





## » Lid and crane

### ACCESSORIES LID AND CRANE (SCREW-ON AND SPARE PARTS)

Item	Tank-ø		Material	Order No.		
	mm			loose	mounted	
<b>Floating lid</b> for BO, FO › With sealing hose (natural-coloured/ transparent), air hose, air pump manometer and vent screw connection	440		AISI 304	75420	SD-180-C	
	550		AISI 304	70298	SD-180-C	
	630		AISI 304	70299	SD-180-C	
	820/	530	AISI 304	70300	SD-180-C	
	820/	675	AISI 304	70301	SD-180-C	
	820/	910	AISI 304	70302	SD-180-C	
	1,000/	1,100	AISI 304	70303	SD-180-C	
	1,200/	1,600	AISI 304	70304	SD-180-C	
	1,400/	2,200	AISI 304	70305	SD-180-C	
	1,400/	3,300	AISI 304	71064	SD-180-C	
	1,600/	2,850	AISI 304	70307	SD-180-C	
	1,600/	3,850	AISI 304	71045	SD-180-C	
	1,600/	4,800	AISI 304	70310	SD-180-C	
	1,600/	5,800	AISI 304	70311	SD-180-C	
	1,600/	6,800	AISI 304	70773	SD-180-C	
1,600/	7,700	AISI 304	70774	SD-180-C		
1,600/	8,700	AISI 304	70775	SD-180-C		
1,600/	9,700	AISI 304	70695	SD-180-C		
	1,800/	3,700	AISI 304	70777	SD-180-C	
	1,800/	4,900	AISI 304	70312	SD-180-C	
	1,800/	6,100	AISI 304	70778	SD-180-C	
	1,800/	7,400	AISI 304	70787	SD-180-C	
	1,800/	8,600	AISI 304	70788	SD-180-C	
	1,800/	9,800	AISI 304	70789	SD-180-C	
	1,800/	11,000	AISI 304	70790	SD-180-C	
	1,800/	12,200	AISI 304	70791	SD-180-C	
		2,000/	4,500	AISI 304	71046	SD-180-C
		2,000/	6,000	AISI 304	71065	SD-180-C
		2,000/	7,600	AISI 304	71039	SD-180-C
		2,000/	9,100	AISI 304	71040	SD-180-C
		2,000/	10,600	AISI 304	71041	SD-180-C
		2,000/	12,200	AISI 304	71042	SD-180-C
		2,000/	13,800	AISI 304	71043	SD-180-C
2,000/		15,200	AISI 304	71044	SD-180-C	
2,200/		6,000	AISI 304	-	SD-180-C	
2,200/		8,000	AISI 304	-	SD-180-C	
2,200/		9,800	AISI 304	-	SD-180-C	
2,200/		11,700	AISI 304	-	SD-180-C	
2,200/		13,500	AISI 304	-	SD-180-C	
2,200/		15,500	AISI 304	-	SD-180-C	
2,200/		17,300	AISI 304	-	SD-180-C	
2,200/	19,000	AISI 304	-	SD-180-C		
2,400/	7,200	AISI 304	-	SD-180-C		
2,400/	9,500	AISI 304	-	SD-180-C		
2,400/	11,500	AISI 304	-	SD-180-C		
2,400/	14,000	AISI 304	-	SD-180-C		
2,400/	16,000	AISI 304	-	SD-180-C		
2,400/	18,000	AISI 304	-	SD-180-C		
2,400/	20,500	AISI 304	-	SD-180-C		
2,400/	22,800	AISI 304	-	SD-180-C		
2,400/	25,000	AISI 304	-	SD-180-C		




**Floating lid available from ø 820mm  
also in material V4A (AISI 316)!**  
Surcharge to material AISI 316 on request

**ACCESSORIES LID AND CRANE (SCREW-ON AND SPARE PARTS)**




Item	Tank- $\varnothing$ mm	Material	Order No.	
			loose	mounted
 <p><b>Floating lid with heavy duty seal</b></p>	440-820	EPDM	-	SD-180-I
	1,000-1,400	EPDM	-	SD-180-I
	1,600-2,000	EPDM	-	SD-180-I
	2,200-2,400	EPDM	-	SD-180-I
 <p><b>Fermentation lock with bung for floating lid</b></p>	350-820	plastic rubber	21010	-
 <p><b>Fermentation tube with 2 balls including bung, straight version for tank capacity for floating lid</b></p>	1 Up to 10,000 litres	acrylic/ rubber	80430	-
	2 From 10.000 litres upwards		1,800-2,400	84874
 <p><b>Crane with cable pull for floating lid FO</b></p>	1,000/ 1,100	AISI 304	70256	GA- 17FA
	1,200/ 1,600	AISI 304	70257	GA- 17GA
	1,400/ 2,200	AISI 304	70258	GA-17HA
	1,400/ 3,300	AISI 304	71069	GA-17HB
	1,600/ 2,850	AISI 304	70263	GA- 17IA
	1,600/ 3,850	AISI 304	70261	GA- 17IB
	1,600/ 4,800	AISI 304	71070	GA- 17IC
	1,600/ 5,800	AISI 304	70264	GA- 17ID
	1,600/ 6,800	AISI 304	71047	GA- 17IE
	1,600/ 7,700	AISI 304	71048	GA- 17IF
	1,600/ 8,700	AISI 304	71049	GA- 17IG
	1,600/ 9,700	AISI 304	71050	GA- 17IH
	1,800/ 3,700	AISI 304	71051	GA-17KA
	1,800/ 4,900	AISI 304	70265	GA-17KB
	1,800/ 6,100	AISI 304	71052	GA-17KC
	1,800/ 7,400	AISI 304	71058	GA-17KD
1,800/ 8,600	AISI 304	71059	GA-17KE	
1,800/ 9,800	AISI 304	71053	GA-17KF	
1,800/ 11,000	AISI 304	71054	GA-17KG	
1,800/ 12,200	AISI 304	71055	GA-17KH	
 <p><b>Stable standpipe with lever, regardless of tank size - always on operating height</b></p>	2,000/ 4,500	AISI 304	71056	GA- 17LA
	2,000/ 6,000	AISI 304	71057	GA- 17LB
	2,000/ 7,600	AISI 304	71020	GA- 17LC
	2,000/ 9,100	AISI 304	71021	GA- 17LD
	2,000/ 10,600	AISI 304	71022	GA- 17LE
	2,000/ 12,200	AISI 304	71023	GA- 17LF
	2,000/ 13,800	AISI 304	71024	GA- 17LG
	2,000/ 15,200	AISI 304	71025	GA- 17LH

