

Specification sheet
Scheuch impulse-filter
sf / single row

Messrs. Siempelkamp GmbH & Co.
Maschinen- u. Anlagenbau
Siempelkampstr. 75, D-47803 Krefeld
project: A-525 Kronospan Chirk-Span
plant: 1/423 filter unit for forming line
referee customer: Messrs. Sicoplan/Mr. Degryse

dispatch address: Kronospan Ltd, Chipboard Manuf.
Clywd LL14 5NT
GB-Chirk-Wrexham
mode of dispatch: ☒ unfree ☐ free coll dispatch advice: ☐
packing: right for lorry
mounting: ☐ Scheuch Ried ☒ by: Messrs. Siempelkamp

order no. customer: date of order:
12696/8 21.03.97

referee
sales: St. Abw. Hs AV: A1

date of sp. sheet
08.04.97

date of delivery
25/97

order no.
29483

IMPULSE-FILTER

item: 423.001 no.: 1 pcs. serial no.: F 5445/97
type: sf dw 05 / 12 - d - .06 [sfd]

construction: ☒ d-bag filter ☐ p-cartridge filter
design: ☐ k-filter head ☐ b-bunker top
☐ l-hopper ☒ w-dust collecting trough + screw
☐ with units preseparating chambers ☐ Pos 2 ☐ Pos 4
dimension sheet 311-0004 drawing: 938-B

Operating data:

gas volume: 96.000 Am³/h operating temp: 20 °C
kind of dust: wood shavings, wood dust
dust content: crude gas: 5 g/Nm³ clean gas: 5 mg/Nm³
filter area: 840 m² load per unit area: 115 Am³/m²h

Filter installation

fan: ☐ open air ☐ in workshop
☐ before filter (pressure plant) ☐ after filter (suction plant)

Temperature design and compressive strength

☒ 11<80°C ☐ 12<140°C ☐ 13<200°C ☐ 14<250°C [sfs hg]
☒ 50mbar 3mm ☐ 40mbar 2.5mm - spec. ☐ 40mbar 2.5mm - galvanized
☐ 80mbar 4mm ☐ 150mbar 4mm reinf. [sfs gv]
design pressure shock proof ☒ 1.3bar ☐ 1.6bar absolute

Filter bags

no. 360 pcs length: ☒ acc. to filter type ☐ special mm
filter material ☐ PE 520 ☒ special Pe530 Shell- [sfs]
☐ without bags (supplied by the customer)

Support cages

☒ single part ☒ SI 37-2 galvanized [sfs stk]
☐ 2-parts ☐ 3-parts with ☐ Alu-connecting rings ☐ wire-coupling
☐ primed <140°C ☐ powder-coated <120°C ☐ Alu-silver varnish <250°C
☐ 20 bars (for Teflon bags) ☐ special material
☐ supply without support cages (supplied by the customer)
☐ 10 bars ☐ 20 bars
☐ direct supply

Filter cartridges

☐ Ø150 ☐ Ø327 (mounting f. bottom)
no. pcs length ☐ acc. to filter type ☐ special mm
filter material ☐ paper fleece ☐ special [sfs]
☐ without cartridges (supplied by the customer)

Filter head

material plate parts: ☒ SI 37-2 ☐ mostly galvanized (2.5mm)
☐ special (2.5mm from 4301):
for: ☐ dust exposed parts ☐ gas exposed parts
jet pipes: ☒ SI 37-2 ☐ galvanized ☐ special 14571 [sfs lrs]
bag bottom: ☒ SI 37-2 ☐ special material
injectors: ☒ galvanized ☐ without injectors ☐ 14571 [sfs inj]
☐ powder-coated <120°C ☐ primed <140°C ord. ☐
pilot box: ☒ heating - 230V ☐ flameproof ord. ☐
☐ ord. ☐

Control unit

control voltage: ☒ 220V-240V, 50-60Hz (max. 24 units)
☐ 110V-140V, 50-60Hz (max. 12 units)
☐ 24V DC (max. 6 units)
☐ ist6 for 1 unit ☐ mounted to filter head
☐ loose for mounting by customer
☐ loose for switchgear cabinet installation
continuous cleaning with cycle time sec (20-300 sec)
☒ ist10 da from 2 units onwards, incl ddm2 transmitter
☒ supplied loose for mounting by the customer
☐ installed in supplied switchgear cabinet
☐ without casing, for mounting in switchgear cabinet by the customer
☐ diff.-pressure dependant cleaning mbar
forced cleaning H: min (5-50 min)
☐ continuous cleaning with cycle time
L: sec (20-180 sec) H: min (5-50 min)
ord. ☐

