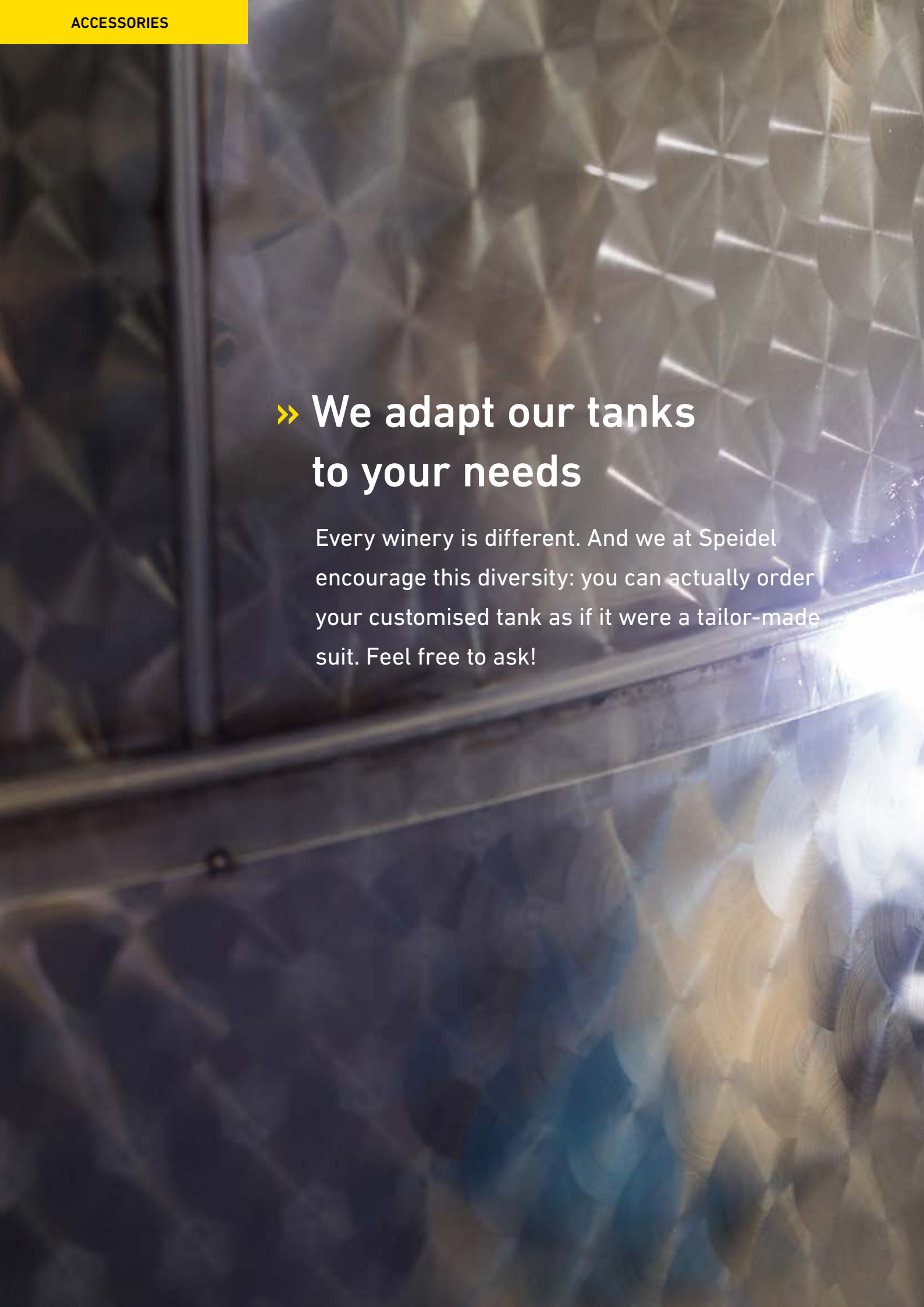


» We adapt our tanks to your needs

Every winery is different. And we at Speidel encourage this diversity: you can actually order your customised tank as if it were a tailor-made suit. Feel free to ask!

» Lid and crane

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

Floating lid
› **BO, FO**
› With sealing hose (natural-coloured / transparent), air hose, air pump manometer and vent screw connection

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

Tank-ø mm	Material	Order No. loose	Order No. mounted
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

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

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
Additional costs for floating lid with white sealing	440– 820	TPE	-	SD-180-I
	1,000– 1,400	TPE	-	SD-180-I
	1,600– 2,000	TPE	-	SD-180-I
	2,200– 2,400	TPE	-	SD-180-I
Fermentation lock with bung for floating lid	350– 820	plastic / rubber	21010	-
Fermentation tube with two balls including bung, straight version for tank capacity for floating lid				
1 Up to 10,000 litres	550– 2,000	acrylic / rubber	80430	-
2 From 10,000 litres upwards	1,800– 2,400		84873	-
Crane with cable pull				
› Floating lid FO	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
	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

Stable standpipe with lever, regardless of tank size – always on operating height

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

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

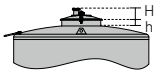
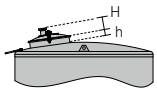
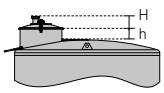
	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	Crane with cable pull and hand winch				
	› Floating lid FO	1,400 / 2,200	AISI 304	76957	GA- 17MI
		1,400 / 3,300	AISI 304	75045	GA- 17MJ
		1,600 / 2,850	AISI 304	71071	GA- 17MA
		1,600 / 3,850	AISI 304	71072	GA- 17MB
		1,600 / 4,800	AISI 304	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- 170A
		2,000 / 6,000	AISI 304	71088	GA- 170B
		2,000 / 7,600	AISI 304	71089	GA- 170C
		2,000 / 9,100	AISI 304	71090	GA- 170D
		2,000 / 10,600	AISI 304	71091	GA- 170E
		2,000 / 12,200	AISI 304	71092	GA- 170F
		2,000 / 13,800	AISI 304	71093	GA- 170G
		2,000 / 15,200	AISI 304	71094	GA- 170H
		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 -170I
		2,400 / 9,500	AISI 304	-	GA- 170J
		2,400 / 11,500	AISI 304	-	GA- 170K
		2,400 / 14,000	AISI 304	-	GA- 170L
		2,400 / 16,000	AISI 304	-	GA- 170M
		2,400 / 18,000	AISI 304	-	GA- 170N
		2,400 / 20,500	AISI 304	-	GA- 170O
		2,400 / 22,800	AISI 304	-	GA- 170P
		2,400 / 25,000	AISI 304	-	GA- 170Q
	Dust lid				
	› FO, BO, SO-Z, KO, RO-Z	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	-
		1,400	AISI 304	68962	-
	Sack support				
	› SO-Z, RO-Z				
	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)

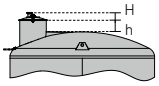
	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	For floating lid › BO, FO, FO1, FO2				
	Sealing hose				
	1 Transparent	440	-	75422	-
	2 Black	440	-	79729	-
	3 White	440	-	95774	-
	4 Transparent	550	-	63381	-
	5 Black	550	-	68950	-
	6 White	550	-	95775	-
	7 Transparent	630	-	63382	-
	8 Black	630	-	68951	-
	9 White	630	-	95776	-
	10 Transparent	820	-	63383	-
	11 Black	820	-	68952	-
	12 White	820	-	95777	-
	13 Transparent	1,000	-	63384	-
	14 Black	1,000	-	68953	-
	15 White	1,000	-	95778	-
	16 Transparent	1,200	-	63385	-
	17 Black	1,200	-	68954	-
	18 White	1,200	-	95779	-
	19 Transparent	1,400	-	63386	-
	20 Black	1,400	-	68955	-
	21 White	1,400	-	95780	-
	22 Transparent	1,600	-	63387	-
	23 Black	1,600	-	68956	-
	24 White	1,600	-	95781	-
	25 Transparent	1,800	-	64882	-
	26 Black	1,800	-	68957	-
	27 White	1,800	-	95782	-
	28 Transparent	2,000	-	64265	-
	29 Black	2,000	-	68958	-
	30 White	2,000	-	95783	-
	31 Transparent	2,200	-	83982	-
	32 Black	2,200	-	83219	-
	33 White	2,200	-	95784	-
	34 Transparent	2,400	-	83258	-
	35 Black	2,400	-	82429	-
	36 White	2,400	-	95785	-
	Air pump for hanging	-	-	63388	-
	Air pump for hanging, completely made of stainless steel	-	-	82028	-
	Angle holder for pump to be screwed-on	-	-	73500	-
	Sealing kit for air pump	-	-	45554	-
	Vent connection orange for floating lid (up to ø 820 mm)	-	-	63865	-
	Vent connection black incl. sealing for floating lid (up to ø 1,000 mm)	-	-	66224 + 65842 + 63791	-
	Ladder bracket	1,000–2,000	AISI 304	-	LB070C

» Ventilation

ACCESSORIES VENTILATION (WELD-ON PIECES)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	For dome lid **› BD, FD**				
	Stainless steel vent connection AG G 1 1/2" (BSP) in lid with sealing cap › Instead of drilled hole ø 38 mm with plastic blank cap	440–820	AISI 304	-	OB-041D
	Instead of filling and vent connection external thread NW 50 Rd 78 x 1/6" **› FS-M0, AS-M0, MS-M0, RS-M0, RA-M0**				
	Filling and vent connection				
	1 External thread NW 65 Rd 95 x 1/6"	820–3,600	AISI 316	-	ES-080H
	2 External thread 40 Macon	820–3,600	AISI 316	-	ES-080D
	3 Additional external thread 70 Macon	820–3,600	AISI 316	-	ES-080C
	4 Clamp 2"	820–3,600	AISI 316	-	ES-080L
	Dome »pressureless«				
	**Filler neck located in the centre of the tank top** › Tank top without moulded channel › Flap lid with NW 50, external thread Rd 78 x 1/6"		**Pay attention for sufficient space / height for the opening and handling of the domes.**		
	1 NW 400, h = 65 mm, H = approx. 195 mm	820–3,600	AISI 316	-	OB-040L
	2 NW 400, h = 200 mm, H = approx. 330 mm	820–3,600	AISI 316	-	OB-040R
	3 NW 600, h = 100 mm, H = approx. 230 mm	1,000–3,600	AISI 316	-	OB-040Z
	4 NW 600, h = 200 mm, H = approx. 330 mm	1,000–3,600	AISI 316	-	OB-041F
	5 NW 800, h = 105 mm, H = approx. 160 mm (with filler neck protection)	1,400–3,600	AISI 316	-	OB-041A
	6 NW 1,000, h = 200 mm, H = approx. 300 mm (with filler neck protection)	1,600–3,600	AISI 316	-	OB-041H
	**Filler neck located in the tank top in a forward position** › Tank top without moulded channel without complete deaeration › Flap lid with NW 50, external thread Rd 78 x 1/6"				
	1 NW 200, h = 85 mm, H = approx. 185 mm	1,000–1,400	AISI 316	-	OB-040X
	2 NW 400, h = 65 mm, H = approx. 165 mm	1,000–3,600	AISI 316	-	OB-040F
	3 NW 600, h = 100 mm, H = approx. 230 mm	1,000–3,600	AISI 316	-	OB-040Y
	**Filler neck located in the tank top in a forward upright position** › Tank top with moulded channel for complete deaeration › Flap lid with NW 50, external thread Rd 78 x 1/6"		**Filling domes in IIId (2R) surface**		
	1 NW 200, h = approx. 150 mm, H = approx. 270 mm	1,000–2,000 Rectangular tanks	AISI 316	-	OB-041B
	2 NW 400, h = approx. 150 mm, H = approx. 270 mm	do.	AISI 316	-	OB-040O
	3 NW 600, h = approx. 150 mm, H = approx. 270 mm	1,400–2,000 Rectangular tanks	AISI 316	-	OB-041C

ACCESSORIES VENTILATION (WELD-ON PIECES)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	**Filler neck located in the tank top in a forward upright position, with vent channel** › Tank top with weld-on vent › Flap lid with NW 50, external thread Rd 78 x 1/6" NW 400, h = approx. 200 mm, H = approx. 320 mm	2,200–3,600	AISI 316	-	OB-040T
	Filler neck in flap lid instead of NW 50 Rd 78 x 1/6" **1** Connection external thread 40 Macon **2** Clamp 2"	820–3,600 820–3,600	AISI 316 AISI 316	- -	ES -080D ES -080L
	Vent outlet › With filling and vent connection NW 50 Rd 78 x 1/6"	2,200–3,600	AISI 316	-	OB -040U
	Drain outlet › With drain outlet elbow NW 50 DIN 11851	2,200–3,600	AISI 304	-	RA-151H
	L-Dome › NW200 › NW400	1,000–3,000 1,000–3,000	AISI 316 AISI 316	- -	OB-041J OB-041K
	Whirl breaker	-	AISI 304	-	RA-141I

ACCESSORIES VENTILATION (SCREW-ON AND SPARE PARTS)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	For dome lid › BD, FD **Complete replacement lid** › New version with inner bracket closing › With drilled hole ø 38 mm and plastic blank cap to hold the fermentation lock with bung	440-820	-	75555	-
	For lid UF **Lid without venting screw connection, clamping ring and ball knob** **1** Ø 280 mm **2** Ø 350 mm **3** Ø 440 mm	- - -	- - -	95494 95495 95496	- - -
	Clamping ring for UF lid **1** Ø 280 mm **2** Ø 350 mm **3** Ø 440 mm	- - -	- - -	91856 76691 76692	- - -
	Fermentation lock with bung	440–820	plastic, rubber	21010	-