**Complete with effort-saving pulley for easy lifting of the floating lid**

## ACCESSORIES LID AND CRANE (SCREW-ON AND SPARE PARTS)



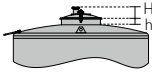
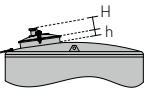
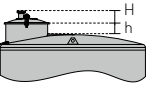
Item	Tank- $\phi$ mm	Material	Order No.		
			loose	mounted	
 <p><b>Crane with cable pull and hand winch</b> for floating lid FO</p>	1,400/ 2,200	AISI 304	76957	GA- 17MI	
	1,400/ 3,300	AISI 304	75045	GA- 17MJ	
	1,600/ 2,850	AISI 304	71071	GA- 17MA	
	1,600/ 3,850	AISI 304	71072	GA- 17MB	
	1,600/ 4,800	AISI 304	71073	GA- 17MC	
	1,600/ 5,800	AISI 304	71074	GA- 17MD	
	1,600/ 6,800	AISI 304	71075	GA- 17ME	
	1,600/ 7,700	AISI 304	71076	GA- 17MF	
	1,600/ 8,700	AISI 304	71077	GA- 17MG	
	1,600/ 9,700	AISI 304	71078	GA- 17MH	
	1,800/ 3,700	AISI 304	71079	GA- 17NA	
	1,800/ 4,900	AISI 304	71080	GA- 17NB	
	1,800/ 6,100	AISI 304	71081	GA- 17NC	
	1,800/ 7,400	AISI 304	71082	GA- 17ND	
	1,800/ 8,600	AISI 304	71083	GA- 17NE	
	1,800/ 9,800	AISI 304	71084	GA- 17NF	
	1,800/ 11,000	AISI 304	71085	GA- 17NG	
	1,800/ 12,200	AISI 304	71086	GA- 17NH	
	2,000/ 4,500	AISI 304	71087	GA- 17OA	
	2,000/ 6,000	AISI 304	71088	GA- 17OB	
	2,000/ 7,600	AISI 304	71089	GA- 17OC	
	2,000/ 9,100	AISI 304	71090	GA- 17OD	
	2,000/ 10,600	AISI 304	71091	GA- 17OE	
	2,000/ 12,200	AISI 304	71092	GA- 17OF	
	2,000/ 13,800	AISI 304	71093	GA- 17OG	
	2,000/ 15,200	AISI 304	71094	GA- 17OH	
	2,200/ 6,000	AISI 304	-	GA- 17PA	
	2,200/ 8,000	AISI 304	-	GA- 17PB	
	2,200/ 9,800	AISI 304	-	GA- 17PC	
	2,200/ 11,700	AISI 304	-	GA- 17PD	
	2,200/ 13,500	AISI 304	-	GA- 17PE	
	2,200/ 15,500	AISI 304	-	GA- 17PF	
	2,200/ 17,300	AISI 304	-	GA- 17PG	
2,200/ 19,000	AISI 304	-	GA- 17PH		
2,400/ 7,200	AISI 304	-	GA -17OI		
2,400/ 9,500	AISI 304	-	GA- 17OJ		
2,400/ 11,500	AISI 304	-	GA- 17OK		
2,400/ 14,000	AISI 304	-	GA- 17OL		
2,400/ 16,000	AISI 304	-	GA- 17OM		
2,400/ 18,000	AISI 304	-	GA- 17ON		
2,400/ 20,500	AISI 304	-	GA- 17OO		
2,400/ 22,800	AISI 304	-	GA- 17OP		
2,400/ 25,000	AISI 304	-	GA- 17OQ		
 <p><b>Dust lid</b> for FO, BO, SO-Z, KO, RO-Z</p>	440	AISI 304	70323	-	
	550	AISI 304	70324	-	
	630	AISI 304	70325	-	
	820	AISI 304	70326	-	
	1,000	AISI 304	70327	-	
	1,200	AISI 304	70328	-	
 <p><b>Sack support</b> for SO-Z, RO-Z</p>	1,400	AISI 304	68962	-	
	1 For tank 530 litres	820	AISI 304	70319	-
	2 For tank 750 litres	1,000	AISI 304	70320	-
	3 For tank 1,000 litres	1,200	AISI 304	70321	-

## ACCESSORIES LID AND CRANE (SCREW-ON AND SPARE PARTS)

Item	Tank-ø	Material	Order No.	Order No.	
	mm		loose	mounted	
<b>For floating lid</b>					
for BO, FO, F01, F02					
	Sealing hose, transparent	440	-	75422	-
	Sealing hose, black	440	-	79729	-
	Sealing hose, white	440	-	81943	-
	Sealing hose, transparent	550	-	63381	-
	Sealing hose, black	550	-	68950	-
	Sealing hose, white	550	-	81933	-
	Sealing hose, transparent	630	-	63382	-
	Sealing hose, black	630	-	68951	-
	Sealing hose, white	630	-	81934	-
	Sealing hose, transparent	820	-	63383	-
	Sealing hose, black	820	-	68952	-
	Sealing hose, white	820	-	81935	-
	Sealing hose, transparent	1,000	-	63384	-
	Sealing hose, black	1,000	-	68953	-
	Sealing hose, white	1,000	-	81936	-
	Sealing hose, transparent	1,200	-	63385	-
	Sealing hose, black	1,200	-	68954	-
	Sealing hose, white	1,200	-	81937	-
	Sealing hose, transparent	1,400	-	63386	-
	Sealing hose, black	1,400	-	68955	-
	Sealing hose, white	1,400	-	81938	-
	Sealing hose, transparent	1,600	-	63387	-
	Sealing hose, black	1,600	-	68956	-
	Sealing hose, white	1,600	-	81939	-
	Sealing hose, transparent	1,800	-	64882	-
	Sealing hose, black	1,800	-	68957	-
	Sealing hose, white	1,800	-	81940	-
	Sealing hose, transparent	2,000	-	64265	-
	Sealing hose, black	2,000	-	68958	-
	Sealing hose, white	2,000	-	81941	-
	Sealing hose, transparent	2,200	-	83982	-
	Sealing hose, black	2,200	-	83219	-
	Sealing hose, white	2,200	-	83983	-
	Sealing hose, transparent	2,400	-	83258	-
	Sealing hose, black	2,400	-	82429	-
	Sealing hose, white	2,400	-	83984	-

# >> Ventilation

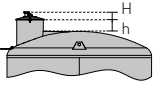



## ACCESSORIES VENTILATION (WELD-ON PIECES)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted	
<b>For dome lid</b> for BD, FD					
	Stainless steel vent connection AGG 1 1/2" (BSP) in lid with sealing cap (instead of drilled hole $\varnothing$ 38 mm with plastic blank cap)	440-820	AISI 304	-	OB041D
<b>Instead of filling and vent connection</b> <b>external thread NW50 Rd 78 x 1/6"</b> for wine tank FS-M0, AS-M0, MS-M0 RS-M0, RA-M0					
	External thread NW65 Rd 95 x 1/6" External thread 40 Macon Additional external thread 70 Macon Clamp 2"	820-3,600 820-3,600 820-3,600 820-3,600	AISI 316 AISI 316 AISI 316 AISI 316	- - - -	ES-080H ES-080D ES-080C ES-080L
<b>Filler neck</b>					
	<b>Filler neck located in the centre of the tank top</b> <ul style="list-style-type: none"> <li>&gt; Tank top without moulded channel</li> <li>&gt; Flap lid with NW 50, external thread Rd 78 x 1/6"</li> </ul>				
	1 NW400, h= 65 mm, H=approx. 195 mm 2 NW400, h=200 mm, H=approx. 330 mm 3 NW600, h= 100 mm, H=approx. 230 mm 4 NW600, h=200 mm, H=approx. 330 mm 5 NW800, h= 105 mm, H=approx. 160 mm (with filler neck protection) 6 NW1,000, h=200 mm, H=approx. 300 mm (with filler neck protection)	820-3,600 820-3,600 1,000-3,600 1,000-3,600 1,400-3,600 1,600-3,600	AISI 316 AISI 316 AISI 316 AISI 316 AISI 316 AISI 316	- - - - - -	OB-040L OB-040R OB-040Z OB-041F OB-041A OB-041H
	<b>Filler neck located in the tank top in a forward position</b> <ul style="list-style-type: none"> <li>&gt; Tank top without moulded channel for complete deaeration</li> <li>&gt; Flap lid with NW50, external thread Rd 78 x 1/6"</li> </ul>				
	1 NW200, h= 85 mm, H=approx. 185 mm 2 NW400, h= 65 mm, H=approx. 165 mm 3 NW600, h= 100 mm, H=approx. 230 mm	1,000-1,400 1,000-3,600 1,000-3,600	AISI 316 AISI 316 AISI 316	- - -	OB-040X OB-040F OB-040Y
	<b>Filler neck located in the tank top in a forward upright position</b> <ul style="list-style-type: none"> <li>&gt; Tank top with moulded channel for complete deaeration</li> <li>&gt; Flap lid with NW50, external thread Rd 78 x 1/6"</li> </ul>				
	1 NW200, h=approx. 150 mm, H=approx. 270 mm 2 NW400, h=approx. 150 mm, H=approx. 270 mm 3 NW600, h=approx. 150 mm, H=approx. 270 mm	1,000-2,000 Rectangular tanks dto. 1,400-2,000 Rectangular tanks	AISI 316 AISI 316 AISI 316	- - -	OB-041B OB-0400 OB-041C

Pay attention for sufficient space/height for the opening and handling of the domes.









