 | 8xM30 | FS-MO-300- 24500 |
| 26,500 | 3,000 | 4,630 | 225 | 3,000 | 5,050 | 8xM30 | FS-MO-300- 26500 |
| 28,000 | 3,000 | 4,880 | 225 | 3,250 | 5,270 | 8xM30 | FS-MO-300- 28000 |
| 30,000 | 3,000 | 5,130 | 225 | 3,500 | 5,490 | 8xM30 | FS-MO-300- 30000 |
| 31,500 | 3,000 | 5,380 | 225 | 3,750 | 5,710 | 8xM30 | FS-MO-300- 31500 |
| 33,500 | 3,000 | 5,630 | 225 | 4,000 | 5,935 | 8xM30 | FS-MO-300- 33500 |
| 35,000 | 3,000 | 5,880 | 225 | 4,250 | 6,160 | 8xM30 | FS-MO-300- 35000 |
| 37,000 | 3,000 | 6,130 | 225 | 4,500 | 6,390 | 8xM30 | FS-MO-300- 37000 |
| 39,000 | 3,000 | 6,380 | 225 | 4,750 | 6,625 | 8xM30 | FS-MO-300- 39000 |
| 40,500 | 3,000 | 6,630 | 225 | 5,000 | 6,860 | 10xM30 | FS-MO-300- 40500 |
| 42,500 | 3,000 | 6,880 | 225 | 5,250 | 7,095 | 10xM30 | FS-MO-300- 42500 |
| 44,000 | 3,000 | 7,130 | 225 | 5,500 | 7,335 | 10xM30 | FS-MO-300- 44000 |
| 46,000 | 3,000 | 7,380 | 225 | 5,750 | 7,575 | 10xM30 | FS-MO-300- 46000 |
| 47,500 | 3,000 | 7,630 | 225 | 6,000 | 7,815 | 10xM30 | FS-MO-300- 47500 |
| 49,500 | 3,000 | 7,880 | 225 | 6,250 | 8,060 | 10xM30 | FS-MO-300- 49500 |
| 51,000 | 3,000 | 8,130 | 225 | 6,500 | 8,310 | 10xM30 | FS-MO-300- 51000 |
| 53,000 | 3,000 | 8,380 | 225 | 6,750 | 8,560 | 10xM30 | FS-MO-300- 53000 |
| 54,500 | 3,000 | 8,630 | 225 | 7,000 | 8,810 | 10xM30 | FS-MO-300- 54500 |
| 56,500 | 3,000 | 8,880 | 225 | 7,250 | 9,060 | 10xM30 | FS-MO-300- 56500 |
| 58,000 | 3,000 | 9,130 | 225 | 7,500 | 9,310 | 10xM30 | FS-MO-300- 58000 |



FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 3,200 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|-----------------|
| 18,800 | 3,200 | 3,230 | 225 | 1,500 | 4,050 | 8xM30 | FS-MO-320-18800 |
| 20,500 | 3,200 | 3,480 | 225 | 1,750 | 4,235 | 8xM30 | FS-MO-320-20500 |
| 22,500 | 3,200 | 3,730 | 225 | 2,000 | 4,425 | 8xM30 | FS-MO-320-22500 |
| 24,500 | 3,200 | 3,980 | 225 | 2,250 | 4,620 | 8xM30 | FS-MO-320-24500 |
| 26,500 | 3,200 | 4,230 | 225 | 2,500 | 4,820 | 8xM30 | FS-MO-320-26500 |
| 28,500 | 3,200 | 4,480 | 225 | 2,750 | 5,025 | 8xM30 | FS-MO-320-28500 |
| 30,500 | 3,200 | 4,730 | 225 | 3,000 | 5,235 | 8xM30 | FS-MO-320-30500 |
| 32,500 | 3,200 | 4,980 | 225 | 3,250 | 5,445 | 8xM30 | FS-MO-320-32500 |
| 34,500 | 3,200 | 5,230 | 225 | 3,500 | 5,725 | 8xM30 | FS-MO-320-34500 |
| 36,500 | 3,200 | 5,480 | 225 | 3,750 | 5,940 | 8xM30 | FS-MO-320-36500 |
| 38,500 | 3,200 | 5,730 | 225 | 4,000 | 6,160 | 8xM30 | FS-MO-320-38500 |
| 40,500 | 3,200 | 5,980 | 225 | 4,250 | 6,385 | 10xM30 | FS-MO-320-40500 |
| 42,500 | 3,200 | 6,230 | 225 | 4,500 | 6,605 | 10xM30 | FS-MO-320-42500 |
| 44,500 | 3,200 | 6,480 | 225 | 4,750 | 6,835 | 10xM30 | FS-MO-320-44500 |
| 46,500 | 3,200 | 6,730 | 225 | 5,000 | 7,060 | 10xM30 | FS-MO-320-46500 |
| 48,500 | 3,200 | 6,980 | 225 | 5,250 | 7,295 | 10xM30 | FS-MO-320-48500 |
| 50,500 | 3,200 | 7,230 | 225 | 5,500 | 7,555 | 10xM30 | FS-MO-320-50500 |
| 52,500 | 3,200 | 7,480 | 225 | 5,750 | 7,790 | 10xM30 | FS-MO-320-52500 |
| 54,500 | 3,200 | 7,730 | 225 | 6,000 | 8,025 | 10xM30 | FS-MO-320-54500 |
| 56,500 | 3,200 | 7,980 | 225 | 6,250 | 8,265 | 10xM30 | FS-MO-320-56500 |
| 58,500 | 3,200 | 8,230 | 225 | 6,500 | 8,500 | 10xM36 | FS-MO-320-58500 |
| 60,500 | 3,200 | 8,480 | 225 | 6,750 | 8,740 | 10xM36 | FS-MO-320-60500 |
| 62,500 | 3,200 | 8,730 | 225 | 7,000 | 8,985 | 12xM36 | FS-MO-320-62500 |
| 64,000 | 3,200 | 8,980 | 225 | 7,250 | 9,225 | 12xM36 | FS-MO-320-64000 |
| 66,500 | 3,200 | 9,230 | 225 | 7,500 | 9,465 | 12xM36 | FS-MO-320-66500 |
| 68,500 | 3,200 | 9,480 | 225 | 7,750 | 9,710 | 12xM36 | FS-MO-320-68500 |



FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 3,400 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|------------------|
| 21,500 | 3,400 | 3,260 | 225 | 1,500 | 4,285 | 10xM30 | FS-MO-340- 21500 |
| 24,000 | 3,400 | 3,510 | 225 | 1,750 | 4,455 | 10xM30 | FS-MO-340- 24000 |
| 26,000 | 3,400 | 3,760 | 225 | 2,000 | 4,635 | 10xM30 | FS-MO-340- 26000 |
| 28,000 | 3,400 | 4,010 | 225 | 2,250 | 4,820 | 10xM30 | FS-MO-340- 28000 |
| 30,500 | 3,400 | 4,260 | 225 | 2,500 | 5,010 | 10xM30 | FS-MO-340- 30500 |
| 33,000 | 3,400 | 4,510 | 225 | 2,750 | 5,210 | 10xM30 | FS-MO-340- 33000 |
| 35,000 | 3,400 | 4,760 | 225 | 3,000 | 5,410 | 10xM30 | FS-MO-340- 35000 |
| 37,500 | 3,400 | 5,010 | 225 | 3,250 | 5,615 | 10xM30 | FS-MO-340- 37500 |
| 39,500 | 3,400 | 5,260 | 225 | 3,500 | 5,825 | 10xM30 | FS-MO-340- 39500 |
| 42,000 | 3,400 | 5,510 | 225 | 3,750 | 6,040 | 10xM30 | FS-MO-340- 42000 |
| 44,000 | 3,400 | 5,760 | 225 | 4,000 | 6,255 | 10xM30 | FS-MO-340- 44000 |
| 46,500 | 3,400 | 6,010 | 225 | 4,250 | 6,475 | 10xM30 | FS-MO-340- 46500 |
| 48,500 | 3,400 | 6,260 | 225 | 4,500 | 6,695 | 10xM30 | FS-MO-340- 48500 |
| 51,000 | 3,400 | 6,510 | 225 | 4,750 | 6,950 | 10xM30 | FS-MO-340- 51000 |
| 53,000 | 3,400 | 6,760 | 225 | 5,000 | 7,170 | 10xM30 | FS-MO-340- 53000 |
| 55,500 | 3,400 | 7,010 | 225 | 5,250 | 7,395 | 10xM30 | FS-MO-340- 55500 |
| 57,500 | 3,400 | 7,260 | 225 | 5,500 | 7,625 | 10xM30 | FS-MO-340- 57500 |
| 60,000 | 3,400 | 7,510 | 225 | 5,750 | 7,850 | 10xM30 | FS-MO-340- 60000 |
| 62,000 | 3,400 | 7,760 | 225 | 6,000 | 8,095 | 12xM30 | FS-MO-340- 62000 |
| 64,500 | 3,400 | 8,010 | 225 | 6,250 | 8,330 | 12xM36 | FS-MO-340- 64500 |
| 66,500 | 3,400 | 8,260 | 225 | 6,500 | 8,565 | 12xM36 | FS-MO-340- 66500 |
| 69,000 | 3,400 | 8,510 | 225 | 6,750 | 8,800 | 12xM36 | FS-MO-340- 69000 |
| 71,000 | 3,400 | 8,760 | 225 | 7,000 | 9,050 | 12xM36 | FS-MO-340- 71000 |
| 73,000 | 3,400 | 9,010 | 225 | 7,250 | 9,295 | 12xM36 | FS-MO-340- 73000 |
| 75,500 | 3,400 | 9,260 | 225 | 7,500 | 9,530 | 12xM36 | FS-MO-340- 75500 |
| 78,000 | 3,400 | 9,510 | 225 | 7,750 | 9,775 | 12xM36 | FS-MO-340- 78000 |
| 80,000 | 3,400 | 9,760 | 225 | 8,000 | 10,015 | 12xM36 | FS-MO-340- 80000 |
| 82,000 | 3,400 | 10,010 | 225 | 8,250 | 10,260 | 12xM36 | FS-MO-340- 82000 |
| 84,500 | 3,400 | 10,260 | 225 | 8,500 | 10,500 | 12xM36 | FS-MO-340- 84500 |
| 87,000 | 3,400 | 10,510 | 225 | 8,750 | 10,745 | 12xM36 | FS-MO-340- 87000 |
| 89,000 | 3,400 | 10,760 | 225 | 9,000 | 10,990 | 14xM36 | FS-MO-340- 89000 |