ACCESSORIES VENTILATION (SCREW-ON AND SPARE PARTS)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To filling and vent connection external thread NW 50 Rd 78 x 1/6" › FS-M0, AS-M0, MS-M0, RS-M0, RA-M0				
	Fermentation tube with two compartments including bung, straight version				
	1 For tank capacity up to 10,000 litres	550–2,000	acrylic /	80430	-
	2 For tank capacity from 10,000 litres upwards	2,200–3,600	rubber	84873	-
	Fermentation tube with two compartments including bung, inclined version				
	1 For tank capacity up to 10,000 litres	820–2,000	acrylic /	70371	-
	2 For tank capacity from 10,000 litres upwards	2,200–3,600	rubber	84874	-
	Pressure compensating valve (spring-loaded) NW 50 DIN 11851	820–3,600	plastic	60911	-
	Feed hopper	820–3,600	plastic	46950	-
	To dome / lid › BD, FD, UF, FS-M0, AS-M0, MS-M0, RS-M0, RA-M0				
	Seals				
	1 Sealing for dome lid BD / FD: old version	-	-	60094	-
	2 Sealing for dome lid BD / FD: new version	-	-	74914	-
	3 For clamping ring lid UF Ø 280 mm	-	-	91859	-
	4 For clamping ring lid UF Ø 350 mm	-	-	76685	-
	5 For clamping ring lid UF Ø 440 mm	-	-	76686	-
	6 Sealing for filler neck NW 200 (EPDM rubber)	-	-	87850	-
	7 Sealing for filler neck NW 400 (EPDM rubber)	-	-	86386	-
	8 Sealing for filler neck NW 600 (EPDM rubber)	-	-	87976	-
	9 Sealing for filler neck NW 200 (silicone) - standard	-	-	87852	-
	10 Sealing for filler neck NW 400 (silicone) - standard	-	-	87750	-
	11 Sealing for filler neck NW 600 (silicone) - standard	-	-	87857	-

» Racking outlet and bottom outlet

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To racking outlet drilled hole 48 mm				
	› FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO				
	Weld-on gland with thread				
	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 NW 50 with flange 100 x 100 mm	820–3,600	AISI 304	-	KA -120E
	Instead of bottom outlet external thread NW 40 DIN 11851				
	› FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO				
	Weld-on bow				
	1 NW 50 DIN 11851	630– 820	AISI 304	-	RA -150B
	2 NW 65 DIN 11851	820	AISI 304	-	RA -150G
	3 NW 50 with flange 100 x 100	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
	Instead of bottom outlet external thread NW 50 DIN 11851				
	› FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO				
	Weld-on bow				
	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 NW 50 with flange 100 x 100	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
	Instead of total juice outlet external thread NW 65 DIN 11851				
	› FD-MT, FD-IT, FD-MÜ, FD-DF, FD-MK, FD-MKEH				
	Weld-on bow				
	1 NW 80 DIN 11851	-	AISI 304	RA-151A	-
	2 NW 100 DIN 11851	-	AISI 304	RA-151B	-
	3 NW 125 DIN 11851	-	AISI 304	RA-151C	-
	4 MG 90	-	AISI 304	RA-151D	-
	5 Clamp 1 1/2"	-	AISI 304	RA-151B	-
	6 Clamp 2"	-	AISI 304	RA-151C	-
	7 Clamp 2 1/2"	-	AISI 304	RA-151D	-

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	Taps etc. G 3/4" › BD, FD, BO, FO				
	Drain valve G 3/4" (BSP) with counter nut	350–550	AISI 304	65276	-
	Drain valve G 3/4" (BSP)	350–550	red brass chrome-plated	65079	
	Ball valve AG / AG G 3/4" (BSP)	350–550	AISI 304	75104	-
	Drain valve G 3/4" (BSP)	350–550	plastic	21013	-
	Blank bung G 3/4" (not shown)	350–550	plastic	60068	-
	Taps etc. G 1" › BD, FD, BO, FO1				
	Sealing cap G 1" (BSP)	630–820	AISI 304	64938	-
	Drain valve with cap nut G 1" (BSP)	630–820	AISI 304	65277	-
	Ball valve AG G 1" (BSP)	630–820	AISI 304	64939	-
	Outlet elbow 90° with cap nut G 1" (BSP)	630–820	plastic	64852	-
	Transmission: IG 1" outgoing unit WKN	630–820	AISI 304	67832	-
	Transmission: IG 1" outgoing unit MZR	630–820	AISI 304	67833	-
	Taps etc. G 1 1/4" › BD, FD, BO, FO1				
	Ball valve outlet AG G 1 1/4" (BSP)	630–820	AISI 304	64940	-
	Ball valve outlet IG G 1 1/4" (BSP)	630–820	AISI 304	64941	-
	Sealing cap G 1 1/4" (BSP)	630–820	AISI 304	64960	-
	Taps etc. G 2 1/2"				
	Sealing cap G 2 1/2" (BSP)	-	AISI 304	63921	-
	Ball valve NW 65 IG G 2 1/2" (BSP)	-	Ms-tin-coated	64944	-
	Bolt connection NW 65 AG G 2 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-ø mm	Material	Order No. loose	Order No. mounted
	To racking outlet thread and bottom outlet thread › F0, F02, FS-M0, AS-M0, MS-M0, RS-M0, RA-M0				
	Sealing cap	630–3,000	AISI 304	76493	-
	1 NW 25 DIN 11851	630–3,000	AISI 304	62982	-
	2 NW 40 DIN 11851	1,000–3,000	AISI 304	62983	-
	3 NW 50 DIN 11851	1,000–3,000	AISI 304	65475	-
	4 NW 65 DIN 11851	-	AISI 304	63969	-
	5 Gr. 37 W 47 x 1/9"	-	AISI 304	68380	-
	6 Macon 40	-	AISI 304	64960	-
	7 G 1 1/4"	630–3,000	AISI 304	64524	-
	8 3/4"				
	Disc valve NW 40 with end-position locking and sealing caps with chain				
	1 Outlet NW 40 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	-
	Disc valve NW 50 with end-position locking and sealing caps with chain				
	1 Outlet NW 40 DIN 11851	1,000–3,600	AISI 304	64948	-
	2 Outlet NW 50 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	-
	Disc valve with end-position locking and sealing caps with chain				
	1 NW 25 DIN 11851	630–3,600	AISI 304	66417	-
	2 NW 32 DIN 11851	630–3,600	AISI 304	66418	-
	3 NW 65 DIN 11851	630–3,600	AISI 304	66235	-
	4 NW 80 DIN 11851	1,000–3,600	AISI 304	72747	-
	5 RJT 1 1/2"	1,000–3,600	AISI 304	84908	-
	6 RJT 2"	1,000–3,600	AISI 304	84909	-
	Disc valve clamp with end-position locking and stainless steel pincer grip				
	1 Clamp 1 1/2"	550–3,600	AISI 304	79567	-
	2 Clamp 2"	550–3,600	AISI 304	79568	-
	3 Clamp 2 1/2"	550–3,600	AISI 304	79569	-
	Bevel seat valve with sealing cap and chain				
	1 NW 40 DIN 11851	1,000–1,600	AISI 304	81606	-
	2 NW 50 DIN 11851	1,000–1,600	AISI 304	80738	-