New! Filling domes in lld (2R) surface

**ACCESSORIES VENTILATION (WELD-ON PIECES)**



	Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
	<p><b>Filler neck located in the tank top in a forward upright position, with vent channel</b></p> <ul style="list-style-type: none"> <li>&gt; Tank top without moulded channel</li> <li>&gt; Flap lid with NW50, external thread Rd 78x 1/6"</li> </ul> <p>NW400, h=approx. 200mm, H=approx. 320mm</p>	2,200-3,600	AISI 316	-	OB-040T
	<p><b>In flap lid instead of NW 50 Rd 78 x 1/6"</b></p> <ul style="list-style-type: none"> <li>1 Connection external thread 40 Macon</li> <li>2 Clamp 2"</li> </ul>	820-3,600	AISI 316	-	ES-080D
	<p><b>Vent outlet</b> with filling and vent connection NW50 Rd 78x 1/6"</p>	2,200-3,600	AISI 316	-	OB-040U
	<p><b>Drain outlet</b> with drain outlet elbow NW50 DIN 11851</p>	2,200-3,600	AISI 304	-	RA-151H



## ACCESSORIES VENTILATION (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
 <p><b>For dome lid</b> for BD, FD</p> <p>Complete replacement lid, new version with inner bracket closing with drilled hole <math>\emptyset</math> 38 mm and plastic blank cap to hold the fermentation lock with bung</p>	440-820	-	75555	-
 <p><b>Fermentation lock with bung</b> for BD, FD</p>	440-820	plastic rubber	21010	-
<p><b>To filling and vent connection</b> <b>external thread NW50 Rd 78 x 1/6"</b> for wine tank FS-M0, AS-M0, MS-M0, RS-M0, RA-M0</p>				
 <p><b>Fermentation tube with 2 compartments including bung, straight version for tank capacity</b></p> <p>1 Up to 10,000 litres</p> <p>2 From 10.000 litres upwards</p>	550-2,000 2,200-3,600	acrylic/ rubber	80430 84874	- -
 <p><b>Fermentation tube with 2 compartments including bung, inclined version for tank capacity</b></p> <p>1 Up to 10,000 litres</p> <p>2 From 10,000 litres upwards</p>	820-2,000 2,200-3,600	acrylic/ rubber	70371 84874	- -
 <p><b>Pressure compensating valve (spring-loaded) NW50 DIN 11851</b></p>	820-3,600	plastic	60911	-
 <p><b>Feed hopper</b></p>	820-3,600	plastic	46950	-
<p><b>To floating lid</b> for BO, FO, F01, F02</p>				
 <p>Air pump to be put into place</p>	-	-	63388	-
 <p>Air pump to be put into place completely made of stainless steel</p>	-	-	82028	-
<p>Angle holder for pump to be screwed-on</p>	-	-	73500	-
<p>Sealing kit to air pump</p>	-	-	45554	-
 <p>Vent connection orange for floating lid (up to <math>\emptyset</math> 820 mm)</p>	-	-	63865	-
 <p>Vent connection black for floating lid (from <math>\emptyset</math> 1,000 mm upwards) including sealings</p>	-	-	66224 + 65842 + 63791	-

## ACCESSORIES VENTILATION (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
<b>To dome</b> for BD, FD, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO				
	-	-	60094	-
Sealing for dome lid type BD/FD old version	-	-	74914	-
Sealing for dome lid type BD/FD new version	-	-	81769	-
	-	-	81770	-
Sealing for filler neck NW200	-	-	81756	-
Sealing for filler neck NW400	-	-		
Sealing for filler neck NW600	-	-		



















# » Racking outlet and bottom outlet

## ACCESSORIES RACKING OUTLET AND BOTTOM OUTLET (WELD-ON PIECES)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted	
<b>To racking outlet drilled hole 48 mm</b>					
for wine tank FS-M0, AS-M0, MS-M0, RS-M0, RA-M0					
<b>Weld-on gland with thread</b>					
	1 NW 40 DIN 11851	630-820	AISI 304	-	KA-120C
	2 NW 50 DIN 11851	630-3,600	AISI 304	-	KA-120D
	3 NW 65 DIN 11851	820-3,600	AISI 304	-	KA-120L
	4 NW 80 DIN 11851	1.000-3,600	AISI 304	-	KA-121C
	5 NW 100 DIN 11851	1.000-3,600	AISI 304	-	KA-120X
	6 NW 125 DIN 11851	1.000-3,600	AISI 304	-	KA-120Y
	7 Clamp 1 1/2"	820-3,600	AISI 304	-	KA-120Z
	8 Clamp 2"	820-3,600	AISI 304	-	KA-121D
	9 Clamp 2 1/2"	820-3,600	AISI 304	-	KA-121E
	10 NW50 with flange 100x100	820-3,600	AISI 304	-	KA-120E
<b>Instead of bottom outlet external thread</b>					
<b>NW40 DIN 11851</b>					
for variable capacity tank FO, wine tank FS-M0, AS-M0					
	<b>Weld-on bow</b>				
	1 NW50 DIN 11851	630-820	AISI 304	-	RA-150B
	2 NW65 DIN 11851	820	AISI 304	-	RA-150G
	3 NW50 with flange 100x100	820	AISI 304	-	RA-150C
	4 Clamp 1 1/2"	630-820	AISI 304	-	RA-151B
5 Clamp 2"	630-820	AISI 304	-	RA-151C	
<b>Instead of bottom outlet external thread</b>					
<b>NW50 DIN 11851</b>					
for variable capacity tank FO, wine tank FS-M0, AS-M0					
	<b>Weld-on bow</b>				
	1 NW 40 DIN 11851	820-3,600	AISI 304	-	RA-150A
	2 NW 65 DIN 11851	820-3,600	AISI 304	-	RA-150G
	3 NW 80 DIN 11851	1.000-3,600	AISI 304	-	RA-150X
	4 NW 100 DIN 11851	1.000-3,600	AISI 304	-	RA-150Y
	5 MG 90	1.000-3,600	AISI 304	-	RA-150Z
	6 NW50 with flange 100x100	820-3,600	AISI 304	-	RA-150C
	7 Clamp 1 1/2"	820-3,600	AISI 304	-	RA-151B
	8 Clamp 2"	820-3,600	AISI 304	-	RA-151C
	9 Clamp 2 1/2"	820-3,600	AISI 304	-	RA-151D
10 Macon 40	820-3,600	AISI 304	-	RA- 151I	
<b>Instead of total juice outlet</b>					
<b>external thread NW 65 DIN 11851</b>					
for FD-MT, FD-IT, FD-MÜ, FD-DF, FD-MK, FD-MKEH					
	<b>Weld-on bow</b>				
	NW 80 DIN 11851	-	AISI 304	RA-151A	-
	NW 100 DIN 11851	-	AISI 304	RA-151B	-
	NW 125 DIN 11851	-	AISI 304	RA-151C	-
	MG 90	-	AISI 304	RA-151D	-
	Clamp 1 1/2"	-	AISI 304	RA-151B	-
	Clamp 2"	-	AISI 304	RA-151C	-
Clamp 2 1/2"	-	AISI 304	RA-151D	-	




## ACCESSORIES RACKING OUTLET AND BOTTOM OUTLET (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted	
<b>Taps etc. G3/4"</b>					
for BD, FD, B0, F0					
	Drain valve G3/4" (BSP) with counter nut	350-550	AISI 304	65276	-
	Drain valve G3/4" (BSP)	350-550	red brass chrome-plated	65079	-
	Ball valve AG/AG G3/4" (BSP)	350-550	AISI 304	75104	-
	Drain valve G3/4" (BSP)	350-550	plastic	21013	-
	Blank bung G3/4" (not shown)	350-550	plastic	60068	-
<b>Taps etc. G1"</b>					
for BD, FD, B0, F01					
	Sealing cap G1" (BSP)	630-820	AISI 304	64938	-
	Drain valve with cap nut G1" (BSP)	630-820	AISI 304	65277	-
	Ball valve AGG1" (BSP)	630-820	AISI 304	64939	-
	Outlet elbow 90° with cap nut G1" (BSP)	630-820	plastic	64852	-
	Transmission: IG1" outgoing unit WKN	630-820	AISI 304	67832	-
	Transmission: IG1" outgoing unit MZR	630-820	AISI 304	67833	-
<b>Taps etc. G1 1/4"</b>					
for BD, FD, B0, F01					
	1 Ball valve outlet AG G1 1/4" (BSP)	630-820	AISI 304	64940	-
	2 Ball valve outlet IG G1 1/4" (BSP)	630-820	AISI 304	64941	-
	Sealing cap G1 1/4" (BSP)	630-820	AISI 304	64960	-
<b>Taps etc. G2 1/2"</b>					
for FD-B					
	Sealing cap G2 1/2" (BSP)	-	AISI 304	63921	-
	Ball valve NW65 IGG2 1/2" (BSP)	-	Ms-tin-coated	64944	-
	Bolt connection NW65 AGG2 1/2" x AG Rd 95 x 1/6"	-	AISI 304	65094	-

## ACCESSORIES RACKING OUTLET AND BOTTOM OUTLET (SCREW-ON AND SPARE PARTS)


Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted	
<p><b>To racking outlet thread and bottom outlet thread</b> for F0, F02, wine tank FS-MO, AS-MO, MS-MO, RS-MO, RA-MO</p>					
<b>Sealing cap</b>					
	1 NW40 DIN 11851	630-820	AISI 304	62982	-
	2 NW50 DIN 11851	1,000-3,000	AISI 304	62983	-
	3 NW65 DIN 11851	1,000-3,000	AISI 304	65475	-
	4 Gr. 37 W47x 1/9"	-	AISI 304	63969	-
	5 Macon 40	-	AISI 304	68380	-
	6 G 1 1/4"	-	AISI 304	64960	-
<b>Disc valve NW40 with security locking device and sealing caps with chain</b>					
	1 Outlet NW40 DIN 11851	630-820	AISI 304	61375	-
	2 Outlet WKN	630-820	AISI 304	61376	-
	3 Outlet Mzr. 32	630-820	AISI 304	61377	-
	4 Outlet Pfälzer 38	630-820	AISI 304	63008	-
<b>Disc valve NW50 with security locking device and sealing caps with chain</b>					
	1 Outlet NW40 DIN 11851	1,000-3,600	AISI 304	64948	-
	2 Outlet NW50 DIN 11851	1,000-3,600	AISI 304	64945	-
	3 Outlet WKN	1,000-3,600	AISI 304	64946	-
	4 Outlet Mzr. 32	1,000-3,600	AISI 304	63109	-
	5 Outlet Pfälzer 38	1,000-3,600	AISI 304	64947	-
<b>Disc valve with security locking device and sealing caps with chain</b>					
	1 NW25 DIN 11851	630-3,600	AISI 304	66417	-
	2 NW32 DIN 11851	630-3,600	AISI 304	66418	-
	3 NW65 DIN 11851	630-3,600	AISI 304	66235	-
	4 NW80 DIN 11851	1,000-3,600	AISI 304	72747	-
	5 Clamp 1 1/2"	550-3,600	AISI 304	79567	-
	6 Clamp 2"	550-3,600	AISI 304	79568	-
	7 Clamp 2 1/2"	550-3,600	AISI 304	79569	-
<b>Bevel seat valve with sealing cap and chain</b>					
	1 NW40 DIN 11851	1,000-1,600	AISI 304	81606	-
	2 NW50 DIN 11851	1,000-1,600	AISI 304	80738	-

## ACCESSORIES RACKING OUTLET AND BOTTOM OUTLET (SCREW-ON AND SPARE PARTS)



Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
 <p><b>Ball valves with sealing cap with chain</b>            &gt; Cap nut on tank side/outlet AG on tank side</p>				
1 NW 25 DIN 11851	-	AISI 304	66420	-
2 NW 32 DIN 11851	-	AISI 304	66421	-
3 NW 40 DIN 11851	-	AISI 304	65797	-
4 NW 50 DIN 11851	-	AISI 304	65158	-
5 NW 65 DIN 11851	-	AISI 304	65159	-
6 NW 80 DIN 11851	-	AISI 304	66413	-
7 NW 100 DIN 11851	-	AISI 304	66414	-
8 NW 125 DIN 11851	-	AISI 304	65684	-
9 MG 90	-	AISI 304	65539	-
10 Clamp 1 1/2"	-	AISI 304	79571	-
11 Clamp 2"	-	AISI 304	79572	-
12 Clamp 2 1/2"	-	AISI 304	79573	-
<b>Ball valve NW40 DIN 11851</b>				
1 Outlet 4/4" S	630-820	AISI 304	86583	-
2 Outlet 5/4" WG	630-820	AISI 304	81790	-
3 Outlet 6/4" WG	630-820	AISI 304	86391	-
<b>Ball valve NW50 DIN 11851</b>				
1 Outlet 4/4" S	630-3,600	AISI 304	86584	-
2 Outlet 5/4" WG	630-3,600	AISI 304	79309	-
3 Outlet 6/4" WG	630-3,600	AISI 304	86391	-
<p><b>To racking outlet drilled hole 48mm</b>            for wine tank FS-MO, AS-MO, MS-MO, RS-MO, RA-MO</p>				
 <p><b>Flap valve Gr. 37</b></p>				
	630-3,600	AISI 304	60802	KA-120I
 <p><b>Racking valve for flap valve Gr. 37</b></p>				
1 Outlet NW40 DIN 11851	630-3,600	AISI 304	64955	-
2 Outlet NW50 DIN 11851	630-3,600	AISI 304	64954	-
3 Outlet WKN	630-3,600	AISI 304	64956	-
4 Outlet Mzr. 32	630-3,600	AISI 304	64957	-
5 Outlet Pfälzer 38	630-3,600	AISI 304	64958	-

## » Sampling

### ACCESSORIES SAMPLING (WELD-ON PIECES)


Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
 <p><b>Sampling</b> for variable capacity tank F0, F01, F02</p>				
Weld-on thread NW10 DIN 11851	630–2,000	AISI 304	-	PE-100A
Weld-on thread NW20 DIN 11851	630–2,000	AISI 304	-	PE-100E

### ACCESSORIES SAMPLING (SCREW-ON AND SPARE PARTS)



Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
 <p><b>Sampling</b> for variable capacity tank F0, F01, F02, wine tank FS-M0, AS-M0, MS-M0, RS-M0, RA-M0</p>				
Sampling tap with cap nut NW10 DIN 11851	630–2,000	AISI 304	64949	-
Sampling tap with cap nut NW20 DIN 11851	630–2,000	AISI 304	65583	-
 <p>For sparkling wine pressure tank FS-M0-8B</p>				
Sampling tap with cap nut NW20 DIN 11851	1,000–1,600	AISI 304	79362	-
Sparkling wine sampling device suited for 0,75 litres bottles including hose pipes for the foam-less sampling	1,000–1,600	-	86727	-
Sealing kit for sampling tap NW10/1/2"	-	-	45506	-
Sealing kit for sampling tap NW20	-	-	84712	-

## » Fill level indication

### ACCESSORIES LEVEL INDICATION (WELD-ON PIECES)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
 <p><b>To fill level</b> for variable capacity tank FO, F02</p> <p>Weld-on thread NW 10 DIN 11851</p>	630-2,000	AISI 304	-	FS-130A

### ACCESSORIES LEVEL INDICATION (SCREW-ON AND SPARE PARTS)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
<p><b>To fill level</b> for variable capacity tank FO, F02</p>  <p><b>Fill level indicator NW10</b>            &gt; Weld-on thread NW10 and fastening points            &gt; Sight glass valve NW 10 DIN 11851            &gt; Acrylic glass clear-view pipe NW 10            &gt; Stainless steel protection strip with litres scale</p> <p><b>1</b> Up to 999 litres tank capacity      630- 820      AISI 304      -      FS-130 G  <b>2</b> Up to 4,999 litres tank capacity      1,000- 2,000      AISI 304      -      FS-130 H  <b>3</b> Up to 10,000 litres tank capacity      1,600- 2,000      AISI 304      -      FS-130 I  <b>4</b> Up to 15,200 litres tank capacity      1,800- 2,000      AISI 304      -      FS-130 K</p> <p><b>5</b> Up to 999 litres tank capacity      630- 820      AISI 304      FSA*      -  <b>6</b> Up to 4,999 litres tank capacity      1,000- 2,000      AISI 304      FSA*      -  <b>7</b> Up to 10,000 litres tank capacity      1,600- 2,000      AISI 304      FSA*      -  <b>8</b> Up to 15,200 litres tank capacity      1,800- 2,000      AISI 304      FSA*      -</p> <p>When ordering level indicator "loose" please also mention the type of tank and the tank's capacity along with the Order No.</p>				
 <p><b>Fill level indicator NW20</b>            &gt; Weld-on thread NW20 and fastening points            &gt; Sight glass valve NW20 DIN 11851            &gt; Acrylic glass clear-view pipe NW20            &gt; Stainless steel protection strip with litres scale</p> <p><b>1</b> Up to 4,999 litres tank capacity      1,000-1,800      AISI 304      -      FS -130V  <b>2</b> Up to 10,000 litres tank capacity      1,600-2,000      AISI 304      -      FS-130W  <b>3</b> Up to 15,200 litres tank capacity      1,800-2,000      AISI 304      -      FS -130X</p> <p>Sealing kit for sight glass valve NW 10/1/2"      -      -      45504      -</p> <p>Sealing kit for sight glass valve NW20      -      -      84713      -</p> <p>Sight glass valve NW10      -      -      64065      -            Sight glass valve 1/2"      -      -      63190      -</p>				

## ACCESSORIES LEVEL INDICATION (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
------	-------------------------	----------	--------------------	----------------------

### To fill level

for wine tank FS-M0, AS-M0,  
MS-M0, RS-M0, RA-M0, RS-M0-Q,  
RA-M0-Q

### Fill level indicator NW 10

- › Weld-on thread NW 10  
and fastening points
- › Sight glass valve NW 10 DIN 11851
- › Acrylic glass clear-view pipe NW 10
- › Stainless steel protection strip with litres scale



1 Up to 999 litres tank capacity	820-1,000	AISI 304	FSA*	FS-130G
2 Up to 4,999 litres tank capacity	820-2,000	AISI 304	FSA*	FS-130H
3 Up to 10,000 litres tank capacity	1,400-1,600	AISI 304	FSA*	FS-130I
4 Up to 20,000 litres tank capacity	1,800-3,600	AISI 304	FSA*	FS-130K
5 Up to 50,000 litres tank capacity	2,000-3,600	AISI 304	FSA*	FS-130P
6 Up to 100,000 litres tank capacity	2,000-3,600	AISI 304	FSA*	FS-131Z

When ordering level indicator "loose" please also mention the type of tank and the tank's capacity along with the Order No.

### Fill level indicator NW 20

- › Weld-on thread NW 20 und and fastening  
points
- › Sight glass valve NW 20 DIN 11851
- › Acrylic glass clear-view pipe NW 20
- › Stainless steel protection strip with litres scale



1 Up to 999 litres tank capacity	820-1,000	AISI 304	-	FS-130U
2 Up to 4,999 litres tank capacity	820-2,000	AISI 304	-	FS-130V
3 Up to 10,000 litres tank capacity	1,400-2,600	AISI 304	-	FS-130W
4 Up to 20,000 litres tank capacity	1,800-3,600	AISI 304	-	FS-130X
5 Up to 50,000 litres tank capacity	2,000-3,600	AISI 304	-	FS-130Y
6 Up to 100,000 litres tank capacity	2,000-3,600	AISI 304	-	FS-130Z

### Fill level indicator NW 20

- › Calibratable with millimeter scale  
and type plate

1 Up to 999 litres tank capacity	820-1,000	AISI 304	-	FS-130L
2 Up to 4,999 litres tank capacity	820-2,000	AISI 304	-	FS-130M
3 Up to 10,000 litres tank capacity	1,400-2,600	AISI 304	-	FS-130N
4 Up to 20,000 litres tank capacity	1,800-3,600	AISI 304	-	FS-130O
5 Up to 33,000 litres tank capacity	2,000-3,600	AISI 304	-	FS-130Q

### Genuine glass pipe for fill level indicator NW 10 (surcharge)

1 Up to 999 litres tank capacity	820-1,000	glass	-	EGR-101
2 Up to 4,999 litres tank capacity	820-1,000	glass	-	EGR-102

### Genuine glass pipe for fill level indicator NW 20 (surcharge)

1 Up to 999 litres tank capacity	820-1,000	glass	-	EGR-201
2 Up to 4,999 litres tank capacity	820-1,000	glass	-	EGR-202

For pressure tank FS-M0-8B

### Fill level indicator NW 10

- › With litres scale with pressure-  
resistant fabric tube
- › Closed version

1 Up to 4,999 litres tank capacity	1,000-1,400	AISI 304	-	FS-130H
2 Up to 10,000 litres tank capacity	1,600	AISI 304	-	FS-130I

## » Temperature measurement

### ACCESSORIES TEMPERATURE MEASUREMENT (WELD-ON PIECES)



#### For local temperature regulation

for wine tank F0, FS-M0, AS-M0,  
MS-M0, RS-M0, RA-M0, RS-M0-Q, RA-M0-Q

T1=Front left, beside level indicator (not for 900x1,400 and 1,100x1,600)

T2=In a central position at the back

T3=At the back 45° left

T4=Long side front left (only RS-M0/RA-M0, only for connection position C1-C4)

T5=Long side at the back right (only RS-M0/RA-M0, only for connection position C5-C8)

T6=Front right beside level indicator, level indicator offset to the left (not for 900x1,400 und 1,100x1,600)

T7=Front right beside level indicator, Level indicator on standard position


Height always according to position standard temperature measurement

	Tank- $\emptyset$ mm	Material	Order No. mounted
<b>Possible choices</b>			
T1=Weld-on gland NW10 DIN 11851	820-2,000	AISI 304	TS1A
T1=Drilled hole $\emptyset$ 13 mm	+Rectangular tanks	AISI 304	TS1B
T1=Drilled hole $\emptyset$ 18 mm		AISI 304	TS1C
T1=Weld-on gland NW20 DIN 11851		AISI 304	TS1D
	820-2,000		
T2=Weld-on gland NW10 DIN 11851	+Rectangular tanks	AISI 304	TS2A
T2=Drilled hole $\emptyset$ 13 mm		AISI 304	TS2B
T2=Drilled hole $\emptyset$ 18 mm		AISI 304	TS2C
	820-2,000		
T3=Weld-on gland NW10 DIN 11851	820-2,000	AISI 304	TS3A
T3=Drilled hole $\emptyset$ 13 mm		AISI 304	TS3B
T3=Drilled hole $\emptyset$ 18 mm		AISI 304	TS3C
	Rectangular tanks		
T4=Weld-on gland NW10 DIN 11851	Rectangular tanks	AISI 304	TS4A
T4=Drilled hole $\emptyset$ 13 mm		AISI 304	TS4B
T4=Drilled hole $\emptyset$ 18 mm		AISI 304	TS4C
	Rectangular tanks		
T5=Weld-on gland NW10 DIN 11851	Rectangular tanks	AISI 304	TS5A
T5=Drilled hole $\emptyset$ 13 mm		AISI 304	TS5B
T5=Drilled hole $\emptyset$ 18 mm		AISI 304	TS5C
	1,000-2,000		
T6=Weld-on gland NW10 DIN 11851	+Rectangular tanks	AISI 304	TS6A
T6=Drilled hole $\emptyset$ 13 mm		AISI 304	TS6B
T6=Drilled hole $\emptyset$ 18 mm		AISI 304	TS6C
T6=Weld-on gland NW20 DIN 11851		AISI 304	TS6D
	820-2,000		
T7=Weld-on gland NW10 DIN 11851	+Rectangular tanks	AISI 304	TS7A
T7=Drilled hole $\emptyset$ 13 mm		AISI 304	TS7B
T7=Drilled hole $\emptyset$ 18 mm		AISI 304	TS7C
T7=Weld-on gland NW20 DIN 11851		AISI 304	TS7D

Due to technical reasons the position of the connection can differ in some cases.





## TEMPERATURE MEASUREMENT ACCESSORIES (WELD-ON PIECES)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
<p><b>To temperature measurement</b> for wine tank FS-M0, AS-M0, MS-M0, RS-M0, RA-M0, RS-M0-Q, RA-M0-Q</p>				
	<p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>                      &gt; Measuring range - 20°C to +60°C                      &gt; For threaded sleeve, L = 125 mm                      &gt; Weld-on thread                      NW 10 DIN 11851</p>			
	820-3,600	AISI 304	-	TM-140C
	<p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>                      &gt; Measuring range - 20°C to +60°C                      &gt; For threaded sleeve, L = 250 mm                      &gt; Weld-on thread                      NW 10 DIN 11851</p>			
	820-3,600	AISI 304	-	TM-140D
<p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>                      &gt; Measuring range in °C and °Fahrenheit                      &gt; For threaded sleeve, L = 125 mm                      &gt; Weld-on thread                      NW 10 DIN 11851</p>				
820-3,600	AISI 304	-	TM-140E	
<p>For pressure tank FS-M0-8B</p>				
<p><b>Bi-metal dial thermometer 100mm <math>\emptyset</math></b>                      &gt; Measuring range - 20°C to +60°C                      &gt; For threaded sleeve to thermometer</p>				
1,000-1,600	AISI 304	-	TM-140F	








## TEMPERATURE MEASUREMENT ACCESSORIES (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted	
<p><b>To temperature measurement</b> for wine tank F0, FS-M0, AS-M0, MS-M0, RS-M0, RA-M0, RS-M0-Q, RA-M0-Q</p>					
 <p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>            &gt; Measuring range -20°C to +60°C            &gt; For threaded sleeve, L = 125 mm</p>	820-3,600	AISI 304	63887	-	
	 <p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>            &gt; Measuring range -20°C to +60°C            &gt; For threaded sleeve, L = 250 mm</p>	820-3,600	AISI 304	83975	-
		<p><b>Bi-metal dial thermometer 100 mm <math>\emptyset</math></b>            &gt; Measuring range in °C and °Fahrenheit            &gt; For threaded sleeve, L = 125 mm</p>	820-3,600	AISI 304	73558
<p><b>Threaded sleeve to thermometer</b>            &gt; L = 125 mm</p>	820-3,600	AISI 304	64071	-	
<p><b>Threaded sleeve to thermometer</b>            &gt; L = 250 mm</p>	820-3,600	AISI 304	83976	-	





## » Manhole, mash doors and bottom outlets


### ACCESSORIES MANHOLE, MASH DOORS AND BOTTOM OUTLETS (WELD-ON PIECES)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
<p><b>Manhole</b> for variable capacity tank FO, KO, ST-T</p>  <p>Manhole neck seamlessly moulded out of tank shell 420x320 mm LW door with food-safe sealing, gap-free and vulcanised, butterfly bow and hand wheel</p>	820-3,000	AISI 304	-	ML-110A
<p><b>Mash door</b> for variable capacity tank FO, KO, ST-T</p>  <p>Mash door B=310xH=420 mm at the bottom, with outwards opening door</p>	1,000-2,000	AISI 304	-	ML-110D
 <p>Mash door B=400xH=530 mm at the bottom, with outwards opening door</p>	1,000-2,000	AISI 304	-	ML-110E
<p><b>Instead of standard manhole</b></p>  <p>Mash door B=310xH=420 mm at the bottom, with outwards opening door</p>	1,000-2,000	AISI 304	-	ML-110K
 <p>Mash door B=400xH=530 mm at the bottom, with outwards opening door</p>	1,000-2,000	AISI 304	-	ML-110L
For container loading				
Removable door fitting assembly for small mash door 310x420 mm	1,000-2,000	AISI 304	-	81789
Removable door fitting assembly for large mash door 400x530 mm	1,000-2,000	AISI 304	-	81622

## ACCESSORIES MANHOLE, MASH DOORS AND BOTTOM OUTLETS (WELD-ON PIECES)




Item	Tank- $\emptyset$ mm	Material	Order No.	Order No.
			loose	mounted
<b>Mash bottom outlet</b> for FO, FS-M0				
	<b>For <math>\emptyset</math> 1,000 to 1,400 mm</b>			
	<b>mash bottom outlet with hinged door</b>			
	<b>B=420xH=310 mm</b>			
	<ul style="list-style-type: none"> <li>&gt; Opens towards the outside; the door is left hinged (door handle on the right)</li> <li>&gt; Lateral bottom outlet neck NW50 DIN 11851</li> <li>&gt; Elevated legs for discharge height 580 mm</li> <li>&gt; Tank height H = approx. 260 mm</li> </ul>			
	1,000	AISI 304	-	ML-110M
	1,200	AISI 304	-	ML-110M
	1,400	AISI 304	-	ML-110M
<b>Ab <math>\emptyset</math> 1,600 mm</b>				
<b>mash bottom outlet with hinged door</b>				
<b>B=530xH=400 mm</b>				
<ul style="list-style-type: none"> <li>&gt; Opens towards the outside; the door is left hinged (door handle on the right)</li> <li>&gt; Lateral bottom outlet neck NW50 DIN 11851</li> <li>&gt; Elevated legs for discharge height 580 mm</li> <li>&gt; Tank height H = +approx. 360 mm</li> </ul>				
	1,600	AISI 304	-	ML-110M
	1,800	AISI 304	-	ML-110M
	2,000	AISI 304	-	ML-110M
	2,200	AISI 304	-	ML-110M
	2,400	AISI 304	-	ML-110M
	2,600	AISI 304	-	ML-110M
	2,800	AISI 304	-	ML-110M
	3,000	AISI 304	-	ML-110M
<b>Instead of mash door</b> for tank type FO-M				
	<b>Mash bottom outlet with hinged door</b>			
	<b>small</b> (surcharge for type FO-M)			
	B=420xH=310 mm, opens towards the outside; the door is left hinged, lateral bottom outlet neck NW50			
	DIN 11851, elevated legs for discharge height 580 mm			
	1,000	AISI 304	-	ML-100M
	1,200	AISI 304	-	ML-100M
	1,400	AISI 304	-	ML-100M
<b>Mash bottom outlet with hinged door</b>				
<b>big</b> (surcharge for type FO-M)				
B=530xH=400 mm, opens towards the outside; the door is left hinged, lateral bottom outlet neck NW50				
DIN 11851, elevated legs for discharge height 580 mm				
	1,600	AISI 304	-	ML-100M
	1,800	AISI 304	-	ML-100M
	2,000	AISI 304	-	ML-100M

## ACCESSORIES MANHOLE, MASH DOORS AND BOTTOM OUTLETS (SCREW-ON AND SPARE PARTS)



Item	Tank- $\emptyset$ mm	Material	Order No.	Order No.
			loose	mounted
<b>For BD/FD, FS-M0, AS-M0, MS-M0, RS-M0, RA-M0</b>				
	Sealing to be slipped over for standard manhole			
	420x320	-	79028	-
	Sealing to be slipped over for small manhole			
	320x250	-	81485	-
	Sealing to be slipped over for manhole Zimmerlin			
	340x440	-	81353	-
Sealing to be glued in place for standard manhole				
420x320	-	60786	-	
Sealing to be glued in place for small manhole				
320x250	-	62593	-	
Glue Terokal 58gr.				
-	-	65389	-	

## » Legs

### ACCESSORIES LEGS (WELD-ON PIECES)


Item	Tank-ø mm	Material	Order No. loose	Order No. mounted	
<b>Tank legs</b>					
for variable capacity tank FO, wine tank FS-MO, MS-MO					
	Short version standard- 100mm	820-2,000	-	-	FA-030B
	Long version standard + 92mm	820	-	-	FA-030C
	Long version standard + 219mm	1,000	-	-	FA-030C
	Long version standard + 176mm	1,200	-	-	FA-030C
	Long version standard + 168mm	1,400	-	-	FA-030C
	Long version standard + 138mm	1,600	-	-	FA-030C
	Long version standard + 136mm	1,800	-	-	FA-030C
	Long version standard + 96mm	2,000	-	-	FA-030C
Short version standard- 100mm	2,200-3,000	-	-	FA-030B	
Long version standard + 100mm	2,200-3,000	-	-	FA-030C	
For rectangular tank RS-MO					
Short version standard - 100mm	900x1,400 bis 1,500x2,000	-	-	FA-030B	
Long version standard + 156mm	900x1,400	-	-	FA-030C	
Long version standard + 156mm	1,100x1,600	-	-	FA-030C	
Long version standard + 156mm	1,300x1,800	-	-	FA-030C	
Long version standard + 107mm	1,500x2,000	-	-	FA-030C	
For rectangular tank RS-MO-Q					
Short version standard- 100mm	1,400x1,400	-	-	FA-030B	
Long version standard + 156mm	1,400x1,400	-	-	FA-030C	
Special leg lengths available on request in increments of approx. 100mm					
	PE-base for transportation and storage	820	PE	66186	FA-030E
		1,000	PE	66187	FA-030E
		1,200	PE	66188	FA-030E
	Transportation base on rolls for 240 litres - Heightening H=+approx. 160mm	-	PE	77400	-

## ACCESSORIES LEGS (SCREW-ON AND SPARE PARTS)


Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted	
<b>Special discharge height</b>					
 <p>for tank types FD-MT, FD-IT, FD-MÜ, FD-DF, MBT, FD-MK, FD-MKEH  <b>Special discharge height</b> leg extensions, discharge height from 600 mm to 1,000 mm in increments of approx. 100 mm</p> <p>for FO-M <math>\emptyset</math> 1,000–1,400 mm  <b>Special discharge height</b> leg extensions for type FO-M <math>\emptyset</math> 1,000 mm –1,400 mm, discharge height from 600 mm to 1,000 mm in increments of approx. 100 mm</p> <p>for FO-M <math>\emptyset</math> 1.600–2.000 mm  <b>Special discharge height</b> leg extensions for type FO-M <math>\emptyset</math> 1,600 mm –2,000 mm, discharge height 600 mm to 1,000 mm in increments of approx. 100 mm</p>	1,600–2,800	-	-	FA-030S	
	1,000–1,400	-	-	FA-030S	
	1,600–2,000	-	-	FA-030S	
<b>Adjustment of height</b>					
 <p><b>Adjustable feet for tank legs</b>            Levelling range of adjustable feet for tank legs            &gt; M20 min. 55 mm–max. 100 mm            &gt; M24 min. 60 mm–max. 130 mm            &gt; M30 min. 80 mm–max. 170 mm            &gt; M36 min. 90 mm–max. 210 mm</p> <p>For variable capacity tank FO, wine tank FS-M0, MS-M0</p> <p>1 Set= 3 pieces per tank M20            2 Set= 6 pieces per tank M20            3 Set= 6 pieces per tank M24            4 Set= 8 pieces per tank M24            5 Set= 8 pieces per tank M30            6 Set= 10 pieces per tank M30            7 Set= 12 pieces per tank M30            8 Set= 14 pieces per tank M30            9 Set= 16 pieces per tank M30            10 Set= 10 pieces per tank M36            11 Set= 12 pieces per tank M36            12 Set= 14 pieces per tank M36            13 Set= 16 pieces per tank M36</p> <p>For rectangular tank RS-M0</p> <p>14 Set= 4 pieces per tank</p> <p>For sparkling wine pressure tank FS-M0-8B</p> <p>15 Set= 6 pieces per tank M20            16 Set= 8 pieces per tank M24</p>	1,000–1,200	-	46127	-	
	1,400–1,600	-	46125	-	
	1,800–2,000	-	46128	-	
	2,200–2,800	-	46129	-	
	2,800–3,200	-	46134	-	
	2,600–3,600	-	46130	-	
	3,200–3,600	-	46135	-	
	3,200–3,600	-	46136	-	
	3,600	-	46139	-	
	3,200	-	46220	-	
	3,200–3,600	-	46221	-	
	3,600	-	46137	-	
	3,600	-	46138	-	
	-	-	-	46126	-
	-	-	-	46125	-
-	-	-	46129	-	