FERMENTATION AND STORAGE TANK FS-MO: TANK Ø 3,600 MM

| Capacity litres | Ø mm | h1 mm | h2 mm | h6 mm | D1 mm | HV mm | Order No. |
|--------------------|---------|----------|----------|----------|----------|----------|------------------|
| 24,500 | 3,600 | 3,340 | 225 | 1,500 | 4,415 | 10 x M30 | FS-MO-360- 24500 |
| 27,000 | 3,600 | 3,590 | 225 | 1,750 | 4,580 | 10 x M30 | FS-MO-360- 27000 |
| 29,500 | 3,600 | 3,840 | 225 | 2,000 | 4,755 | 10 x M30 | FS-MO-360- 29500 |
| 32,000 | 3,600 | 4,090 | 225 | 2,250 | 4,940 | 10 x M30 | FS-MO-360- 32000 |
| 35,000 | 3,600 | 4,340 | 225 | 2,500 | 5,125 | 10 x M30 | FS-MO-360- 35000 |
| 37,500 | 3,600 | 4,590 | 225 | 2,750 | 5,320 | 10 x M30 | FS-MO-360- 37500 |
| 40,000 | 3,600 | 4,840 | 225 | 3,000 | 5,520 | 10 x M30 | FS-MO-360- 40000 |
| 42,500 | 3,600 | 5,090 | 225 | 3,250 | 5,720 | 10 x M30 | FS-MO-360- 42500 |
| 45,000 | 3,600 | 5,340 | 225 | 3,500 | 5,925 | 10 x M30 | FS-MO-360- 45000 |
| 47,500 | 3,600 | 5,590 | 225 | 3,750 | 6,140 | 10 x M30 | FS-MO-360- 47500 |
| 50,000 | 3,600 | 5,840 | 225 | 4,000 | 6,430 | 10 x M30 | FS-MO-360- 50000 |
| 52,500 | 3,600 | 6,090 | 225 | 4,250 | 6,645 | 10 x M30 | FS-MO-360- 52500 |
| 55,000 | 3,600 | 6,340 | 225 | 4,500 | 6,860 | 12 x M30 | FS-MO-360- 55000 |
| 57,500 | 3,600 | 6,590 | 225 | 4,750 | 7,080 | 12 x M30 | FS-MO-360- 57500 |
| 60,000 | 3,600 | 6,840 | 225 | 5,000 | 7,305 | 12 x M30 | FS-MO-360- 60000 |
| 62,500 | 3,600 | 7,090 | 225 | 5,250 | 7,530 | 12 x M30 | FS-MO-360- 62500 |
| 65,000 | 3,600 | 7,340 | 225 | 5,500 | 7,755 | 12 x M36 | FS-MO-360- 65000 |
| 67,500 | 3,600 | 7,590 | 225 | 5,750 | 7,985 | 12 x M36 | FS-MO-360- 67500 |
| 70,000 | 3,600 | 7,840 | 225 | 6,000 | 8,230 | 12 x M36 | FS-MO-360- 70000 |
| 72,500 | 3,600 | 8,090 | 225 | 6,250 | 8,460 | 12 x M36 | FS-MO-360- 72500 |
| 75,000 | 3,600 | 8,340 | 225 | 6,500 | 8,695 | 12 x M36 | FS-MO-360- 75000 |
| 78,000 | 3,600 | 8,590 | 225 | 6,750 | 8,930 | 12 x M36 | FS-MO-360- 78000 |
| 80,000 | 3,600 | 8,840 | 225 | 7,000 | 9,170 | 12 x M36 | FS-MO-360- 80000 |
| 83,000 | 3,600 | 9,090 | 225 | 7,250 | 9,405 | 12 x M36 | FS-MO-360- 83000 |
| 85,500 | 3,600 | 9,340 | 225 | 7,500 | 9,645 | 12 x M36 | FS-MO-360- 85500 |
| 88,000 | 3,600 | 9,590 | 225 | 7,750 | 9,885 | 12 x M36 | FS-MO-360- 88000 |
| 90,000 | 3,600 | 9,840 | 225 | 8,000 | 10,130 | 14 x M36 | FS-MO-360- 90000 |
| 93,000 | 3,600 | 10,090 | 225 | 8,250 | 10,370 | 14 x M36 | FS-MO-360- 93000 |
| 95,500 | 3,600 | 10,340 | 225 | 8,500 | 10,615 | 14 x M36 | FS-MO-360- 95500 |
| 98,000 | 3,600 | 10,590 | 225 | 8,750 | 10,855 | 14 x M36 | FS-MO-360- 98000 |
| 100,500 | 3,600 | 10,840 | 225 | 9,000 | 11,100 | 14 x M36 | FS-MO-360-100500 |
| 103,000 | 3,600 | 11,110 | 225 | 9,250 | 11,370 | 16 x M36 | FS-MO-360-103000 |
| 105,500 | 3,600 | 11,360 | 225 | 9,500 | 11,620 | 16 x M36 | FS-MO-360-105500 |
| 108,000 | 3,600 | 11,610 | 225 | 9,750 | 11,870 | 16 x M36 | FS-MO-360-108000 |
| 110,500 | 3,600 | 11,860 | 225 | 10,000 | 12,120 | 16 x M36 | FS-MO-360-110500 |
| 113,000 | 3,600 | 12,110 | 225 | 10,250 | 12,370 | 16 x M36 | FS-MO-360-113000 |
| 115,500 | 3,600 | 12,360 | 225 | 10,500 | 12,620 | 16 x M36 | FS-MO-360-115500 |
| 118,000 | 3,600 | 12,610 | 225 | 10,750 | 12,870 | 16 x M36 | FS-MO-360-118000 |
| 120,500 | 3,600 | 12,860 | 225 | 11,000 | 13,120 | 16 x M36 | FS-MO-360-120500 |
| 123,000 | 3,600 | 13,110 | 225 | 11,250 | 13,370 | 16 x M36 | FS-MO-360-123000 |
| 126,000 | 3,600 | 13,360 | 225 | 11,500 | 13,620 | 16 x M36 | FS-MO-360-126000 |

