

Delivery Note

Date 12-01-2001

Blatt 1.02

Customer	Delivery address	Kind of dispatch	DAP	Contract No.	365-01
Kronospan Ltd.	Kronospan Ltd.	Delivery date	KW 12	Order No.	120287
Chirk, Wrexham	Chirk, Wrexham	Installation	LHS	Order date	06-02-2001
LL14 5NT Clwyd	LL14 5NT Clwyd	Contact	HW	Ordered by	Purch. Dept.

Anlage	ANLAGE 1 - ABSAUGANLAGE FUBO 1
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Pos.	Quantity	Description	Codex	
1.02.00	1	Jet-Impulse-filter		
		Type: JDRW 12-05-4500-06		
		Serial No.: F049-01		
		Top Coating: RAL 7035		
		Weight: 12990 kg		
		Technical Data:		
		Gas Volume: 90.000 m³/h		
		Operating temperature: 20 °C		
		Kind of dust: MDF-Granulat		
		Filter surface: 840 m²		
		Filter ratio: 107 m³/m²/h		
		Cleaning pressure: 5 bar		
		Air consumption: 66 Nm³/h		
		Cleaning interval: Cycle time 120 sec.		
1.02.01	360	Filterbag PE 520 4500 length	Weiss	
1.02.02	360	Filter basket with venturi 4500 length	Voss	
0	0	Filter basket middle section 0 length		
0	0	Filter basket with bottom 0 length		
1.02.03	1	Compressed air maintenance unit 3/4"	Stasto	
1.02.04	1	Compressed air combination existing of: 3/4"	Stasto	
		Compressed air control <3 bar and safety valve >7 bar	Stasto	
1.02.05	1	Control device FST-EH 8/40 230/50 Volt/Hz	LHS	
1.02.06	1	Differential pressure DPT-Meter 230/50 Volt/Hz controller	Mecair	
1.02.07	1	Device protection for control unit	LHS	
1.02.08	3	Stapa-pipe ssr25 galv. 3000lg	LHS	
1.02.09	2	Connection galv. For Stapa-pipe	LHS	
1.02.10	6	Bracket galv. for Stapa-pipe	LHS	
1.02.11	20	Lfm. Plexi tube 4-6mm	LHS	
1.02.12	1	Filtertop preassambled acc. Parts-list	LHS	
1.02.13	30	Blow pipes galv.	Einfinger	
1.02.14	6	Soundprotection hood for pilot valves galv.	LHS	
1.02.15	6	Exhaust hood clean gas galv.	LHS	
0	0	Clean gas pipe 0		
1.02.16	1	Hand Rails Galv. 6 Units	Deschberger	
1.02.17	1	Ladder Galv. 9358 length	Deschberger	
1.02.18	1	Filter casing acc. Parts-list	Optimetall	
1.02.19	6	Rupture disc with counter frame 920x920 mm	Brilex	
1.02.20	1	Dry-extinguishing system acc. Parts-list	LHS	
1.02.21	1	Filter hopper with doors acc. Parts-list 800x600	LHS	
1.02.22	1	Outfeed screw hopper - Drive SEW 0,55kW - 9,3 U/min - 400V - 50Hz	MAH	
1.02.23	1	Encoder Telemecanique 24V DC XSAV 11373	Ulmer	
1.02.24	1	Support structure acc. Parts-list 4000 mm	LHS	

Customer	Kronospan Ltd. Chirk, Wrexham LL14 5NT Clwyd GB-North Wales	Delivery address	Kronospan Ltd. Chirk, Wrexham LL14 5NT Clwyd GB-North Wales
Project	Flooring 2	Kind of dispatch	DAP
Plant	Anlage 1 - Absauganlage Fubo 1	Dispatch avisa	
Installation	LHS - Pauschalmontage	Packing	Transport-packed

Creation Date	Contract No.	Delivery date	Contact LHS	Order No.	Order Date	Contact Customer
09-02-2001	365-01	KW 12	HW	120287	06-02-2001	Phil Bloor

Jet-Impulse-filter

Type: JDRW 12-05-4500-06
Serial No. F049-01

Delivery pos.: 1.02.00
Amount 1

Operating mode Druckanlage/suction plant
Placement Outside next to hall

Operating data

Gas volume	90.000	m³/h	Medium	MDF-Granulat
Operating temperature	20	°C	Dust Content	g/Nm³
Filter surface	840	m²	Crude gas	g/Nm³
Filter ratio	107	m³/m²/h	Clean-gas <	0,15 mg/Nm³

Restistance to pressure and temperature

Pressure shock resistance 1,1 bar	x	1,6 bar absolut	
50 mbar - 3mm	x	80 mbar - 4mm	150 mbar
Temp. max. 80°C	x	T <140°C	T <200°C

Filterbag

Delivery pos.: 1.02.01 Bag material PE 520 Diameter 162 Part No. _____
Quantity 360 Length 4500
Further

Filter basket

Delivery pos.: 1.02.02 Delivery pos.: Quantity Length Part No. _____
Quantity 360 Quantity Length Part No. _____
Length 4500 Length mit Boden Part No. _____
with Venturi Mittelteil
Stiffeners 10 Surface galvanized
Further