Compressed air

maintenance unit 3/4 inch (1.3 units 1/2"; 4.12 units 3/4")
setting to: 6 bar consumption: 66 Nm³/h
arrangement: ☐ Pos 2 ☒ Pos 4
☐ compressed air tank on top (only for clean gas connection pos 1 [sfs dl]
☒ sound damping for compressed air impulses [sfs sdd]
isolead valve-exhaust silencer, sound damping mats for tank, cover 50mm with punched plate covering
☐ compressed air mounting switch (PEV transformer) [pn ds]
ord. ☐

Clean gas connection

☐ connection direct at filter head (up to max. 3 units)
arrangement ☐ Pos2 ☐ Pos3 ☐ Pos4
☐ round connection opening NW (max 400) DIN 24154R4
☐ rectangular connection opening NW x450 DIN 24158R4
[sfs re-asl]
☐ clean gas connection cover plate on Pos 3 [sfs re-ab]
(necessary for connection Pos 2 or 4)
☐

checked-sales checked-construction checked-customer date

construction tolerances for the operating valves acc. to DIN 24166
welding works DIN 8563 part3 - CS,CK

Specification sheet Scheuch Impulse-filter sfz single row

Messrs. **Siempelkamp**

project: **A-525 Kronospan Chirk**

order no
29483

Casing

material: ☒ SI 37-2 ☐ plate parts mostly galvanized (2.5mm)
☐ special material (2.5mm for stainless steel)
☐ intermediate walls between [sfs zwg]
bunker top filter
inspection opening: ☐ Pos. 2 ☐ Pos. 4 ☐ with protecting grid [sfs fg]
☐ crude gas connection height (b.c) - without baffle plate
☒ with crude gas connection for each unit ☒ 6 pcs.
☐ crude gas connection-covers pcs. [sfs rgo]
☐ sound insulation impact plate (042-5502-011-01)
rupture-disks ☒ 7 pcs. ☐ -200mbar ☐ +50mbar [sfs bs]
burst foil not inspected ☐ pcs. ☐ -50mbar ☐ +20mbar [sfs bf]
arrangement ☒ Pos. 1 ☐ Pos. 2 (☒ Pos. 4 - 1 pc .)
☐ Pos. 3 (1 bag row less)

arrangement acc. to drawing if possible opposed
☒ 6 pcs. (pos.1 B-height) ord. ☒ Hs.
1 pc. (pos.4 B-height)

Dust collecting hopper

material ☐ SI 37-2 (galvanized not possible)
☐ special (2.5mm for Niro)
inclination: ☐ 60° ☐ 70° [sfs l70]
inspection opening: ☐ Pos. 2 ☐ Pos. 4
outlet nozzle: ☐ 250x250 ☐ 400x250 ☐ 500x315
☐ 630x400 ☐ [lfs ast]

Dust collecting trough with screw

material: ☒ SI 37-2 ☐ panels galv, trough SI 37-2
☐ special (2.5mm for galv. or Niro)
inclination ☒ 60° ☐ 70° [sfs w70]
☐ bothsides inclined inclined at ☐ Pos.2 ☐ Pos.4 [sfs ws]
☐ intermediate walls between [sfs zw]
dust outlet nozzle ☐ 250x250 ☒ 400x250 ☐ 500x315
☐ 630x400 ☐
arrangement ☒ Pos.2 ☐ Pos.4 ☐ Pos.0 (middle)
arrangement inspection openings ☒ Pos.1 ☐ Pos.3 above outlet
☒ max. quantity of discharge at 100%
Screw ☐ 250 ☒ 300 ☐ 400 13.7m/h
☐ screw pipe standard ☒ screw pipe **159/250Stg**
☒ flanged bearing <80°C ☐ spherical roller bearing w. stuffing box <250°C
☐ spherical roller bearing w. stuffing box and grease sealing f. abras. dust <250°C
☒ extension for L=1125 mm ☒ Pos.2 ☐ Pos.4
☐ without middle bearing (up to max. 8 units)
☐ 2 separate screws with each 1 drive
☐

ord. ☒ 1 pcs. ☐ 2 pcs.

