

# SIGMA

SIGMA		3	4		5	
<b>Tank volume</b>	liters	2.900	4.000		5.000	
<b>Filling quantity</b>						
Whole grapes	kg	- 2.100	- 2.800		- 3.500	
Fresh mash	kg	- 7.500	- 10.000		- 12.500	
Red wine mash	kg	- 12.000	- 16.000		- 20.000	
<b>Dimensions</b>						
Length	m	3,74	4,73		4,73	
Width	m	1,87	1,94		1,94	
Height	m	2,12	2,18		2,27	
Empty weight (external compressed air supply)	kg	1.730	1.950	2.050	2.100	2.200
Empty weight (internal compressed air supply)		1.850	2.070	2.170	2.220	2.320
<b>Filling / Emptying</b>		1 pneumatically operated door	1 pneum. operated door	2 pneum. operated doors	1 pneum. operated door	2 pneum. operated doors
Dimensions of the opening	mm	390 x 810	390 x 810	390 x 500	390 x 810	390 x 500
<b>Draining system</b>		Juice drains arranged vertically in the tank for draining, juice drains made of flexible tissue				
Number of Drains		2	4		4	
Draining surface	cm <sup>2</sup>	12.688	25.376		27.316	
Perforated surface	cm <sup>2</sup>	4.009	8.019		8.632	
<b>Juice tray</b>		Large juice tray made of stainless steel outlet DN 65				
Volume	liters	300	300	210	300	210
<b>Axial filling device</b>		As an option, filling through the axle shaft, equipped with pinch valve and pressure relief device				
Nominal diametre available		DN 100 / DN 125 with flanged joint				

# SIGMA

SIGMA		3	4	5	
<b>Rack</b>		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			
Heigth	mm	245	305	305	
<b>Drive system</b>		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	
<b>Air supply</b>		Standardly equipped with lateral channel blower for admission pressure and vacuum main pressure by:			
		internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply
Max. air volume	m <sup>3</sup> /min	4,0	2,8	4,4	2,8
<b>Total load supply</b>	kW	7,95	2,25	10,3	2,6
<b>Control</b>		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating texts and variables.			
<b>Programs</b>		12 completely selectable programs, selectable by user terminal, programming by user assistance in line display, the variable parameters are requested automatically from the system. To optimize the programm flow it is possible to activate a pressure drop control function in each cycle. Furthermore the intermittend rotation, i.e. the drum turns are freely selectable for optimum draining while filling through the axial.			
<b>User terminal</b>		Siemens, swivel arm with control console made of stainless steel, control panel made of anodized aluminium			

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# SIGMA

SIGMA		6		8		10	
<b>Tank volume</b>	liters	6.570		7.900		9.590	
<b>Filling quantity</b>							
Whole grapes	kg	- 4.200		- 5.600		- 7.000	
Fresh mash	kg	- 15.000		- 20.000		- 25.000	
Red wine mash	kg	- 24.000		- 32.000		- 40.000	
<b>Dimensions</b>							
Length	m	5,18		5,89		6,93	
Width	m	2,10		2,10		2,10	
Height	m	2,53		2,53		2,53	
Empty weight (external compressed air supply)	kg	2.450	2.550	2.700	2.800	3.000	3.100
Empty weight (internal compressed air supply)		2.650	2.750	2.940	3.040	3.240	3.340
<b>Filling / Emptying</b>							
		1 pneum. operated door	2 pneum. operated doors	1 pneum. operated door	2 pneum. operated doors	1 pneum. operated door	2 pneum. operated doors
Dimensions of the opening	mm	550 x 800	390 x 500	550 x 800	550 x 650	550 x 800	550 x 800
<b>Draining system</b>		Juice drains arranged vertically in the tank for draining, juice drains made of flexible tissue					
Number of Drains		4		4		4	
Draining surface	cm <sup>2</sup>	30.264		30.264		30.264	
Perforated surface	cm <sup>2</sup>	9.563		9.563		9.563	
<b>Juice tray</b>		Large juice tray made of stainless steel outlet DN 65					
Volume	liters	325		325		325	
<b>Axial filling device</b>		As an option, filling through the axle shaft, equipped with pinch valve and pressure relief device					
Nominal diametre available		DN 125 / DN 150 with flanged joint					

# SIGMA

SIGMA		6	8	10	
<b>Rack</b>		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		without rollers			
Heigth	mm	---	---	---	
<b>Drive system</b>		Spur gear motor with chain wheel and simple roller chain			
		with frequency convertor			
Motor power	kW	1,5	1,5	1,5	
Drum rotations	U/min	2,7	2,7	2,7	
<b>Air supply</b>		Standardly equipped with lateral channel blower for admission pressure and vacuum main pressure by:			
		internal compressed air supply	external compressed air supply	internal compressed air supply	external compressed air supply
Max. air volume	m <sup>3</sup> /min	6,7	4,6	7,0	4,6
<b>Total load supply</b>	kW	13,8	4,3	15	4,3
<b>Control</b>		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating texts and variables.			
<b>Programs</b>		12 completely selectable programs, selectable by user terminal, programming by user assistance in line display, the variable parameters are requested automatically from the system. To optimize the programm flow it is possible to activate a pressure drop control function in each cycle. Furthermore the intermitten rotation, i.e. the drum turns are freely selectable for optimum draining while filling through the axial.			
<b>User terminal</b>		Siemens, operating terminal made of stainless steel, control panel made of anodized aluminium, with 5m plug-in connecting cable to the press. Dimensions: 500 x 300 x 180 mm			