Compressed air maintenance unit

Delivery pos.: 1.02.03 Size 3/4" Allocation Pos. 2 Part No. _____
Quantity 1
Cleaning pressure - bar 5 Compressed air consumption 66 Nm³/h
Further

Compressed air combination

Delivery pos.: 1.02.04 Size 3/4" Allocation Pos. 2 Part No. _____
Quantity 1
Compressed air control <3 bar and safety valve >7 bar 230 Volt, 50 Hz Output 4-20mA for external Signal
Further

Control unit

Delivery pos.:	<u>1.02.05</u>	Type:	<u>FST-EH 8/40</u>	Cycle time	<u>120</u>	Part No.	
Quantity	<u>1</u>	Volt/Hz	<u>230/50</u>	Pulse time	<u>100 msec</u>		
Further							

Differential pressure controller

Delivery pos.:	<u>1.02.06</u>	Type:	<u>DPT-Meter</u>	Outlet	<u>4 - 20mA</u>	Part No.	
Quantity	<u>1</u>	Volt/Hz	<u>230/50</u>				
Further							

Device Protection

Delivery pos.:	<u>1.02.07</u>	Quantity	<u>1</u>	Surface	<u>galvanized</u>	Part No.	
Further							

Stapa piping

Delivery pos.:	<u>1.02.08</u>	Quantity	<u>3</u>	Stapa-pipe ssr25 galv.	Part No.	
Delivery pos.:	<u>1.02.09</u>	Quantity	<u>2</u>	Connection	Part No.	
Delivery pos.:	<u>1.02.10</u>	Quantity	<u>6</u>	Bracket	Part No.	
Delivery pos.:	<u>1.02.11</u>	Length-Meter	<u>20</u>	Plexi - pipe 4-6mm	Part No.	
Further						

Filtertop

Delivery pos.:	<u>1.02.12</u>	Quantity	<u>1</u>	Material	<u>St 37-2</u>	Part No.	
Control cover soundproof		Quantity	<u>6</u>			Part No.	
Further							

Blow Tubes

Delivery pos.:	<u>1.02.13</u>	Quantity	<u>30</u>	Length	<u>2648 mm</u>	Part No.	
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Soundprotection hood for pilot valves

Delivery pos.:	<u>1.02.14</u>	Quantity	<u>6</u>	Surface	<u>galvanized</u>	Part No.	
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Exhaust hood clean gas connection

Delivery pos.:	<u>1.02.15</u>	Quantity	<u>6</u>	Surface	<u>galvanized</u>	Part No.	
Sound proof							

Clean gas pipe

Delivery pos.:		Size		Connection frame	Part No.	
Quantity		Einheiten				
Further						

Handrail

Delivery pos.:	<u>1.02.16</u>	Surface	<u>galvanized</u>	Start pos.	Part No.	
Quantity	<u>1</u>	Einheiten	<u>6</u>	<u>Pos. 2</u>		
Further						

Ladder

Delivery pos.:	<u>1.02.17</u>	Surface	<u>galvanized</u>	Length	<u>9358</u>	Part No.	
Quantity	<u>1</u>						
Further							

Filter housing

Delivery pos.:	1.02.18	Quantity	1	Material	St 37-2	Part No.
Frame	6	Rohgasabdeckblech				
Further						

Rupture discs

Delivery pos.:	1.02.19	Quantity	6	Size	920x920	Part No.
Tested design-1000mmH2O negative pressure, 0,1 bar over pressure						

Dry-extinguishing system

Delivery pos.:	1.02.20	Size	2"	Connection pos.		Part No.
Quantity	1	C-Connection	x	Pos. 4		

Filter Hopper

Delivery pos.:	1.02.21	Quantity	1	Angle	60°	Part No.
Door	600x800	Quantity	1	Material	St37-2	Part No.
Further						

Screw

Delivery pos.:	1.02.22	Quantity	5	Screw Ø	250 mm	Part No.
Quantity	1	Outlet size	404x256	Pitch	250	
Drive	SEW	Power kW	0,55	Volt/Hz	400V / 50Hz	Part No.
Gearbox	FA47DT80K4	Rotational speed	9,3	U/min		
Further						

Encoder

Delivery pos.:	1.02.23	Proximity switch		Voltage	24V DC	Part No.
Quantity	1	x		Type	XSAV 11373	
Further						

Filter funnel

Delivery pos.:		Quantity		Ausfallgröße		Part No.
Türelement		Quantity		Material		Part No.
Further						

Support frame

Delivery pos.:	1.02.24	Type of profile	IPE 200	Surface	galvanized	Part No.
Quantity	1	Height mm	4000			
Further						

Corrosion protection

Sand blasting	SA2.5	Filtertop	Filter housing	Filter hopper	Screw	Filter funnel
Prime coat	40my	x	x	x	x	
Top coat	40my	RAL 7035	RAL 7035	RAL 7035	RAL 7035	
Further						

Remarks:
