

MERLIN ^{Plus+}

MERLIN ^{Plus+}		1200	1800	2500
Tank volume	liters	1.140	1.720	2.480
Filling volume:				
Whole grapes	kg	- 900	- 1.300	- 1.800
Fresh mash	kg	- 3.000	- 4.500	- 6.300
Red wine mash	kg	- 4.800	- 7.200	- 10.000
Dimensions				
Length	m	2,71	3,53	3,30
Width	m	1,40	1,40	1,75
Height	m	1,66	1,66	2,07
Empty weight	kg	730 / 800	1.320 / 1.370	1.900 / 2.020
Filling / Emptying		Through cover elements		
Dimensions	mm	1x - 400 x 900	1x - 400 x 900 2x - 400 x 450	1x - 391 x 754 2x - 391 x 377
Number of covers		2	4	4
Drainage system		Juice drains arranged vertically in the tank for draining, juice drains made of straining sheets with 1,6 x 20 mm slot width, stopper plugs for juice drains G 1 ¼		
Number of drains		2	2	2
Draining surface	cm ²	8.736	8.736	11.088
Perforated surface	cm ²	460	460	587
Juice tray		juice tray on rollers - outlet DN 65		sliding juice tray - outlet DN 65
Volume	liters	420	600	380
Central filling device		As an option, equipped for filling through the axle shaft, equipped with ball valve and pressure relief device (by request with remote controlled pinch valve)		
Nominal diameter available		DN 100 with flanged joint		DN 100 / DN 125 with flanges joint

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Rack		Pillow blocks and linking parts as well as marc and juice flow plates, protective casing and juice tray completely made of stainless steel 1.4301					
Rollers		4 rollers, 2 of them having a locking device					
Height	mm	245	245	305			
Drive system		Spur gear motor with chain wheel and simple roller chain					
Motor power	kW	1,1	1,1	with frequency convertor		0,75	
Drum rotations	U/min	4,5	4,5			3,3	
Air supply		Standardly equipped with lateral channel blower for admission pressure and vacuum man pressure by:					
		internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply
Max. air volume	m ³ /min	3,6	2,8	3,6	2,8	3,6	2,8
Total load supply	kW	6,7	3,0	6,7	3,0	5,95	2,25
Control		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating text and variables.					
Programs		6 completely selectable programs in both, Standard and Champagne Mode, selected by user terminal, programming by user assistance in the line display, the variable parameters such as pressure holding time, pressure increase, admission pressure and total pressing time as well as rotations of the tank are requested automatically from the system. Furthermore intermittent rotation, i.e. the drum turns are freely selectable for optimum straining while filling through the doors.					
User terminal		Siemens, integrated in the machine housing on the drive side of the press					

List subject to change

Stand: 17.10.2011 (englisch)

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MERLIN ^{Plus+}		3400	4300	5100
Tank volume	liters	3.380	4.300	5.090
Filling volume:				
Whole grapes	kg	- 2.400	- 3.000	- 3.600
Fresh mash	kg	- 8.500	- 10.800	- 12.800
Red wine mash	kg	- 13.600	- 17.200	- 20.400
Dimensions				
Length	m	4,10	4,10	4,67
Width	m	1,75	1,75	1,75
Height	m	2,07	2,14	2,14
Empty weight	kg	2.100 / 2.200	2.300 / 2.420	2.500 / 2.650
Filling / Emptying		Through cover elements		
Dimensions	mm	3x - 391 x 754	3x - 500 x 754	3x - 500 x 754
Number of covers		6	6	6
Drainage system		Juice drains arranged vertically in the tank for draining, juice drains made of straining sheets with 1,6 x 20 mm slot width, stopper plugs for juice drains G 1 ¼		
Number of drains		4	4	4
Draining surface	cm ²	22.176	25.056	25.056
Perforated surface	cm ²	1.175	1.332	1.332
Juice tray		sliding juice tray - outlet DN 65		
Volume	liters	510	510	610
Central filling device		As an option, equipped for filling through the axle shaft, equipped with ball valve and pressure relief device (by request with remote controlled pinch valve)		
Nominal diameter available		DN 100 / DN 125 with flanged joint		

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Rack		Pillow blocks and linking parts as well as marc and juice flow plates, protective casing and juice tray completely made of stainless steel 1.4301					
Rollers		4 rollers, 2 of them having a locking device					
Height	mm	305	305	305			
Drive system		Spur gear motor with chain wheel and simple roller chain with frequency convertor					
Motor power	kW	0,75	0,75	1,1			
Drum rotations	U/min	3,3	3,3	3,3			
Air supply		Standardly equipped with lateral channel blower for admission pressure and vacuum man pressure by:					
		internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply
Max. air volume	m ³ /min	4,0	2,8	4,0	2,8	4,4	2,8
Total load supply	kW	7,95	2,25	7,95	2,25	10,3	2,6
Control		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating text and variables.					
Programs		6 completely selectable programs in both, Standard and Champagne Mode, selected by user terminal, programming by user assistance in the line display, the variable parameters such as pressure holding time, pressure increase, admission pressure and total pressing time as well as rotations of the tank are requested automatically from the system. Furthermore intermittent rotation, i.e. the drum turns are freely selectable for optimum straining while filling through the doors.					
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