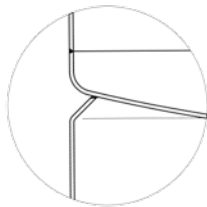




» Multi-compartment tank MS-MO

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 | › Soft drinks |
| › Maturation | › Wine | › Alcoholic drinks |
| › Fermentation | › Must | |
| › 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

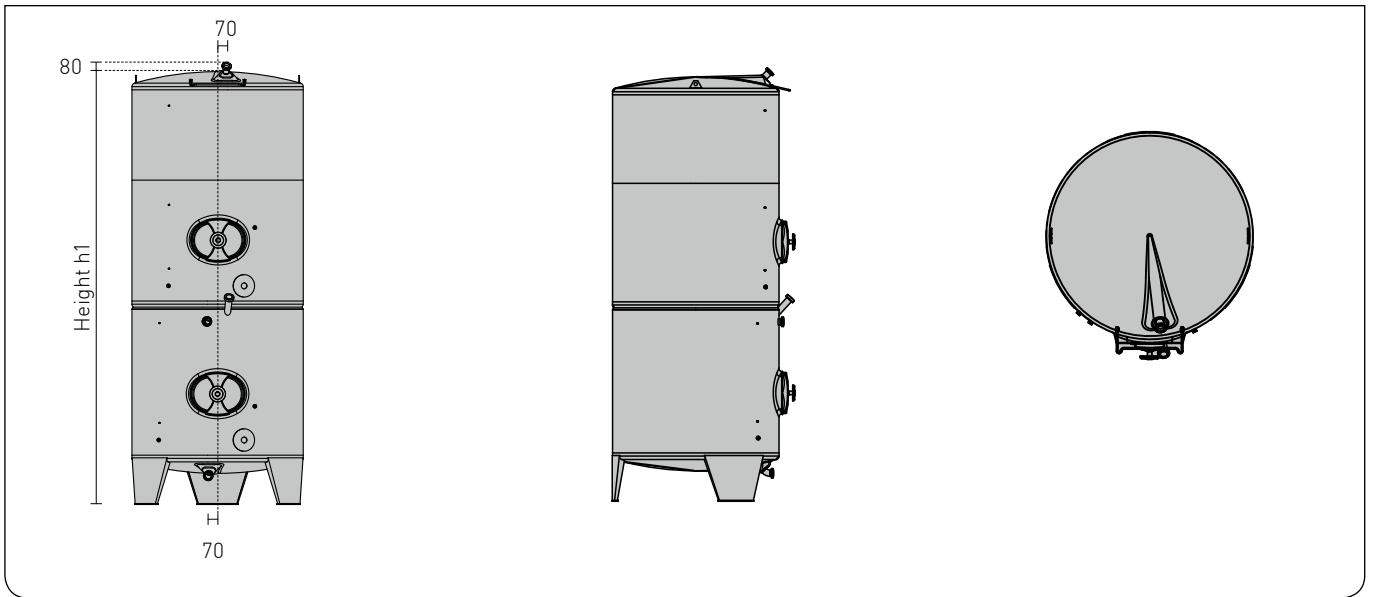
- › Sampling: welded-on thread NW 10 DIN 11851 with sealing cap (for the installation of sampling tap)
- › Stable manhole neck seamlessly moulded from the tank shell, 420x320 mm, door with butterfly bow and hand wheel
- › Racking outlet: Reinforcing plate with drilled hole 48 mm \varnothing (to hold 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	FS-MO-120-2000
	› h1 = 2,173 mm, Hges = 2,173 (h1) + 80 (connection) + 100 (height compensation) = approx. 2,353 mm › Standard equipment as on page 53	
	Multiple-compartment tank	MS-MO-120-S
	› Upper tank compartment 1,000 litres › Lower tank compartment 1,000 litres	
	Equipment for each tank compartment:	
	Sampling (page 138)	64949
	› With sampling tap NW10 DIN 11851	
	Racking outlet (page 134)	KA-120I
	› With mounted flap valve Gr. 37	
	Fill level (page 139)	FS-130H
	› Mounted fill level indicator NW 10	
	Bottom outlet (page 134)	64945
	› With disc valve NW50 DIN 11851	
	Temperature measurement (page 141)	TM-140C
	› Bi-metal dial thermometer ø 100 mm, measuring range -20 °C to +60 °C › Screwed sleeve for thermometer length = 125 mm	
	Heating and cooling jacket lower tank compartment (page 104)	1A2
	› Double jacket shape A2 1,3m ² with welded gland thread G 1" for connection to available warm water/cold water source › Version 1, layout 15, connection position A2	
	Heating and cooling jacket upper tank compartment (page 104)	1A2
	› Double jacket shape A2 1,3m ² with welded gland thread G 1" for connection to available warm water/cold water source › Version 1, layout 15, connection position A2	
	Equipment per tank:	
	Adjustable feet (page 146)	46127
	› With adjustable feet for tank legs (H = + approx. 100 mm)	

MULTI-COMPARTMENT TANK MS-MO



MULTI-COMPARTMENT TANK MS-MO

\varnothing	Minimum volume per inserted compartment	Order No.
mm	litres	mounted
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