# » Pipes


## ACCESSORIES PIPES (WELD-ON PIECES)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted	
<b>To cleaning</b>					
Cleaning spray head, perforation 360° with clip fastener including cleaning pipe connection DIN 11851 at tank front side, drawn off to operating height					
	Spray head DN40: Flow rate at 1.0 bar ~12 m³/h Flow rate at 2.5 bar ~19 m³/h H=+ approx. 150 mm				
	Spray head DN50: Flow rate at 1.0 bar ~28 m³/h Flow rate at 2,5 bar ~44 m³/h H=+ approx. 150 mm				
	DN40 to 10,000 litres tank capacity	1,000–2,400	AISI 304	-	RL-40A
	DN40 to 20,000 litres tank capacity	1,000–2,400	AISI 304	-	RL-40B
	DN40 to 30,000 litres tank capacity	1,000–2,400	AISI 304	-	RL-40C
	DN50 to 10,000 litres tank capacity	1,000–3,600	AISI 304	-	RL-50A
DN50 to 20,000 litres tank capacity	1,000–3,600	AISI 304	-	RL-50B	
DN50 to 50,000 litres tank capacity	1,000–3,600	AISI 304	-	RL-50C	
Spray head NW40 detachable from outside	1,000–3,600	AISI 304	-	RL-41A	
Spray head NW50 detachable from outside	1,000–3,600	AISI 304	-	RL-51A	
Connection from cleaning pipe to fill level indicator H=+ approx. 50 mm	1,000–3,600	AISI 304	-	VL-50A	
Connection from cleaning pipe to filler neck with spray head NW20	1,000–3,600	AISI 304	-	VL-50B	
<b>To filling</b>					
Filling pipe NW50 drawn off to operating height Connection NW50 DIN 11851 H = + approx. 150 mm					
Up to 10,000 litres tank capacity	1,000–2,600	AISI 304	-	BF-100A	
Up to 10,000 litres tank capacity	1,600–3,600	AISI 304	-	BF-200B	
Up to 33,000 litres tank capacity	1,000–3,600	AISI 304	-	BF-300C	
<b>Vent pipe</b>					
for sparkling wine pressure tank FS-MO-8B					
Stainless steel pipeline NW25 drawn off to operating height connection NW25 DIN 11851 H=+ approx. 150 mm					
	1,000–1,600	AISI 304	-	EL-100A	

## ACCESSORIES PIPES (WELD-ON PIECES)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
<b>Inundation pipe</b>				
for mash-plunger type FD-MT, FD-MBT, FD-MK, FD-MKEH				
	Stainless steel pipe NW50 with self-rotating sprinkling system, connection thread NW50 DIN 11851			
Tank capacity up to 10,000 litres	1,600–2,400	AISI 304	-	ÜF-1
Tank capacity up to 20,000 litres	2,000–2,800	AISI 304	-	ÜF-2
Tank capacity up to 30,000 litres	2,400–2,800	AISI 304	-	ÜF-3
Flooder removable from outside	-	-	-	AE-MT
For internal plunger type FD-IT				
Stainless steel pipe NW50 with 2 self-rotating sprinkling systems connection thread NW50 DIN 11851				
Tank capacity up to 10,000 litres	1,600–2,400	AISI 304	-	ÜF-4
Tank capacity up to 20,000 litres	2,000–2,800	AISI 304	-	ÜF-5
Tank capacity up to 30,000 litres	2,400–2,800	AISI 304	-	ÜF-6
Flooder removable from outside	-	-	-	AE-MT




## ACCESSORIES PIPES (SCREW-ON AND SPARE PARTS)

Item	Tank- $\emptyset$ mm	Material	Order No. loose	Order No. mounted
<b>Sparkling wine armature for ventilation pipe</b>				
for sparkling wine pressure tank FS-M0-8B				
	Sparkling wine armature with bevel seat through valve			
Left:	Block valve NW10 DIN 11851 with manometer, including connection NW20 with sealing cap for nitrogen feeding			
Right:	Safety valve (working pressure 8.0 bar)			
	1,000–1,600	AISI 304	-	SA-100A




# » Stirring device connections, flanges and supplementary threads

## STIRRING DEVICE CONNECTIONS/FLANGES/SUPPLEMENT CONNECTIONS (WELD-ON PIECES)

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted	
<b>Stirring device flange</b>					
For standard seal flange stirring device mounted on the side of the tank shell for stirring angle 30°–45°, with reinforcement ring, flange and fastening bolts, flange is inclined inwards to avoid air bubbles					
	Flange-DN 150	1,600–3,600	AISI 304	-	FL-150A
	Flange-DN 200	1,600–3,600	AISI 304	-	FL-200A
	Flange-DN 250	1,600–3,600	AISI 304	-	FL-250A
For standard stirring devices vertical at tank top, for upright standing stirring device, with reinforcement ring and fastening bolts					
	Flange-DN 150	1,600–3,600	AISI 304	-	FZ-150A
	Flange-DN 200	1,600–3,600	AISI 304	-	FZ-200A
	Flange-DN 250	1,600–3,600	AISI 304	-	FZ-250A
Stirring device on request under specification of the necessary process data					
<b>Weld-on gland</b>					
Weld-on gland horizontally at tank shell (from NW40 upwards with reinforcing plate) DIN 11851 or Clamp DIN 32676/DIN 11864					
	NW 20	820–3,600	AISI 304	-	SH-020A
	NW 25	820–3,600	AISI 304	-	SH-025A
	NW 32	820–3,600	AISI 304	-	SH-032A
	NW 40	820–3,600	AISI 304	-	SH-040A
	NW 50	820–3,600	AISI 304	-	SH-050A
	NW 65	820–3,600	AISI 304	-	SH-065A
	NW 80	820–3,600	AISI 304	-	SH-080A
	NW 100	1,000–3,600	AISI 304	-	SH-100A
	NW 125	1,000–3,600	AISI 304	-	SH-125A
	NW 150	1,000–3,600	AISI 304	-	SH-150A

**STIRRING DEVICE CONNECTIONS / FLANGES / SUPPLEMENT CONNECTIONS (WELD-ON PIECES)**

Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted	
<b>Weld-on gland</b>					
Weld-on gland vertically at tank top or tank bottom DIN 11851 or Clamp DIN 32676 / DIN 11864					
	NW 20				
	NW 25	820-3,600	AISI 304	-	SV-020A
	NW 32	820-3,600	AISI 304	-	SV-025A
	NW 40	820-3,600	AISI 304	-	SV-032A
	NW 50	820-3,600	AISI 304	-	SV-040A
	NW 65	820-3,600	AISI 304	-	SV-050A
	NW 80	820-3,600	AISI 304	-	SV-065A
	NW 100	820-3,600	AISI 304	-	SV-080A
	NW 125	1,000-3,600	AISI 304	-	SV-100A
NW 150	1,000-3,600	AISI 304	-	SV-125A	
	1,000-3,600	AISI 304	-	SV-150A	

**Instead of stirring device connection neck AG 37 W 47 x 1/9"**  
for S0-Z, R0-Z



Item	Tank- $\varnothing$ mm	Material	Order No. loose	Order No. mounted
<b>Stirring device connection neck</b>				
External thread NW40 DIN 11851	820-1,200	AISI 304	-	RW-160B
External thread NW50 DIN 11851	820-1,200	AISI 304	-	RW-160C
External thread 40 Macon	820-1,200	AISI 304	-	RW-160D
Without stirring device connection neck	820-1,200	AISI 304	-	RW-160E



# » Control modes, automation, mash and juice extraction

## CONTROL MODES , AUTOMATION, MASH AND JUICE EXTRACTION (WELD-ON PIECES)

### Item

Order No.  
mounted

#### Automatic temperature regulation with target indicator and actual indicator



#### Mash heating:

Desired start temperature for fermentation – insert target value "Heating". The heating switches itself off automatically when target value is reached.