Stacking tanks – sizes and prices on request
Intermediate sizes available

In case of 2,200 mm Ø a 10 mm shell height equates to= 38.00 litres tank volume
 In case of 2,400 mm Ø a 10 mm shell height equates to= 45.10 litres tank volume
 In case of 2,600 mm Ø a 10 mm shell height equates to= 53.00 litres tank volume
 In case of 2,800 mm Ø a 10 mm shell height equates to= 61.50 litres tank volume
 In case of 3,000 mm Ø a 10 mm shell height equates to= 70.70 litres tank volume
 In case of 3,200 mm Ø a 10 mm shell height equates to= 80.20 litres tank volume
 In case of 3,400 mm Ø a 10 mm shell height equates to= 90.50 litres tank volume
 In case of 3,600 mm Ø a 10 mm shell height equates to= 101.50 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

Store efficiently!



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

Speidel's cuboid tanks are the ideal solution for small spaces. They fit perfectly, have curves that are easy to clean and have flawless weld seams.

In a few words: our rectangular models are always first choice! They allow you the perfect utilisation of space and guarantee Speidel's top quality! Enjoy optimal fit with best hygiene and easy cleaning.



Perfect utilisation of space
for small, narrow cellars.

APPLICATION RANGE

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

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

- › Tank shell and tank bottom made of AISI 304 stainless steel, surface IIIld (2R), marbled outside
- › Tank top made of AISI 316 stainless steel, surface IIIld (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 stacking legs

SAMPLING

- › Weld-on thread NW10 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 NW10 DIN 11851 with sealing cap including fastening points at tank shell (for the installation of fill level indicator)

BOTTOM OUTLET

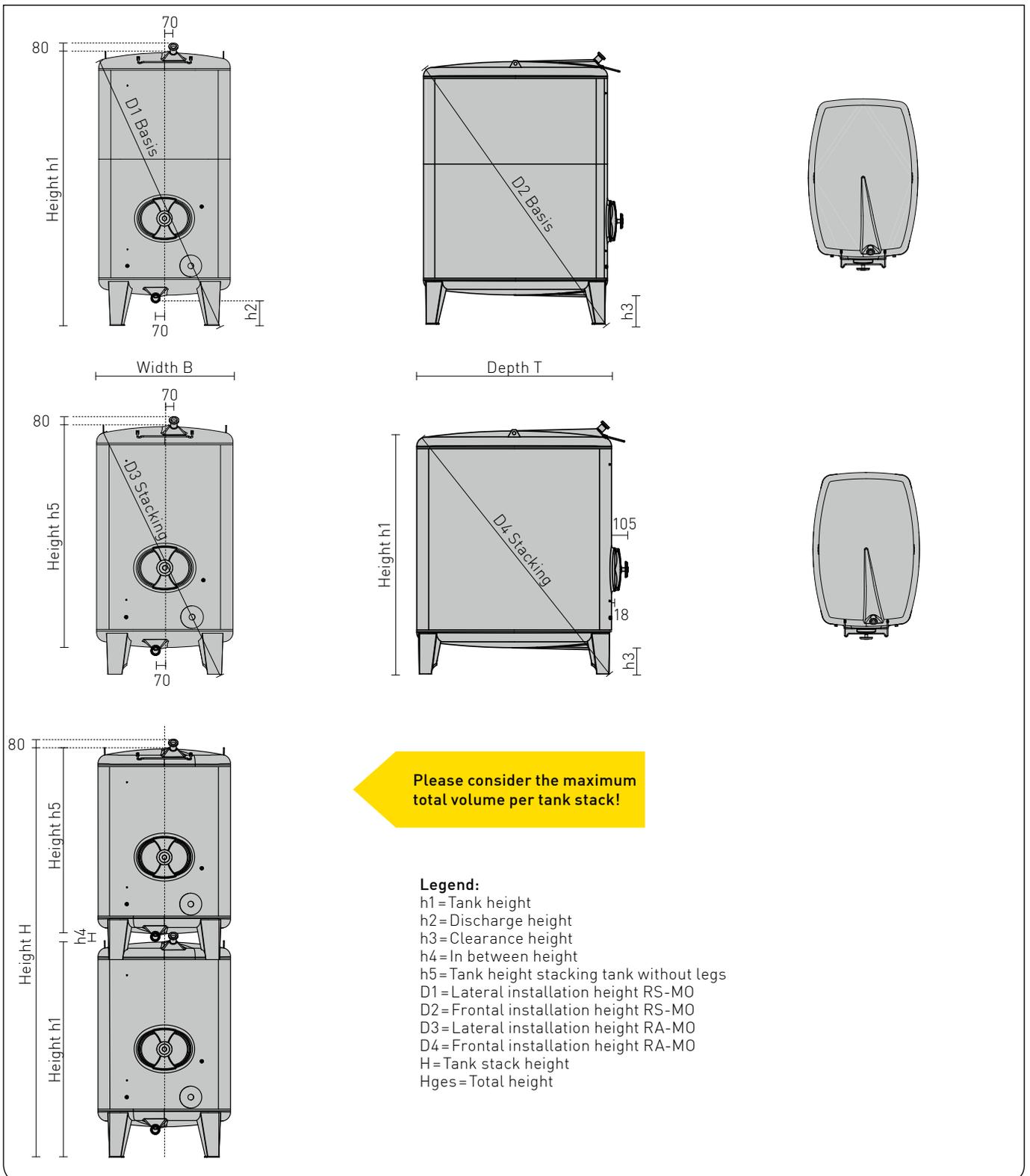
- › Vaulted, stable tank bottom with integrally moulded forward down-slope for complete draining with moulded connection neck, inhibiting suction effect with bottom outlet neck NW50 DIN 11851