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	Ball valves with sealing cap with chain				
	› Cap nut on tank side / outlet AG				
	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	-
	Ball valve NW 40 DIN 11851				
	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	86390	-
	Ball valve NW 50 DIN 11851				
	1 Outlet 4/4" S	630–820	AISI 304	86584	-
	2 Outlet 5/4" WG	630–820	AISI 304	79309	-
	3 Outlet 6/4" WG	630–820	AISI 304	86391	-
	Swivel armature (without sight glass)				
	› Racking outlet nozzle NW50/NW65 required				
	› for additional racking outlet (please see page 190)				
	1 On tank side DN 50 Discharge DN 40	1,000–3,600	AISI 304	92769	KA-122A
	2 On tank side DN 50 Discharge DN 50	1,000–3,600	AISI 304	92770	KA-122B
	3 On tank side DN 65 Discharge DN 50	1,000–3,600	AISI 304	92771	KA-122C
	Sight glass (with safety grid)				
	1 DN 40	1,000–3,600	AISI 304	84151	-
	2 DN 50	1,000–3,600	AISI 304	84140	-
	To racking outlet drilled hole 48 mm › FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO				
	Flap valve Gr. 37	630–3,600	AISI 304	60802	KA-120I
	To racking outlet drilled hole 53 mm (optinal extras)				
	Angled flap valve Gr. 37	630–3,600	AISI 304	81746	KA-121I
	Racking valve for flap valve Gr. 37				
	1 Outlet NW 40 DIN 11851	630–3.600	AISI 304	64955	-
	2 Outlet NW 50 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-ø mm	Material	Order No. loose	Order No. mounted
	To sampling › F0, F01, F02				
	Weld-on thread				
	1 NW 10 DIN 11851	630–2,000	AISI 304	-	PE-100A
	2 NW 20 DIN 11851	630–2,000	AISI 304	-	PE-100E

ACCESSORIES SAMPLING (SCREW-ON AND SPARE PARTS)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To sampling › F0, F01, F02, FS-M0, AS-M0,MS-M0, RS-M0, RA-M0				
	Sampling tap with cap nut				
	1 NW 10 DIN 11851	630–2,000	AISI 304	64949	-
	2 NW 20 DIN 11851	630–2,000	AISI 304	65583	-
	Sealing kit				
	1 For sampling tap NW 10 / 1/2"	-	-	45506	-
	2 For sampling tap NW 20	-	-	84712	-
	To sampling › FS-M0-8B				
	Sampling tap with cap nut NW 20 DIN 11851	1,000–1,600	AISI 304	79362	-
	Sparkling wine sampling device › Suited for 0.75 litre bottles › Including hose pipes for the foam-less sampling	1,000–1,600	AISI 304	86727	-

» Fill level indication

ACCESSORIES FILL LEVEL INDICATION (WELD-ON PIECES)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To fill level › F0, F02				
	Weld-on thread NW 10 DIN 11851	630–2,000	AISI 304	-	FS-130A

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To fill level › F0, F02				
	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 litre scale				
	1 Up to 999 litres tank capacity	630– 820	AISI 304	-	FS -130G
	2 Up to 4,999 litres tank capacity	1,000–2,000	AISI 304	-	FS -130H
	3 Up to 10,000 litres tank capacity	1,600–2,000	AISI 304	-	FS -130I
	4 Up to 15,200 litres tank capacity	1,800–2,000	AISI 304	-	FS -130K
	5 Up to 999 litres tank capacity	630– 820	AISI 304	FSA*	-
	6 Up to 4,999 litres tank capacity	1,000–2,000	AISI 304	FSA*	-
	7 Up to 10,000 litres tank capacity	1,600–2,000	AISI 304	FSA*	-
	8 Up to 15,200 litres tank capacity	1,800–2,000	AISI 304	FSA*	
	Fill level indicator NW 20				
	› Weld-on thread NW 20 and fastening points				
	› Sight glass valve NW 20 DIN 11851				
	› Acrylic glass clear-view pipe NW 20				
	› Stainless steel protection strip with litre scale				
	1 Up to 4,999 litres tank capacity	1,000–1,800	AISI 304	-	FS -130V
	2 Up to 10,000 litres tank capacity	1,600–2,000	AISI 304	-	FS -130W
	3 Up to 15,200 litres tank capacity	1,800–2,000	AISI 304	-	FS -130X
	Sealing kit for sight glass valve				
	1 NW 10 / 1/2"	-	-	45504	-
	2 NW 20	-	-	84713	-
	Sight glass valve				
	1 NW 10	-	-	64065	-
	2 1/2"	-	-	63190	-

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

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
To fill level › FS-MO, AS-MO, MS-MO, RS-MO, RA-MO, RS-MO-Q, RA-MO-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 litre 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 a fill 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 and fastening points › Sight glass valve NW 20 DIN 11851 › Acrylic glass clear-view pipe NW 20 › Stainless steel protection strip with litre scale				
1 Up to 999 litres tank capacity	820–1,000	AISI 304	-	FS -130S
2 Up to 4,999 litres tank capacity	820–2,000	AISI 304	-	FS -130R
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 -130U
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
* Please note the information on additional costs for tanks with calibrated level indicator on page 196				
Macrolon tube for fill level indicator NW 10 (surcharge)				
1 Up to 999 litres tank capacity	820–1.000	macrolon	-	MCR -101
2 Up to 4,999 litres tank capacity	820–2.000	macrolon	-	MCR -102
3 Up to 10,000 litres tank capacity	1.400–2.000	macrolon	-	MCR -103
Genuine glass pipe for fill level indicator NW 20 (surcharge)				
1 Up to 4,999 litres tank capacity	820–1,400	glass	-	EGR-202
To fill level › FS-MO-8B				
Fill level indicator NW 10 › With litre scale with pressure-resistant fabric tube › Closed version				
1 Up to 4,999 litres tank capacity	1,000–1,400	AISI 304	-	FS -131H
2 Up to 10,000 litres tank capacity	1,600	AISI 304	-	FS -131I

» Temperature measurement

ACCESSORIES TEMPERATURE MEASUREMENT (WELD-ON PIECES)

For local temperature regulation
› FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO, RS-MO, RS-MO-Q, RA-MO-Q

Positioning
T1 = Front left, beside level indicator (not for 900 x 1,400 mm and 1,100 x 1,600 mm)
T2 = In a central position at the back
T3 = At the back 45 ° left
T4 = Long side front left (only RS-MO / RA-MO, only for connection position C1–C4)
T5 = Long side at the back right (only RS-MO / RA-MO, only for connection position C5–C8)
T6 = Front right beside level indicator, level indicator offset to the left (not for 900 x 1,400 mm and 1,100 x 1,600 mm)
T7 = Front right beside level indicator, level indicator at standard position