#### Mash cooling:

In order to avoid exceeding the desired fermentation temperature insert target value "cooling". The cooling switches itself on automatically via a solenoid valve and cools the mash down until the desired fermentation temperature is either reached or maintained.

Version including solenoid valves.

For connection to locally available warm water/cold water source

For mash plunger

type FD-MT, FD-IT, FD-DF, SD-MGRL, FD-MBT

DMS-1

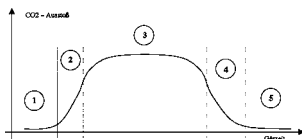
For mash flooder type FD-MÜ

DMS-2

#### Dynamic mash fermentation tank control system "Speidel Dynamics"



Optionally you can also acquire our new dynamic mash fermentation tank control system instead of the conventional regulation. The control system measures the current emission via a corrosion-resistant probe head at the tank's vent connection. The probe head transmits the data measured continuously to the control system. This way the control system recognizes when the fermentation starts and, depending on intensity, in which phase the fermentation process is.



For reasons of simplification the control system is divided in altogether five phases.

The aforementioned parameters like for example immersion, flooding and temperature can be programmed individually within these phases. The devices and temperatures are thus exactly linked to the development of the fermentation. The recognition of the phases is carried out by fixed, programmable limiting values. Unwanted or unnecessary mixing procedures are avoided. The temperature can be perfectly adapted to the desired fermentation process.

The winemaker has much more time available and achieves a perfect performance of the entire mash fermentation. This way the extraction and the quality of the end product can be perfected significantly. The new control system includes the possibility to regulate the parameters immersion cylinder (immersion), pump (inundation) and temperature in the fermentation process. The regulation can be regulated either by the conventional or by the new dynamic principle.

For mash plunger type FD-MT, FD-IT

DMS-3

## CONTROL MODES , AUTOMATION, MASH AND JUICE EXTRACTION (WELD-ON PIECES)

## Item

Order No.  
mounted**Pneumatic slide feed proportioning**

with inching function, manual control element mounted on tank

The compressor's pressurised air must be prepared with an air preparation unit! We recommend the following air preparation units:

- FESTO FRC-1/2-D-MIDI-A (Order No. 159591)
- SMC AC40A-F04DE

For mash tank model  
FD-MTTS, FD-MTAS, FD-ITTS,  
FD-ITAS, FD-MÜTS, FD-MÜAS,  
FD-DFTS, FD-DFAS

PSD-1

**Pump with regulation for juice pumlover**

Permanently installed rotary pump on stainless steel console with stainless steel covering

Delivery volume 10.0 cbm/h  
Delivery height 14.0 m (1,4 bar)  
Power 1.1 kW  
Tension 400,0 V

complete pipe installation for juice pumlover with disc valve NW50 DIN 11851 for locking and disc valve NW50 DIN 11851 for extraction (on the pressure side)

complete pipe installation for juice extraction connection with locking disc valve NW50 DIN 11851, sight glass and disc valve NW50 DIN 11851 for extraction (pressure-less)

Pump and interval time controllable

For mash tank model FD-MT, FD-IT

WP-100A

For mash flooder model FD-MÜ

WP-100B

## CONTROL MODES , AUTOMATION, MASH AND JUICE EXTRACTION (WELD-ON PIECES)

### Item

Order No.  
mounted



#### Juice extractor sieves

for mash tank model  
FD-MT, FD-IT, FD-MÜ, FD-DF

With large surface (900 mm high),  
easily removable, material AISI 304,  
juice extraction NW50 DIN 11851

Ventilation via fill level indicator  
(level indicator required)

#### Number of sieves

Up to 3,850 litres tank capacity	1	ESS-1
Up to 7,800 litres tank capacity	2	ESS-2
Up to 15,000 litres tank capacity	3	ESS-3
Up to 20,000 litres tank capacity	4	ESS-4
Up to 25,000 litres tank capacity	5	ESS-5
Up to 30,000 litres tank capacity	6	ESS-6

For model FO-M  
with large surface (650 mm high),  
easily removable, material AISI 304,  
juice extraction NW50 DIN 11851

Ventilation via fill level indicator  
(level indicator required)

#### Number of sieves

Up to 3,850 litres tank capacity	1	ESS- 7
Up to 7,800 litres tank capacity	2	ESS- 8
Up to 15,000 litres tank capacity	3	ESS- 9
Up to 20,000 litres tank capacity	4	ESS-10



#### Grape seed output

An additional seed collector collects  
the seeds in a slot in the sandwich  
bottom. From there, the seeds are  
released via a ball valve DN 65 as  
necessary (price without ball valve)

For tanks with automatic mash  
release model FD-MTAK, FD-MTAS,  
FD-MÜAK, FD-MÜAS

KF-1



#### Pressure inundation system

4 removable, individually lockable  
spray valves are laterally arranged  
on the tank. They serve for the mixing  
of the mash by air impulses

For mash plunger model  
type FD-MT, FD-IT

DFS-1

For mash flooder type FD-MÜ

DFS-2

**CONTROL MODES , AUTOMATION, MASH AND JUICE EXTRACTION (WELD-ON PIECES)**

**Item**

**Order No.**  
mounted



**Manhole**

for FD-MT

**Oval manhole** 420x320 mm LW, complete with door and electric fuse

ML-110A

for SD-MGRL

**Manhole** 420x320 mm, LW, door with bow and hand wheel with electric fuse

ML-110S

**Pinch bars**

for FD-MBT

Pinch bars vertically moulded on the sides of the tank shell, for better mixing of the mash

**1** Up to 10,000 litres tank capacity

BS-100A

**2** Up to 20,000 litres tank capacity

BS-100B

**3** Up to 30,000 litres tank capacity

BS-100C

**Mash bottom outlet**

**Hinged door (hinged upwards)**

(Instead of standard version with left hinged door)

ML-1100



**Connecting pipe**

From pump (inlet side) to sight glass valve of the fill level indicator with gate valve for air dosage (possible only in addition to pump and fill level indicator)

LG-100A

**PE Grape tipping tub**

› Dimensionally stable due to compound walls with stabilising funnels outside

› Inside with smooth walls

› No rips, no dirty angles, perfectly hygienic

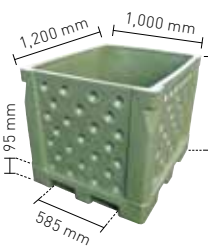
› Easy cleaning, also outside

› Tiltable from all four sides (with special pallet truck)

› Tiltable (filled: 2 tubs on top of each other at a time; empty: endless)

› Dark green, food safe PE-plastic (recyclable)

10002







Cover hood made of food safe canvas

10006

## » Insulation, tank approval, tank labelling, additional costs for modification

### ACCESSORIES (MISCELLANEOUS)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
<b>Insulation</b>				
 <p><b>Insulation thoroughly welded</b> Tank completely insulated, insulation material mineral wool/ Armaflex, casing with stainless steel sheet, AISI 304, marbled outside/IIIc, longitudinal joints and transverse joints thoroughly welded</p>	1,000–1,600	-	-	ISO-100A
 <p><b>Insulation rivetted/screwed</b> Tank completely insulated, insulation material mineral wool/ Armaflex, casing with stainless steel sheet, AISI 304, marbled outside/ IIIc, longitudinal joints and transverse joints rivetted or screwed</p>	1,000–1,600	-	-	ISO-200A
<b>Tank labelling</b>				
 <p>Sticker for tank labelling</p>	820–3,600	-	83978	-
<b>Tank approval</b>				
 <p>for pressure tanks in accordance with the guideline for pressure devices 97/23/EG</p> <p>TÜV-test with documentation (for each tank)</p>	1,000–1,600	-	TÜV-001	-
<p>TÜV-test with documentation (one only for each entire order)</p>	1,000–1,600	-	TÜV-002	-
<b>Additional costs for modification</b>				
In case of variations from the listed version (plus additional costs of the structural element)	350–820	-	00024	-
	1,000–3,000	-	00019	-