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

| Item | Order No. |
|---|----------------|
|  <p>Rectangular base tank RS-MO-110-2300 litres > h1 = approx. 1,797 mm > Standard equipment as on page 47</p> | RS-MO-110-2300 |
|  <p>Rectangular stacking tank RA-MO-110-2300 litres > h5 = 1,548 mm, H = 1,797 (h1) + 70 (h4) + 1,548 (h5) = 3,415 mm, Hges = 3.415 (H) + 80 (connection) + approx. 100 (height compensation) = approx. 3,595 mm > Standard equipment as on page 47</p> | RA-MO-110-2300 |
|  <p>Sampling (page 174) > With sampling tap NW 10 DIN 11851</p> | 64949 |
|  <p>Racking outlet (page 170) > With mounted flap valve Gr. 37</p> | KA-1201 |
|  <p>Fill level indicator (page 175) > Mounted fill level indicator NW 10</p> | FS-130H |
|  <p>Bottom outlet (page 170) > With disc valve NW 50 DIN 11851</p> | 64945 |
|  <p>Temperature measurement (page 177) > Bi-metal dial thermometer \varnothing 100 mm, measuring range -20 °C to +60 °C > Screwed sleeve for thermometer length = 125 mm</p> | TM-140C |
|  <p>Heating and cooling jacket for base tank (page 136) > Double jacket C5 1,3m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 50, connection position C5</p> | 1C5 |
|  <p>Heating and cooling jacket for stacking tank (page 136) > Double jacket C5 1,3m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 50, connection position C5</p> | 1C5 |
|  <p>Adjustable feet (page 183) > With adjustable feet for tank legs (H = + approx. 100 mm)</p> | 46126 |

DIMENSIONS 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 II(d (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 900X1,400 MM

| 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 900x1,400 mm; maximum total volume per tank stack 4,000 litres

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

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

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

| 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 1,300x1,800 mm; 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 | - |

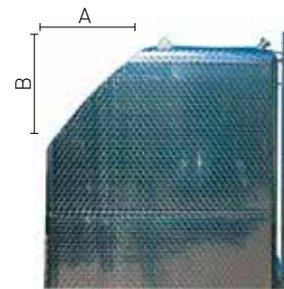
Tank cross section 1,500x2,000 mm; maximum total volume per tank stack 10,200 litres

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 | 130litres | OB 040Q |
| 1,100x1,600 | 750 | 600 | 160litres | OB 040Q |
| 1,300x1,800 | 850 | 713 | 210litres | OB 040Q |
| 1,500x2,000 | 950 | 847 | 260litres | OB 040Q |

(not possible with base tank for tank stacks)

Perfect use of space!



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 | Ideal for | |
| › Maturation | › Wine | › Soft drinks |
| › Fermentation | › Must | › Alcoholic drinks |
| › Mixing/Blending | › Spirits | |
| › Processes | › Juice | |

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 2,000 mm 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 four welded-on legs
- › Stacking tank with four 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)