Height always according to position standard temperature measurement

Item	Tank-ø mm	Material	Order No. mounted
Possible choices			
T1 = Weld-on gland NW 10 DIN 11851		AISI 304	TS1A
T1 = Drilled hole ø 13 mm		AISI 304	TS1B
T1 = Drilled hole ø 18 mm	820–2,000	AISI 304	TS1C
T1 = Weld-on gland NW 20 DIN 11851	+ Rectangular tanks	AISI 304	TS1D
T2 = Weld-on gland NW 10 DIN 11851		AISI 304	TS2A
T2 = Drilled hole ø 13 mm	820–2,000	AISI 304	TS2B
T2 = Drilled hole ø 18 mm	+ Rectangular tanks	AISI 304	TS2C
T3 = Weld-on gland NW 10 DIN 11851		AISI 304	TS3A
T3 = Drilled hole ø 13 mm		AISI 304	TS3B
T3 = Drilled hole ø 18 mm	820–2,000	AISI 304	TS3C
T4 = Weld-on gland NW 10 DIN 11851		AISI 304	TS4A
T4 = Drilled hole ø 13 mm		AISI 304	TS4B
T4 = Drilled hole ø 18 mm	Rectangular tanks	AISI 304	TS4C
T5 = Weld-on gland NW 10 DIN 11851		AISI 304	TS5A
T5 = Drilled hole ø 13 mm		AISI 304	TS5B
T5 = Drilled hole ø 18 mm	Rectangular tanks	AISI 304	TS5C
T6 = Weld-on gland NW 10 DIN 11851		AISI 304	TS6A
T6 = Drilled hole ø 13 mm		AISI 304	TS6B
T6 = Drilled hole ø 18 mm	1,000–2,000	AISI 304	TS6C
T6 = Weld-on gland NW 20 DIN 11851	+ Rectangular tanks	AISI 304	TS6D
T7 = Weld-on gland NW 10 DIN 11851		AISI 304	TS7A
T7 = Drilled hole ø 13 mm		AISI 304	TS7B
T7 = Drilled hole ø 18 mm	820–2,000	AISI 304	TS7C
T7 = Weld-on gland NW 20 DIN 11851	+ Rectangular tanks	AISI 304	TS7D

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

ACCESSORIES TEMPERATURE MEASUREMENT (WELD-ON PIECES)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To temperature measurement › FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO, RS-MO, RS-MO-Q, RA-MO-Q				
	Bi-metal dial thermometer 100 mm ø › Measuring range -20 °C to +60 °C › Weld-on thread NW 10 DIN 11851				
	1 Incl. threaded sleeve, L = 125 mm	820–3,600	AISI 304	-	TM-140C
	2 Incl. threaded sleeve, L = 250 mm	820–3,600	AISI 304	-	TM-140D
	Bi-metal dial thermometer 100 mm ø › Measuring range in °C and °Fahrenheit › Weld-on thread NW 10 DIN 11851				
	› Incl. threaded sleeve, L = 125 mm	820–3,600	AISI 304	-	TM-140E
	To temperature measurement › FS-MO-1B, FS-MO-3B, FS-MO-8B				
	Bi-metal dial thermometer 100 mm ø › Measuring range -20 °C to +60 °C				
	› Incl. threaded sleeve to thermometer	630–3,000	AISI 304	-	TM-140F

ACCESSORIES TEMPERATURE MEASUREMENT (SCREW-ON AND SPARE PARTS)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To temperature measurement › FO, FS-MO, AS-MO, MS-MO, RS-MO, RA-MO, RS-MO, RS-MO-Q, RA-MO-Q				
	Bi-metal dial thermometer 100 mm ø				
	› Measuring range -20 °C to +60 °C	820–3,600	AISI 304	63887	-
	1 For threaded sleeve, L = 125 mm	820–3,600	AISI 304	83975	-
	2 For threaded sleeve, L = 250 mm				
	Bi-metal dial thermometer 100 mm ø › Measuring range in °C and °Fahrenheit				
	› For threaded sleeve, L = 125 mm	820–3,600	AISI 304	73558	-
	Threaded sleeve to thermometer				
	1 L = 125 mm	820–3,600	AISI 304	64071	-
	2 L = 250 mm	820–3,600	AISI 304	83976	-

» Manhole, mash doors and bottom outlets

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	To manhole				
	› FO, KO, ST-T				
	Manhole				
	› Seamlessly moulded out of tank shell 420 x 320 mm LW				
	› Door with food-safe sealing, gapless and vulcanised, butterfly bow and hand wheel	820–3,000	AISI 304	-	ML-110A
	Swivelling handle for manhole				
	› 420 x 320 mm LW	820–3,000	AISI 304	-	ML-110N
	Mash door				
	› FO, KO, ST-T				
	Mash door				
	› At the bottom, with outwards opening door				
	1 W = 310 mm x H = 420 mm	1,000–2,000	AISI 304	-	ML-110D
	2 W = 400 mm x H = 530 mm	1,000–2,000	AISI 304	-	ML-110E
	Instead of standard manhole				
	Mash door				
	› At the bottom, with outwards opening door				
	1 W = 310 mm x H = 420 mm	1,000–2,000	AISI 304	-	ML-110K
	2 W = 400 mm x H = 530 mm	1,000–2,000	AISI 304	-	ML-110L
	For container loading				
	Removable door fitting assembly				
	1 For small mash door				
	› W = 310 mm x H = 420 mm	1,000–2,000	AISI 304	-	81789
	2 For large mash door				
	› W = 400 mm x H = 530 mm	1,000–2,000	AISI 304	-	81622
	Mash bottom outlet				
	› FO, FS-MO				
	Mash bottom outlet with hinged door				
	› Opens towards the outside; the door is left hinged (door handle on the right)				
	› Lateral bottom outlet neck NW 50 DIN 11851				
	› Elevated legs for discharge height 580 mm				
	1 For ø 1,000 to 1,400 mm				
	› W = 420 mm x H = 310 mm	1,000	AISI 304	-	ML-110M
	› Tank height H = approx. 260 mm	1,200	AISI 304	-	ML-110M
		1,400	AISI 304	-	ML-110M
	2 From ø 1,600 mm upwards	1,600	AISI 304	-	ML-110M
	› W = 530 mm x H = 400 mm	1,800	AISI 304	-	ML-110M
	› Tank height H = approx. 360 mm	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