make: ☐ Scheuch-Standard ☒ special **SEW**

☒ with weather protection [gmae abd]

☐ 400V/50Hz design: B3 protection IP54 [gm -]

☒ special **415V/50Hz/F/IP54** ord. ☒ Hs.

motor arrangement (if possible at outlet) ☒ Pos.2 ☐ Pos.4

☐ 0.55 KW/16rpm (at $p \approx 0.3 \text{ l/m}^3$) [sfs gm]

☐ 1.1 KW/19rpm (at $p \approx 0.3..1.4 \text{ l/m}^3$)

☒ 1.1 kW/ 18rpm at

☐ motor supplied by the customer-mounting in works (price reduction) [gm aeb]

☐ motor mounted by the customer

Dust receiver

[sfz slst]

▷ drwg-no. _____
type: _____ total height: _____ mm
dust receiver: height _____ mm no.: _____
receiver-extension side: ☐ Pos2 ☐ Pos4
☐

Corrosion protection

outside and inside ☐ zinc chromate primer 40 μm
☐ mostly galvanized (hopper resp. trough RAL 7035 light grey or special coat)
sand blasting SA2.5: ☐ outside ☐ inside [os]
☒ primer coat 120 μm /top coat-RAL 1015-40 μm [og od]
☐ special coat: (ivory)

Pre - mounting of filter

observe transporting dimensions

bags, support cages, injectors loose (danger of damage)
☒ filter head premounted (max. 7 units)
☒ casing in single parts
☐ dust collecting hopper with frame premounted
☒ dust collecting trough in single parts, trough screw premounted
☒ wiring filter-control unit by the customer (list10 da)
☐ casing and filter head assembled [sfz gym]
☐ filter completely assembled
☐ filter bags (cartridges) mounted (only for a-height).
☐ fan mounted acc. to drawing
☐ add. parts mounted (precise list)
☒ identification plates and signs in English

Documentation

German are delivered with hard ware (General docu).
☒ foreign language **English**
☒ General docu. 1. times
☐ Spare part list acc. to customer
☐ mounting instruction ☐ Special docu. acc. to customer
☒ together 1- time to Abw.

Tel.: 43/7752/905-0, Fax: 37

A-4910 Ried LL, Am Burgfried 14

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special design observe additional price and longer delivery periods
standard design
has to be filled in by AV

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single row

Messrs: Siempelkamp

project: A-525 Kronospan Chirk

order no.

29483

Accessories

▷ item: 423.001.04
Support construction [sfz ug]

▷ bill of material no.: 752-1206-440-01

- ☐ support foot (UH=2500mm) ☐ angle steel support ☒ IPE-support
☐ special support → drg. no.:
height support construction: 4000 mm (graduation: every 100mm)
height for dust bin: ☐ 60lt ☐ 90lt ☐ without flap ☐ with flap
installation place: ☒ outdoors ☐ indoors
corrosion protection: ☐ zinc chromate primer 40 µm
☐ top coat RAL
☒ hot-dip galvanized ☐ sand blasting SA2.5 [ov, os]
condition as delivered: ☒ in single parts ☐ mounted to filter [sfz grn]
☐

▷ item: 423.001.05
Anchorage - support construction

▷ bill of material no.: 752-0035-001-01

- ☐ anchorage with expansion sleeve bolt ☐ M20/25/175 ☐
☐ anchorage with adhesive anchor bolt ☐ M20/220 ☐
☐ anchorage with J-bolt ☐ M20 ☐
☒ counter-welding plates 1=25mm ☒ M20x45 8.8 ☐
no. of columns: 6 pcs
bolts per column: 2 pcs
☐ special anchorage → drg. no.:
☐

▷ item: 423.001.06
Attendance stage, rail a ladder [sfz wb]

▷ bill of material: 753-0127-306-01

- ☒ Attendance stage, rail WITH ladder ☐ Pos2 ☒ Pos4
☐ Attendance stage, rail WITHOUT ladder connection (closed rail)
☐ Ladder (for closed rail) ▷ bill of material:
☐ rail and ladder for compressed air tank on top
☒ stage extension ☐ Pos2 ☒ Pos4
☒ rungs safe ☒ safety barrier at exit hatch [sfz wb]
☐ special construction → drg. no.: 751-0272-001-01
☐