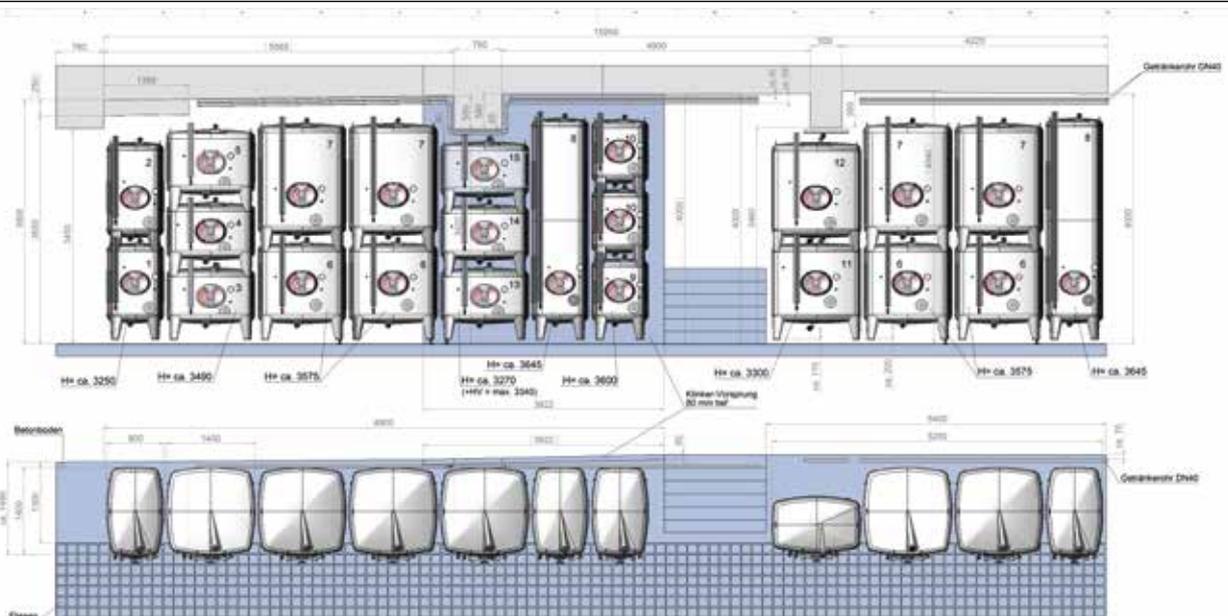
FILL LEVEL

- › Weld-on thread NW10 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

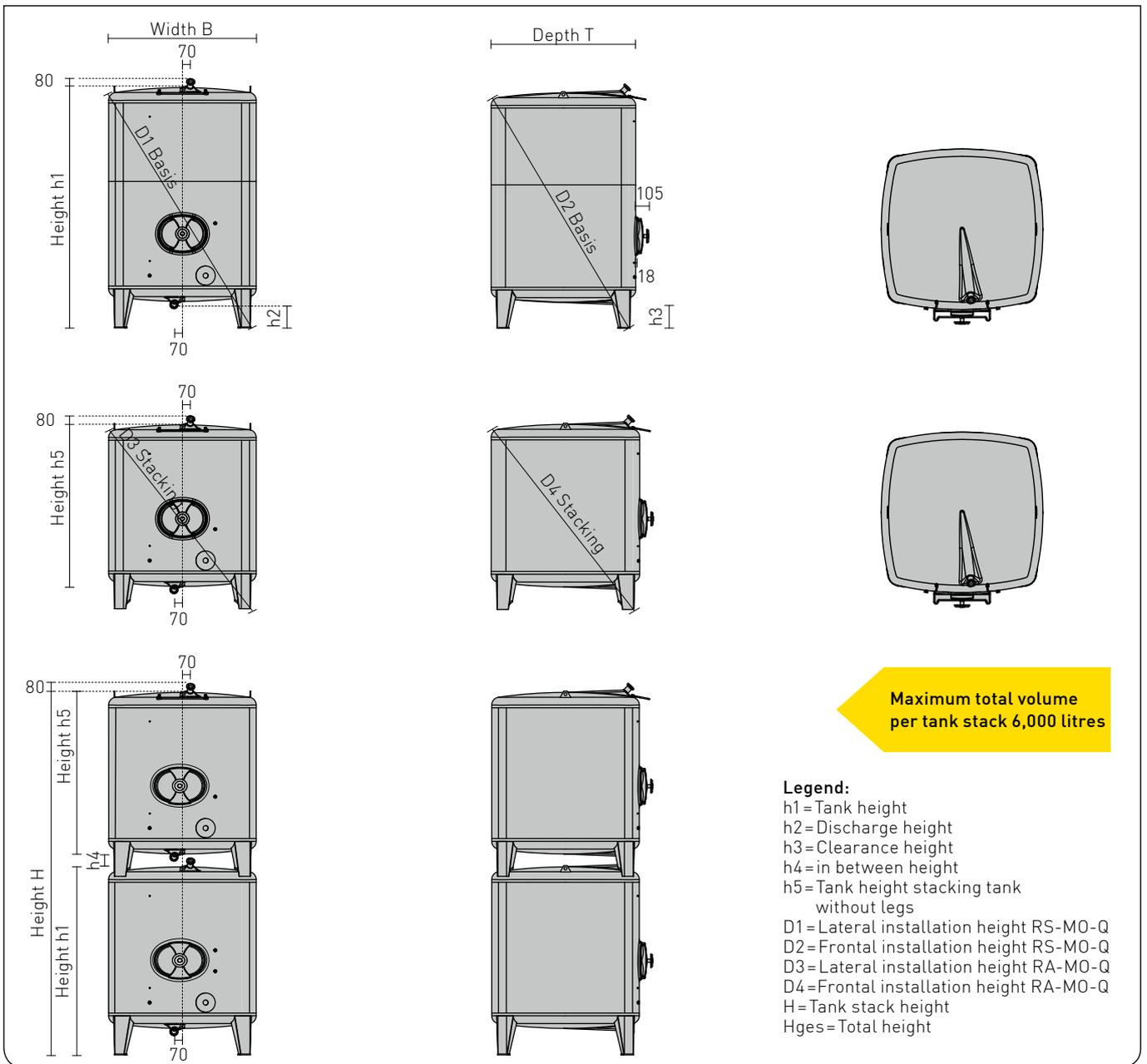


| Pos | Anzahl [Stk.] | Type | Tankquerschnitt [mm] | Höhe h5 [mm] | Höhe h1 [mm] | Nenn-Inhalt [Lr.] | Gesamthalt [Lr.] |
|-----|---------------|------------------|----------------------|--------------|--------------|-------------------|------------------|
| 1 | 1 | RS-MO-090-S 0138 | 900x1400 | 1528 | 1539 | 1400 | 1400 |
| 2 | 1 | RS-MO-090 0133 | 900x1400 | 1528 | 1539 | 1400 | 1400 |
| 3 | 1 | RS-MO-141-S 0002 | 1400x1400 | 1528 | ca. 1172 | 1500 | 3000 |
| 4 | 1 | RA-MO-141-S 0004 | 1400x1400 | ca. 919 | 1500 | 3000 | 3000 |
| 15 | 1 | RA-MO-141-S 0001 | 1400x1400 | ca. 894 | 1450 | 1450 | 1450 |
| 5 | 1 | RA-MO-141-S 0003 | 1400x1400 | ca. 1044 | 1700 | 1700 | 1700 |
| 6 | 4 | RS-MO-141-S 0003 | 1400x1400 | 1528 | ca. 1547 | 2150 | 9000 |
| 7 | 4 | RA-MO-141-S 0002 | 1400x1400 | ca. 1794 | 3000 | 12000 | 12000 |
| 8 | 2 | RS-MO-090-S 0138 | 900x1400 | 1528 | 3539 | 3600 | 7200 |
| 9 | 1 | RS-MO-090-S 0137 | 900x1400 | 1528 | 1289 | 1100 | 1100 |
| 10 | 2 | RA-MO-090-S 0050 | 900x1400 | 1028 | 1100 | 2200 | 2200 |
| 11 | 1 | RS-MO-090-S 0138 | 900x1400 Super | 1528 | 1539 | 1400 | 1400 |
| 12 | 1 | RA-MO-090-S 0049 | 900x1400 Super | 1528 | 1539 | 1400 | 1400 |
| 13 | 1 | RS-MO-141-S 0009 | 1400x1400 | 1528 | ca. 1147 | 1450 | 1450 |
| 14 | 1 | RA-MO-141-S 0008 | 1400x1400 | ca. 894 | 1450 | 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 > $h_1 = 1,792 \text{ mm}$, $H_{ges} = 1,792(h_1) + 270 \text{ (dome)} + 100 \text{ (height compensation)}$ = approx. 2,162 mm > Standard equipment as on page 53</p> | RS-MO-141-2600 |
|  <p>Ventilation/Filling (page 166) > Filler neck NW400 on tank top; position: forward/vertical > Tank top with bead extrusion for total ventilation, $H = +270 \text{ mm}$</p> | OB-0400 |
|  <p>Sampling (page 174) > With sampling tap NW 10 DIN 11851</p> | 64949 |
|  <p>Racking outlet (page 170) > With mounted flap valve Gr. 37</p> | KA-120I |
|  <p>Fill level indicator (page 175) > Mounted fill level indicator NW 10</p> | FS-130H |
|  <p>Bottom outlet (page 170) > With disc valve NW50 DIN 11851</p> | 64945 |
|  <p>Temperature measurement (page 177) > Bi-metal dial thermometer $\varnothing 100 \text{ mm}$, measuring range -20° C to $+60^\circ \text{ C}$ > Screwed sleeve for thermometer length = 125 mm</p> | TM-140C |
|  <p>Heating and cooling jacket (page 136) > Double jacket C6 1,5m² with welded gland thread G 1" for connection to available warm water/cold water source > Version 1, layout 51, connection position C6</p> | 1C6 |
|  <p>Adjustable feet (page 183) > With adjustable feet for tank legs ($H = +$ approx. 100 mm)</p> | 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.

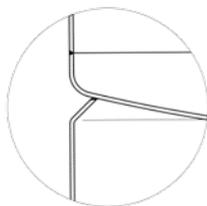
* The respective height H is calculated as follows: $H = h1 + h4 + h5$



» Multi-compartment tank MS-MO

Don't reduce volume! Save on height! Speidel's multi-compartment tanks MS-MO have perfectly connected multiple tank compartments. In case you wish to obtain a perfect look even in case of different individual tank capacities, the MS-MO is first choice!