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

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	Instead of mash door › FO-M				
	Mash bottom outlet with hinged door › Surcharge for FO-M › Opens towards the outside › The door is left hinged › Lateral bottom outlet neck NW 50 DIN 11851 › Elevated legs for discharge height 580 mm				
	1 For ø 1,000 to 1,400 mm	1,000	AISI 304	-	ML-100M
	› W = 420 mm x H = 310 mm	1,200	AISI 304	-	ML-100M
		1,400	AISI 304	-	ML-100M
	2 For ø 1,600 mm to 2,000 mm	1,600	AISI 304	-	ML-100M
	› W = 530 mm x H = 400 mm	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-ø mm	Material	Order No. loose	Order No. mounted
	Sealings › BD, FD, FS-M0, AS-M0, MS-M0, RS-M0, RA-M0				
	Sealing for slipping over manhole				
	1 420 x 320 mm	820–3,600	-	79028	-
	2 320 x 250 mm	820	-	81485	-
	3 340 x 440 mm	1,000–3,600	-	81353	-
	Sealing for glueing into manhole				
	1 420 x 320 mm	820–2,000	-	60786	-
	2 320 x 250 mm	820	-	62593	-
	Sealing for glueing into mash door				
	1 310 x 420 mm	1,000–2,000	-	72174	-
	2 400 x 530 mm	1,000–2,000	-	82649	-
	Glue Terokal 58 gr.	-	-	65389	-

» Legs

ACCESSORIES LEGS (WELD-ON PIECES)

	Item		Tank-ø mm	Material	Order No. loose	Order No. mounted
	Tank legs › FO, FS-MO, MS-MO					
	1 Short version standard	-100 mm	820–2,000	-	-	FA-030B
	2 Long version standard	+92 mm	820	-	-	FA-030C
	3 Long version standard	+219 mm	1,000	-	-	FA-030C
	4 Long version standard	+176 mm	1,200	-	-	FA-030C
	5 Long version standard	+168 mm	1,400	-	-	FA-030C
	6 Long version standard	+138 mm	1,600	-	-	FA-030C
	7 Long version standard	+136 mm	1,800	-	-	FA-030C
	8 Long version standard	+96 mm	2,000	-	-	FA-030C
	9 Short version standard	-100 mm	2,200–3,000	-	-	FA-030B
	10 Long version standard	+100 mm	2,200–3,000	-	-	FA-030C
	Tank legs › RS-MO					
	1 Short version standard	-100 mm	900 x 1,400 –1,500 x 2,000	-	-	FA-030B
	2 Long version standard	+156 mm	900 x 1,400	-	-	FA-030C
	3 Long version standard	+156 mm	1,100 x 1,600	-	-	FA-030C
	4 Long version standard	+156 mm	1,300 x 1,800	-	-	FA-030C
	5 Long version standard	+107 mm	1,500 x 2,000	-	-	FA-030C
	Tank legs › RS-MO-Q					
	1 Short version standard	-100 mm	1,400 x 1,400	-	-	FA-030B
	2 Long version standard	+156 mm	1,400 x 1,400	-	-	FA-030C
	Special leg lengths available on request in increments of approx. 100 mm					
	Footplate for on-site dowelling		-	AISI 304	-	-
	PE-base for transportation and storage		820	PE	66186	FA-030E
			1,000	PE	66187	FA-030E
			1,200	PE	66188	FA-030E
	› FD 240 litres					
	Transportation base on rolls › Heightening H = + approx. 160 mm		-	PE	77400	-

ACCESSORIES LEGS (SCREW-ON AND SPARE PARTS)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
Special discharge height › FD-MT, FD-IT, FD-MÜ, FD-DF, FD-MBT, FD-MK, FD-MKEH				
Special discharge height leg extensions › Discharge height from 600 mm to 1,000 mm in increments of approx. 100 mm	1,600–2,800	-	-	FA-030S
Special discharge height › FO-M				
Special discharge height leg extensions › Discharge height from 600 mm to 1,000 mm in increments of approx. 100 mm				
1 Tank-ø 1,000 mm–1,400 mm	1,000–1,400	-	-	FA-030T
2 Tank-ø 1,600 mm–2,000 mm	1,600–2,000	-	-	FA-030U
Height adjustment for tank legs › FO, FS-MO				
Height adjustment for tank legs › Levelling range of adjustable feet for tank legs › M20 min. 55 mm–max. 100 mm › M24 min. 60 mm–max. 130 mm › M30 min. 80 mm–max. 170 mm (welded to foot plate) › M36 min. 90 mm–max. 210 mm (welded to foot plate)				
1 Set = 3 pieces per tank M20	1,000–1,200	-	46127	-
2 Set = 6 pieces per tank M20	1,400–1,600	-	46125	-
3 Set = 6 pieces per tank M24	1,800–2,000	-	46128	-
4 Set = 8 pieces per tank M24	2,200–2,800	-	46129	-
5 Set = 8 pieces per tank M30	2,800–3,200	-	-	FA- 040A
6 Set = 10 pieces per tank M30	2,600–3,600	-	-	FA- 040B
7 Set = 12 pieces per tank M30	3,200–3,600	-	-	FA- 040C
8 Set = 14 pieces per tank M30	3,200–3,600	-	-	FA- 040D
9 Set = 16 pieces per tank M30	3,600	-	-	FA- 040E
10 Set = 10 pieces per tank M36	3,200	-	-	FA- 040F
11 Set = 12 pieces per tank M36	3,200–3,600	-	-	FA- 040G
12 Set = 14 pieces per tank M36	3,600	-	-	FA- 040H
13 Set = 16 pieces per tank M36	3,600	-	-	FA- 040I
Height adjustment for tank legs › RS-MO, RS-MO-Q				
1 Set = 4 pieces per tank M20	-	-	46126	-
Height adjustment for tank legs › FS-MO-8B				
1 Set = 6 pieces per tank M20	1,000–1,600	-	46125	-
2 Set = 8 pieces per tank M24	1,800–2,200	-	46129	-

» Pipes

ACCESSORIES PIPES (WELD-ON PIECES)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
To cleaning › FS-M0, RS-M0				
Cleaning pipe › Drawn down to operating height › Cleaning spray head, perforation 360 ° with clip fastener › Connection DIN 11851 at tank front side › H = + approx, 150 mm				
Spray head DN 40 › Flow rate at 1,0 bar ~ 12 m^3 / h › Flow rate at 2,5 bar ~ 19 m^3 / h				
Spray head DN 50 › Flow rate at 1,0 bar ~ 28 m^3 / h › Flow rate at 2,5 bar ~ 44 m^3 / h				
1 DN 40 to 10,000 litres tank capacity	1,000–2,400	AISI 304	-	RL-040A
2 DN 40 to 20,000 litres tank capacity	1,800–2,400	AISI 304	-	RL-040B
3 DN 40 to 50,000 litres tank capacity	2,200–2,800	AISI 304	-	RL-040C
4 DN 50 to 10,000 litres tank capacity	1,000–3,600	AISI 304	-	RL-050A
5 DN 50 to 20,000 litres tank capacity	1,800–3,200	AISI 304	-	RL-050B
6 DN 50 to 50,000 litres tank capacity	2,200–3,600	AISI 304	-	RL-050C
7 DN 50 to 125,000 litres tank capacity	3,000-3,600	AISI 304	-	RL-050D
Spray head, detachable from outside				
1 NW 40	1,000–3,600	AISI 304	-	RL-041A
2 NW 50	1,000–3,600	AISI 304	-	RL-051A
Connection from cleaning pipe to fill level indicator				
› H = + approx. 50 mm	1,000–3,600	AISI 304	-	VL-050A
Connection from cleaning pipe to filler neck with spray head NW 20				
› H = + approx. 50 mm	1,000–3,600	AISI 304	-	VL-050B
To filling › FS-M0, RS-M0				
Filling pipe NW 50 › Drawn off to operating height › Connection NW 50 DIN 11851 › H = + approx. 150 mm				
1 Up to 10,000 litres tank capacity	1,000–2,600	AISI 304	-	BF-100A
2 Up to 20,000 litres tank capacity	1,600–3,200	AISI 304	-	BF-200B
3 Up to 50,000 litres tank capacity	2,200–3,600	AISI 304	-	BF-300D
4 Up to 125,000 litres tank capacity	3,000–3,600	AISI 304	-	BF-500E