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# SIGMA

SIGMA		12	16
<b>Tank volume</b>	liters	12.100	15.770
<b>Filling quantity</b>			
Whole grapes	kg	- 8.400	- 11.200
Fresh mash	kg	- 30.000	- 40.000
Red wine mash	kg	- 48.000	- 64.000
<b>Dimensions</b>			
Length	m	5,96	7,09
Width	m	2,50	2,50
Height	m	2,88	2,88
Empty weight (external compressed air supply)	kg	3.600	4.160   4.260
Empty weight (internal compressed air supply)	kg	3.840	4.300   4.400
<b>Filling / Emptying</b>		2 pneumatically operated doors	1 pneum. operated door   2 pneum. operated doors
Dimensions of the opening	mm	550 x 650	550 x 800   550 x 800
<b>Draining system</b>		Juice drains arranged vertically in the tank for draining, juice drains made of flexible tissue	
Number of Drains		3	4
Draining surface	cm <sup>2</sup>	42.318	56.424
Perforated surface	cm <sup>2</sup>	13.372	17.830
<b>Juice tray</b>		Large juice tray made of stainless steel outlet DN 100	
Volume	liters	440	
<b>Axial filling device</b>		As an option, filling through the axle shaft, equipped with pinch valve and pressure relief device	
Nominal diametre available		DN 125 / DN 150 with flanged joint	

# SIGMA

SIGMA		12	16
<b>Rack</b>		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		without rollers	
Height	mm	---	---
<b>Drive system</b>		Spur gear motor with chain wheel and simple roller chain with frequency convertor	
Motor power	kW	3,0	3,0
Drum rotations	U/min	1,9	1,9
<b>Air supply</b>		Standardly equipped with lateral channel blower for admission pressure and vacuum main pressure by:	
Max. air volume	m <sup>3</sup> /min	internal compressed air supply 10,7	external compressed air supply 6,5
<b>Total load supply</b>	kW	24,5	6,4
<b>Control</b>		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating texts and variables.	
<b>Programs</b>		12 completely selectable programs, selectable by user terminal, programming by user assistance in line display, the variable parameters are requested automatically from the system. To optimize the programm flow it is possible to activate a pressure drop control function in each cycle. Furthermore the intermitten rotation, i.e. the drum turns are freely selectable for optimum draining while filling through the axial.	
<b>User terminal</b>		Siemens, operating terminal made of stainless steel, control panel made of anodized aluminium, with 5m plug-in connecting cable to the press. Dimensions: 500 x 300 x 180 mm	

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# SIGMA

SIGMA		24		34	
<b>Tank volume</b>	liters	23.690		32.740	
<b>Filling quantity</b>					
Whole grapes	kg	- 16.800		- 23.800	
Fresh mash	kg	- 60.000		- 85.000	
Red wine mash	kg	- 96.000		- 136.000	
<b>Dimensions</b>					
Length	m	7,72		9,72	
Width	m	3,06		3,06	
Height	m	3,46		3,46	
Empty weight (external compressed air supply)	kg	8.000	8.100	8.700	8.800
Empty weight (internal compressed air supply)		-----	-----	-----	-----
<b>Filling / Emptying</b>		1 pneum. operated door	2 pneum. operated doors	1 pneum. operated door	2 pneum. operated doors
Dimensions of the opening	mm	550 x 800	550 x 800	550 x 800	550 x 800
<b>Draining system</b>		Juice drains arranged vertically in the tank for draining, juice drains made of flexible tissue			
Number of Drains		4		6	
Draining surface	cm <sup>2</sup>	73.536		110.304	
Perforated surface	cm <sup>2</sup>	23.237		34.856	
<b>Juice tray</b>		Large juice tray made of stainless steel outlet DN 100			
Volume	liters	510		510	
<b>Axial filling device</b>		As an option, filling through the axle shaft, equipped with pinch valve and pressure relief device			
Nominal diametre available		DN 150 with flanged joint			

# SIGMA

SIGMA		24	34
<b>Rack</b>		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		without rollers	
Height	mm	---	---
<b>Drive system</b>		Spur gear motor with chain wheel and simple roller chain with frequency convertor	
Motor power	kW	5,5	5,5
Drum rotations	U/min	1,6	1,6
<b>Air supply</b>		Standardly equipped with lateral channel blower for admission pressure and vacuum main pressure by:	
Max. air volume	m <sup>3</sup> /min	internal compressed air supply /	external compressed air supply 9,0
<b>Total load supply</b>	kW	/	11,5
<b>Control</b>		Fully automatic, fully programmable electronic control from Siemens. Illuminated line display for indicating texts and variables.	
<b>Programs</b>		12 completely selectable programs, selectable by user terminal, programming by user assistance in line display, the variable parameters are requested automatically from the system. To optimize the programm flow it is possible to activate a pressure drop control function in each cycle. Furthermore the intermittend rotation, i.e. the drum turns are freely selectable for optimum draining while filling through the axial.	
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