

Customer: *Kronospan Ltd.*  
Project: *Flooring Line 1*  
Plant: *Flooring Line 1*

Documentation  
Data Sheet

<b>PULSE FILTER Single row</b>		<b>1,00 pc(s).</b>	<input type="checkbox"/> <b>EMC</b>	Order no.:	<b>177761</b>
<b>Model: sfdw 05/12-D-07</b>		<input type="checkbox"/> Welded construction	Customer pos.		
		<input type="checkbox"/> Low temperature design <-20°C	Scheuch pos. <b>1,01</b>		
<b>Dim. sheet:</b>		<b>Drawing no.: 913-0625-800</b>		Serial no.: <b>F-0649/17</b>	
<b>Design data</b>			<input checked="" type="checkbox"/> Differential pressure measuring [mbar]: <b>35</b> <input type="radio"/> Solenoid voltage: <b>24VDC</b> <input checked="" type="checkbox"/> Valve box heating: <b>100 - 240VAC</b> <input checked="" type="checkbox"/> Control unit: <i>PulseMaster Advanced</i> <b>100 - 240VAC 50/60Hz</b>		
Gas flow rate [Am³/h]:		<i>105.000</i>		Shortest pause time [sec]: (P15) <b>17</b>	
Operating temperature [°C]:		<i>20,0</i>		Short pause time [sec]: (P16) <b>34</b>	
Peak temperature [°C]:		<i>40,0</i>		Long pause time [min]: (P17) <b>0,9</b>	
Type of dust:		<i>wood dust</i>		Longest pause time [min]: (P18) <b>-</b>	
Inlet dust load [g/Nm³]:		<i>0,00</i>		Pulse time [msec]: (P19) <b>80</b>	
Outlet dust load [mg/Nm³]:		<i>2,0</i>		dp-level 1 [mbar]: (P20) <b>-</b>	
Filter area [m²]:		<i>980,0</i>		dp-level 2 [mbar]: (P21) <b>6,0</b>	
A/C-ratio [Am³/m²/h]:		<i>107,0</i>		dp-level 3 [mbar]: (P22) <b>8,0</b>	
<b>Installation of filter:</b>			dp warning threshold [mbar]: (P24) <b>14,0</b>		
Min. ambient temperature [°C]: <i>-10</i>			dp-level error: (P25) <b>18,0</b>		
Max. ambient temperature [°C]: <i>30</i>			dp-threshold alarm [mbar]: <b>-</b>		
Filter location	<input type="checkbox"/> indoors	<input checked="" type="checkbox"/> outdoors	Control rate [min]: <b>-</b>		
Fan:	<input type="checkbox"/> before	<input checked="" type="checkbox"/> after filter	dp-setpoint (min) [mbar]: <b>-</b>		
<b>Temperature and pressure rating</b>			dp-setpoint (max) [mbar]: <b>-</b>		
Temperature rating [°C]: <i>&lt;80</i>			<b>ATEX zones</b>		
Pressure rating [mbar]: <i>50</i>			Program type:(P06) <i>dp-dependent</i>		
Pressure-shock rating [mbar]: <i>150</i>			Cleaning order: (P08) <b>-</b>		
<b>ATEX zones</b>			<b>Hopper/Trough</b> Slope: <b>-</b>		
External: <i>n.e.</i>			Discharge size: <b>-</b> x <b>-</b> DIN 24158/R4		
indoors-crude gas:	<i>20</i>	indoors-clean gas:	<i>n.e.</i>		
<b>Filter bags</b>			Max. filling level: <input checked="" type="checkbox"/> <b>1/3</b>		
No. <i>420</i>	Filter medium: <i>PES-1,0h</i>		Level monitoring <input checked="" type="checkbox"/>		
Length [mm]: <i>4.500</i>	Design: <input checked="" type="checkbox"/> Wire ring bag		Screw diameter [mm]: <i>300</i> Screw inner tube Ø [mm]: <i>159,0</i>		
	<input type="checkbox"/> Snap ring bag		Geared motor SEW: <input type="checkbox"/> Design Ex II 3D		
<b>Support cages</b>			Power [kW]: <i>1,50</i> Speed [rpm]: <i>32,00</i>		
No. <i>420</i>	Material: <i>1.0038</i>		Longitudinal bars: <i>10</i> Consist of parts: <i>1</i>		
<b>Penthouse</b>			<input checked="" type="checkbox"/> Speed monitor		
Max. load of monorail [kg]: <i>0,0</i>			<b>Casing / Crude-, clean gas channel</b>		
Max. load of hoist [kg]: <i>0,0</i>			Material: <i>1.0038</i> <input checked="" type="checkbox"/> Bolted		
<b>Compressed air</b>			<input type="checkbox"/> Welded		
Connection [G"]: <i>3/4</i>			<input type="radio"/> DIN 24158/R4		
Setting filter controller [bar]: <i>6,0</i>			Crude gas connection: <i>0600</i> x <i>0800</i>		
Consumption [Nm³/h ]: <i>77,0</i>			Clean gas connection: <i>1600</i> x <i>900</i>		
<b>Filter - accessories / design</b>			<b>Rupture disk(s)</b>		
<input type="checkbox"/> Insulation [mm]: <b>-</b>			No. <i>7 St.</i> Pressure rating: <i>-200mbar</i>		
Remarks:			<b>Filling level of Hopper/Trough</b>		
			Level: <i>1/3</i>		
			Bulk density [t/m³]: <i>&lt;0,3</i>		