ACCESSORIES PIPES (WELD-ON PIECES)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
To ventilation › FS-MO-8B				
Ventilation pipe NW 25 › Drawn off to operating height › Connection NW 25 DIN 11851 › H = + approx. 150 mm	1,000–1,600	AISI 304	-	EL -100A
To inundation › FD-MT, FD-MK, FD-MKEH				
 Inundation pipe NW 50 › Drawn off to operating height › With self-rotating sprinkling system › Connection thread NW 50 DIN 11851				
1 To 10,000 litres tank capacity	1,600–2,400	AISI 304	-	ÜF -1
2 To 20,000 litres tank capacity	2,000–2,800	AISI 304	-	ÜF -2
3 To 30,000 litres tank capacity	2,400–2,800	AISI 304	-	ÜF -3
Flooder removable from outside	-	-	-	AE -MT
To inundation › FD-IT, FD-MBT				
Inundation pipe NW 50 › Drawn off to operating height › With two self-rotating sprinkling systems › Connection thread NW 50 DIN 11851				
1 To 10,000 litres tank capacity	1,600–2,400	AISI 304	-	ÜF -4
2 To 20,000 litres tank capacity	2,000–2,800	AISI 304	-	ÜF -5
3 To 30,000 litres tank capacity	2,400–2,800	AISI 304	-	ÜF -6
Flooder removable from outside	-	-	-	AE -MT

ACCESSORIES PIPES (SCREW-ON AND SPARE PARTS)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
Armature for ventilation pipe › FS-MO-8B				
 Sparkling wine armature with bevel seat gate valve NW 25 DIN 11851 › Left: block valve NW 10 DIN 11851 with manometer, incl. connection NW 20 with sealing cap for nitrogen supply › 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-ø mm	Material	Order No. loose	Order No. mounted
	Stirring device connection slanted				
	Stirring device connection, slanted welding				
	1 NW 40	1,000–3,600	AISI 304	-	KA -121F
	2 NW 50	1,000–3,600	AISI 304	-	KA -121G
	Instead of stirring device connection AG 37 W 47 x 1 / 9" › SO-Z, RO-Z				
	Stirring device connection neck				
	1 External thread NW 40 DIN 11851	820–1,200	AISI 304	-	RW-160B
	2 External thread NW 50 DIN 11851	820–1,200	AISI 304	-	RW-160C
	3 External thread 40 Macon	820–1,200	AISI 304	-	RW-160D
	4 Without stirring device connection neck	820–1,200	AISI 304	-	RW-160E
	To stirring device				
	Stirring device flange on the side				
	› 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				
	1 Flange-DN 65	1,000–3,600	AISI 304	-	FL- 065A
	2 Flange-DN 80	1,000–3,600	AISI 304	-	FL- 080A
	3 Flange-DN 100	1,000–3,600	AISI 304	-	FL- 100A
	4 Flange-DN 150	1,600–3,600	AISI 304		FL- 150A
	5 Flange-DN 200	1,600–3,600	AISI 304		FL- 200A
	6 Flange-DN 250	1,600–3,600	AISI 304		FL- 250A
	Stirring device flange at tank top				
	› For standard stirring device vertical at tank top, for upright standing stirring device, with reinforcement ring and fastening bolts				
	1 Flange-DN 150	1,600–3,600	AISI 304	-	FZ -150A
	2 Flange-DN 200	1,600–3,600	AISI 304	-	FZ -200A
	3 Flange-DN 250	1,600–3,600	AISI 304	-	FZ -250A
	Stirring device on request under specification of the necessary process data				
	Weld-on gland				
	Weld-on gland horizontally				
	› Weld-on gland horizontally at tank shell (from NW 40 upwards with reinforcement plate)				
	› DIN 11851 or Clamp DIN 32676 / DIN 11864				
	1 NW 10	820–3,600	AISI 304	-	SH -010A
	2 NW 20	820–3,600	AISI 304	-	SH -020A
	3 NW 25	820–3,600	AISI 304	-	SH -025A
	4 NW 32	820–3,600	AISI 304	-	SH -032A
	5 NW 40	820–3,600	AISI 304	-	SH -040A
	6 NW 50	820–3,600	AISI 304	-	SH -050A
	7 NW 65	820–3,600	AISI 304	-	SH -065A
	8 NW 80	820–3,600	AISI 304	-	SH -080A
	9 NW 100	1,000–3,600	AISI 304	-	SH -100A
	10 NW 125	1,000–3,600	AISI 304	-	SH -125A
	11 NW 150	1,000–3,600	AISI 304	-	SH -150A

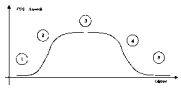
STIRRING DEVICE CONNECTIONS / FLANGES / SUPPLEMENT CONNECTIONS (WELD-ON PIECES)

Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
Weld-on gland vertically				
› Weld-on gland vertically at the tank top or tank bottom				
› DIN 11851 or Clamp DIN 32676 / DIN 11864				
1 NW 20	820–3,600	AISI 304	-	SV-020A
2 NW 25	820–3,600	AISI 304	-	SV-025A
3 NW 32	820–3,600	AISI 304	-	SV-032A
4 NW 40	820–3,600	AISI 304	-	SV-040A
5 NW 50	820–3,600	AISI 304	-	SV-050A
6 NW 65	820–3,600	AISI 304	-	SV-065A
7 NW 80	820–3,600	AISI 304	-	SV-080A
8 NW 100	1,000–3,600	AISI 304	-	SV-100A
9 NW 125	1,000–3,600	AISI 304	-	SV-125A
10 NW 150	1,000–3,600	AISI 304	-	SV-150A

Adapter nozzle				
› For double jacket connection G1" male thread				
› Adapter with connection G1" female thread				
1 Outlet G½" AG	-	AISI 304	93298	-
2 Outlet G¾" AG	-	AISI 304	93300	-
3 Outlet clamp DN25	-	AISI 304	66702	-
4 Outlet NPT	-	AISI 316	83672	-

» 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	
	1 For FD-MT, FD-IT, FD-DF, SD-MGRL, FD-MBT	DMS -1
	2 For 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 FD-MT, FD-IT	DMS -3
	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	
	› FD-MTTS, FD-MTAS, FD-ITTS, FD-ITAS, FD-MÜTS, FD-MÜAS, FD-DFTS, FD-DFAS	PSD- 1

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

Item	Order No. mounted

Pump with regulation for juice pumpover

› 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 pumpover with disc valve NW 50 DIN 11851 for locking and disc valve NW 50 DIN 11851 for extraction (on the pressure side)
› Complete pipe installation for juice extraction connection with locking disc valve NW 50 DIN 11851, sight glass and disc valve NW 50 DIN 11851 for extraction (pressure-less)
› Pump and interval time controllable

1 For FD-MT, FD-IT — WP-100A
2 For FD-MÜ — WP-100B

Juice extractor sieves

› With large surface (900 mm high)
› Easily removable
› Material AISI 304
› Juice extraction NW 50 DIN 11851
› For FD-MT, FD-IT, FD-MÜ, FD-DF, FO-M for diameter 1,600 - 3,000 mm

Ventilation via fill level indicator (fill level indicator required)

1 To 3,850 litres tank capacity – 1 sieve — ESS -1
2 To 7,800 litres tank capacity – 2 sieves — ESS -2
3 To 15,000 litres tank capacity – 3 sieves — ESS -3
4 To 20,000 litres tank capacity – 4 sieves — ESS -4
5 To 25,000 litres tank capacity – 5 sieves — ESS -5
6 To 30,000 litres tank capacity – 6 sieves — ESS -6

Juice extractor sieves

› With large surface (650 mm high)
› Easily removable
› Material AISI 304
› Juice extraction NW 50 DIN 11851
› For FO-M for diameter 1,000 - 1,800 mm

Ventilation via fill level indicator (fill level indicator required)

1 To 3,850 litres tank capacity – 1 siev — ESS -7
2 To 7,800 litres tank capacity – 2 sieves — ESS -8
3 To 15,000 litres tank capacity – 3 sieves — ESS -9
4 To 20,000 litres tank capacity – 4 sieves — ESS-10

Grape seed discharge

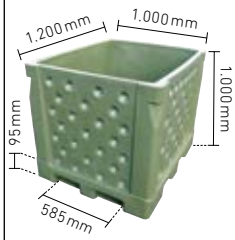
› An additional seed collector collects the seeds in a slot in the sandwich bottom. From there, the seeds are released via a ball valve DN 65 as necessary
› For FD-MTAK, FD-MTAS, FD-MÜAK, FD-MÜAS — KF -1

Pressure indundation system

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

1 For FD-MT, FD-IT — DFS -1
2 For FD-MÜ — DFS -2

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

	Item	Order No. mounted
	Manhole › 420 x 320 mm LW › Complete with door and electric fuse › For FD-MT	ML-110A
	Manhole › 420 x 320 mm LW › Door with bow and hand wheel with electric fuse › For SD-MGRL	ML-1105
	Pinch bars › Vertically moulded on the sides of the tank shell, for better mixing › For FD-MBT **1** To 10,000 litres tank capacity **2** To 20,000 litres tank capacity **3** To 30,000 litres tank capacity	 BS-100A BS-100B BS-100C
	Hinged door (hinged upwards) › Instead of standard version with left hinged door › For FD-MTTK, FD-MTAK, FD-ITTK, FD-ITAK, FD-MÜTK, FD-MÜAK, FD-DFTK, FD-DFAK	ML-1100
	Connection 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
	Maintenance unit › For mobile plunger, FD-MT, FD-IT › Parker G ½"	90476
	**PE grape tipping tub** › Dimensionally stable due to compound walls with stabilising funnels outside › Inside with smooth walls › No rips, no dirty angles, perfectly hygenic › Easy cleaning, also outside › Tiltable from all four sides (with forklift with rotating tynes) › Stackable (filled: two 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

SPEIDEL
2150 Ltr.

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

ACCESSORIES (MISCELLANEOUS)

	Item	Tank-ø mm	Material	Order No. loose	Order No. mounted
	Insulation				
	Neoprene sleeve				
	1 For UF fermentation and storage barrel 15 litres	-	-	94137	-
	2 For UF fermentation and storage barrel 30 litres	-	-	94130	-
	3 For UF fermentation and storage barrel 60 litres	-	-	94131	-
	Seal welded insulation › Completely insulated tank › Insulation material mineral wool / armaflex › Casing with stainless steel sheet, AISI 304, marbled outside / IIIc › Lengthwise and crosswise seal welded joints	1,000–3,000	-	-	ISO-100A
	Rivetted / screwed insulation › Completely insulated tank › Insulation material mineral wool / armaflex › Casing with stainless steel sheet, AISI 304, marbled outside / IIIc › Rivetted and screwed lengthwise and crosswise joints	1,000–3,000	-	-	ISO-200A
	Stainless steel console › For mounting a maintenance walkway › Statics of the entire plant is carried out by structural engineers on site	1.000–3.600	AISI304	-	LS-100A
	Tank labelling				
	Sticker for tank labelling	820–3,600	-	83978	-
	Inspection costs ATEX › Incl. documentation per tank variant	-	-	00038	-
	Inspection costs for calibratable level indicator				
	› Incl. documentation	-	-	00039-01	-
	› Costs for Office of Weights and Measures	-	-	00039-02	-
	Tank approval › For pressure tanks in accordance with the guideline fpr pressure devices 2014 / 68 / EU				
	TÜV-test with documentation				
	1 For each tank	1,000–3,000	-	TÜV-001	-
	2 One only for each entire order	1,000–3,000	-	TÜV-002	-
	Additional costs for modification				
	In case of variations from the listed version (plus additional costs of the structural element)	350–820 1.000–3.000 900×1.400–1.500×2.000 1.400×1.400	-	00024 00019	-

» Fine print

Delivery ex works / ex warehouse carriage forward, delivery costs on request. In case of orders up to a net value of 25,00 Euro we charge a service fee of 4,00 Euro plus VAT.

Shipping may require a crate to prevent damages in transit.
This non-returnable packaging costs:
Tank capacity up to 999 litres: 5 % of the net list price + VAT.
Tank capacity from 1,000 litres upwards: 3 % of the net list price + VAT.

Subject to technical changes. Dimensions and capacities listed non-binding. In case of sale are not known – please request them.

Dimensions and technical layout are subject to the conventional production tolerance.

It is necessary to follow the instruction manuals, particularly the intended use of the product, the spatial limits and other important instructions.

Layout and outfit in compliance with our high Speidel standards, see catalogue descriptions.

If not specified otherwise, our tanks are meant for the installation inside of a building (inside installation) and to be used for stainless steel resistant mediums with a density of 1,0 kg/dm^3 and an operating temperature of +5 to +40 °celsius.

We are certified to the guidelines for pressure devices 2014 / 68 / EU.
Machines in compliance with machinery guideline 2006 / 42 / EG.

We reserve the right to equivalent and professional adaptations.

Our General Terms and Conditions apply (to be viewed on our website www.speidel-behaelter.de).

Industrial, local parameters or rules need to be considered and observed.