Even when combined with single tanks, the use of the MS-MO allows you to obtain a uniform line of tanks at the same total holding capacity. This option offers the possibility to process smaller batches while perfectly using the available room height. Up to three compartments available per tank.



- › Gapless/free of voids
- › Easy cleaning and tank sterilisation

APPLICATION RANGE

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

STANDARD EQUIPMENT MULTI-COMPARTMENT TANK MS-MO

UPPER TANK COMPARTMENT

- › The volume of the upper tank compartment corresponds with a standard tank size
- › Vaulted, stable tank top
- › Tank up to \varnothing of 2,000 mm with integrally moulded forward up-slope for complete filling and ventilation assuring a very small air contact area
- › From tank- \varnothing of 2,200 mm upwards welded-on connection neck located in top centre with filling and vent neck AG NW50 Rd 78x 1/6"
- › With lifting lugs
- › From 2,000 mm tank height upwards with ladder safety bow
- › Vaulted, stable inserted bottom
- › Up to tank- \varnothing of 2,000 mm with integrally moulded forward down-slope for complete draining moulded connection neck, impending suction effect with bottom outlet neck NW50 DIN 11851
- › From tank- \varnothing of 2,200 mm upwards with discharge cup located in the centre of the tank's bottom and forward drawn discharge pipe, outlet with thread NW50 DIN 11851

MIDDLE TANK COMPARTMENT

- › Inserted bottom of the upper tank compartment with filling and vent neck external thread NW50 Rd 78x 1/6" for complete filling and ventilation
- › Vaulted, stable inserted bottom
- › Up to tank- \varnothing of 2,000 mm with integrally moulded forward down-slope for complete draining moulded connection neck, impending suction effect with bottom outlet neck NW50 DIN 11851
- › From tank- \varnothing of 2,200 mm upwards with discharge cup located in the centre of the tank's bottom and forward drawn discharge pipe, outlet with thread NW50 DIN 11851

LOWER TANK COMPARTMENT

- › Inserted bottom of the upper respectively middle tank compartment with filling and ventilation neck NW50 Rd 78x 1/6" for complete filling and vent
- › Vaulted, stable tank bottom
- › Up to tank- \varnothing of 2,000 mm with integrally moulded forward down-slope for complete draining
- › Moulded connection neck, impending suction effect with bottom outlet neck NW50 DIN 11851

- › From tank- \varnothing of 2,200 mm upwards with discharge cup located in the centre of the tank's bottom and forward drawn discharge pipe, outlet with thread NW50 DIN 11851
- › Free-standing on welded-on box-shaped legs – perfect stability and force transmission into the tank shell

STANDARD EQUIPMENT PER TANK COMPARTMENT

- › Sampling: welded-on thread NW 10 DIN 11851 with sealing cap (for the installation of sampling tap)
- › Stable manhole neck seamlessly moulded from the tank shell, 420x320 mm, door with butterfly bow and hand wheel
- › Racking outlet: Reinforcing plate with drilled hole 48 mm \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 on tank shell (for the installation of fill level indicator)



SET-UP EXAMPLE FOR MULTI-COMPARTMENT TANK MS-MO

Item

Order No.



FS-MO base tank FS-MO-120-2000 litres

- > $h_1 = 2,173 \text{ mm}$, $H_{ges} = 2,173 (h_1) + 80 \text{ (connection)} + 100 \text{ (height compensation)} = \text{approx. } 2,353 \text{ mm}$
- > Standard equipment as on page 57

FS-MO-120-2000

Multiple-compartment tank

- > Upper tank compartment 1,000 litres
- > Lower tank compartment 1,000 litres

MS-MO-120-S

Equipment for each tank compartment:



Sampling (page 174)

- > With sampling tap NW 10 DIN 11851

64949



Racking outlet (page 170)

- > With mounted flap valve Gr. 37

KA-120I



Fill level (page 175)

- > Mounted fill level indicator NW 10

FS-130H



Bottom outlet (page 170)

- > With disc valve NW50 DIN 11851

64945

Temperature measurement (page 177)



- > 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

Heating and cooling jacket lower tank compartment (page 136)



- > Double jacket shape A2 $1,3 \text{ m}^2$ with welded gland thread G 1" for connection to available warm water/cold water source
- > Version 1, layout 15, connection position A2

1A2

Heating and cooling jacket upper tank compartment (page 136)



- > Double jacket shape A2 $1,3 \text{ m}^2$ with welded gland thread G 1" for connection to available warm water/cold water source
- > Version 1, layout 15, connection position A2

1A2

Equipment per tank:

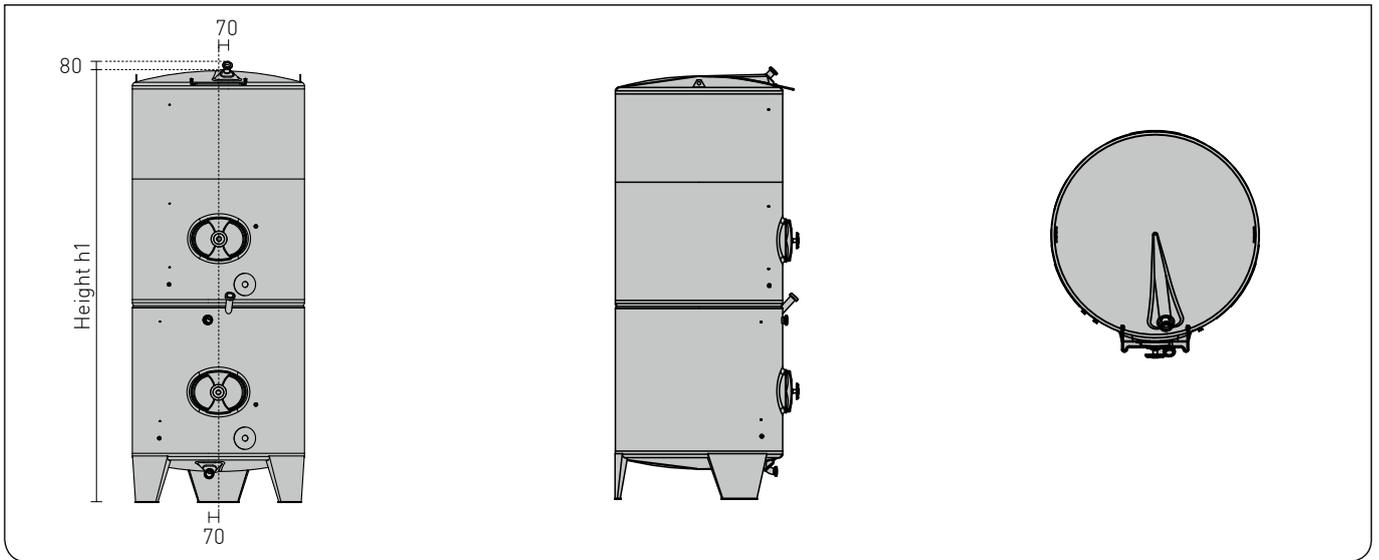


Adjustable feet (page 183)

- > With adjustable feet for tank legs ($H = +$ approx. 100 mm)

46127

MULTI-COMPARTMENT TANK MS-MO



MULTI-COMPARTMENT TANK MS-MO

| Ø | Minimum volume per inserted compartment | Order No. |
|---------------|--|--------------|
| | | |
| 1,000 | 650 | MS-MO- 100-S |
| 1,200 | 900 | MS-MO- 120-S |
| 1,400 | 1,200 | MS-MO- 140-S |
| 1,600 | 1,550 | MS-MO- 160-S |
| 1,800 | 1,900 | MS-MO- 180-S |
| 2,000 | 2,350 | MS-MO- 200-S |
| 2,200 | 3,950 | MS-MO- 220-S |
| 2,400 | 4,700 | MS-MO- 240-S |
| 2,600 | 5,800 | MS-MO- 260-S |
| 2,800 | 6,750 | MS-MO- 280-S |
| 3,000 | 8,800 | MS-MO- 300-S |
| 900 x 1,400 | 850 | RS-MO- 090-S |
| 1,100 x 1,600 | 1,250 | RS-MO- 110-S |
| 1,300 x 1,800 | 1,650 | RS-MO- 130-S |
| 1,500 x 2,000 | 2,200 | RS-MO- 150-S |
| 1,400 x 1,400 | 1,450 | RS-MO- 141-S |