- corrosion protection: ☐ zinc chromate primer 40 µm
☐ top coat RAL
☒ hot-dip galvanized ☐ sand blasting SA2.5 [ov, os]
condition for delivering: ☒ in single parts [sfz grn]
☐ rail mounted on filter, ladder loose

☒ End of ladder = UK-support
10475 mm

▷ item: 423.001.07
Clean gas channel [sfz rek]

- ☐ clean gas channel for units size x
☐ material and design like filter ☐ special
connection frame arrangement ☐ Pos2 ☐ Pos4 ☐ special
☐ sound insulated
☐
☒ exhaust cowl for 6 units - galv.
galvanized with protective grid, sound insulated [sfz abh]
corrosion protection ☐ like filter ☐ special

▷ item:
Dry extinguishing line [sfz III]
c-connecting coupling 1m above step height ☐ Pos2 ☒ Pos4
1= 7500 mm

▷ item:
Rotation monitoring screw - built on
☐ make standard pcs. ☐ special ord. ☐
☐ rotation monitoring complete [or eff-ig-übw]
or in single parts:

- ☐ impulse sending ring ☐ console only for proximity switch [or ipg]
☐ proximity switch with console 10 - 55 VDC [or eff]
☐ monitoring unit ☐ 230V, 50 Hz ☐ 24 VDC [or übw]
☐ delivered loose
☐ installed in delivered switch gear cabinet
☒ Telemecanique XSAV11373-M30x1,5/24VDC ord. ☒ HS
☒ impulse machine ring, console a, cover mounted

▷ item:
Insulation see catalogue part 5
filter head cover-insulation in workshop [sfz isk]

- inside ☐ design A (cover 50mm, upper part 80, compressed air unit 50mm)
outside ☐ design C (cover 100mm, upper part 80, compressed air unit 50mm)
☐ design D (cover 100mm, upper part 130)
design C+D cover can only be lifted with crane, housing necessary

other areas thickness mm
insulation by: ☐ Scheuch ☐ customer [isgeh]

- ☐ casing ☐ hopper ☐ trough ☐ filter head lateral ☐ clean gas channel
covering: ☐ alu-sheet ☐ galvanized sheet thickness ☐ 1mm ☐
mounting place: ☐ at site ☐ in workshop
☐ ord ☐

▷ item:
Auxiliary heating for trough resp. hopper ord. ☐

- capacity: kW voltage: 230V thermostat setting: °C
height: ☐ half height ☐ total height m² heating area
arrangement terminal box: acc. to drawing no.:
☐

▷ item:
Filter head housing [fe]

- ☐ housing with attendance stage
☐ housing for compressed air tank on top
☐ housing for compressed air tank on top, double row
specification sent to at
drg.-on:
arrangement door ☐ Pos2 ☐ Pos4
☐ crane rail inside
☐ crane rail 2m projecting ☐ Pos2 ☐ Pos4 [sfz hkr]
☐ door element for crane rail passage [sokqb I]
☐ trolley with lifting device mechanically operated (load capacity 250kg) [sfz kh]
☐ trapezium plate covering in colour RAL
drainage gutter: ☐ Pos2 ☐ Pos4
corrosion protection steelstructure: ☐ like support ☐ special
☐

Specification sheet
Scheuch Impulse-filter
sf dw single row

Messrs. Siempelkamp GmbH & Co
Maschinen- u. Anlagenbau
Siempelkampstr. 75, D-47803 Krefeld
project: A-525 Kronospan Chirk-Span
plant: 4/691 filter unit for saws
referee customer: Messrs. Sicoplan/Mr. Degryse

dispatch address: Kronospan Ltd, Chipboard Manuf.
Clywd LL14 5NT
GB-Chirk-Wrexham
mode of dispatch: ☒ unfree ☐ free coll dispatch advice: ☐
packing: right for lorry
mounting: ☐ Scheuch Ried ☒ by: Messrs. Siempelkamp

order no. customer: 12696/8 date of order: 21.03.97

referee
sales: St. Abw. HS/AV A1

date of sp. sheet
08.04.97

date of delivery
26/97

order no.
29483

IMPULSE-FILTER

item: 691.001 no.: 1 pcs. serial no.: F 5448/97
type: sf dw 05 / 09 - d - 03 [sfs]

construction: ☒ d-bag filter ☐ p-cartridge filter
design: ☐ k-filter head ☐ b-bunker top
☐ l-hopper ☒ w-dust collecting trough + screw
☐ with units preseparating chambers ☐ Pos 2 ☐ Pos 4
dimension sheet 311-0004-93/6 drawing:

Operating data:

gas volume: 43.020 Am³/h operating temp: 20 °C
kind of dust: saw - granule
dust content: crude gas: 5 g/Nm³ clean gas: 137 mg/Nm³
filter area: 315 m² load per unit area: 137 Am³/m²h

Filter installation

☒ open air ☐ in workshop
fan: ☒ before filter (pressure plant) ☐ after filter (suction plant)

Temperature design and compressive strength

☒ 11<80°C ☐ 12<140°C ☐ 13<200°C ☐ 14<250°C [sfs hg]
☒ 50mbar 3mm ☐ 40mbar 2.5mm - spec. ☐ 40mbar 2.5mm - galvanized
☐ 80mbar 4mm ☐ 150mbar 4mm reinf. [sfs gv]
design pressure shock proof ☒ 1.3bar ☐ 1.6bar absolute

Filter bags

no. 135 pcs length: ☐ acc. to filter type ☐ special HS mm
filter material ☒ PE 520 ☒ special [sfs]
☐ without bags (supplied by the customer)
☐ 045-0002-004-01

Support cages

☒ single part ☒ SI 37-2 galvanized [sfs stk]
☐ 2-parts ☐ 3-parts with ☐ Alu-connecting rings ☐ wire-coupling
☐ primed <140°C ☐ powder-coated <120°C ☐ Alu-silver varnish <250°C
☐ 20 bars (for Teflon bags) ☐ special material
☐ supply without support cages (supplied by the customer)
☐ 10 bars ☐ 20 bars
☐ 301-0056-004-01

Filter cartridges

☐ Ø150 ☐ Ø327 (mounting f. bottom) [sfs]
no. 135 pcs length: ☐ acc. to filter type ☐ special HS mm
filter material ☐ paper fleece ☒ special [sfs]
☐ without cartridges (supplied by the customer)
☐

Filter head Pos. 691.001.01 302-0180-023

material plate parts: ☒ SI 37-2 ☐ mostly galvanized (2.5mm)
☐ special (2.5mm from 4301)
for: ☐ dust exposed parts ☐ gas exposed parts
jet pipes: ☒ SI 37-2 ☐ galvanized ☐ special 14571 [sfs lrs]
bag bottom: ☒ SI 37-2 ☐ special material
injectors: ☒ galvanized ☐ without injectors ☐ 14571 [sfs inj]
☐ powder-coated <120°C ☐ primed <140°C ord. ☐
pilot box: ☒ heating - 230V ☐ flameproof ord. ☐
☐ ord. ☐
[sfs ist]

Control unit

control voltage: ☒ 220V-240V, 50-60Hz (max. 24 units)
☐ 110V-140V, 50-60Hz (max. 12 units)
☐ 24V DC (max. 6 units)
☐ ist6 for 1 unit ☐ mounted to filter head
☐ loose for mounting by customer
☐ loose for switchgear cabinet installation
continuous cleaning with cycle time 20-300 sec (20-300 sec)
☒ ist10 da from 2 units onwards, incl ddm2 transmitter
☒ supplied loose for mounting by the customer
☐ installed in supplied switchgear cabinet
☐ without casing for mounting in switchgear cabinet by the customer
☐ diff.-pressure dependant cleaning 5-50 mbar
forced cleaning H: 5-50 min (5-50 min)
☒ continuous cleaning with cycle time
L: 20-180 sec (20-180 sec) H: 3 min (5-50 min)
ord. ☐

Compressed air

maintenance unit 1/2 inch (1.3 units 1/2"; 4.12 units 3/4")
setting to: 6 bar consumption: 27 Nm³/h
arrangement: ☐ Pos 2 ☒ Pos 4
☐ compressed air tank on top (only for clean gas connection pos 1 [sfs dl])
☒ sound damping for compressed air impulses [sfs sdd]
isoloid valve-exhaust silencer, sound damping mats for tank, cover 50mm with punched plate covering
☐ compressed air mounting switch (PEV transformer) [pn ds]
ord. ☐

Clean gas connection

☐ connection direct at filter head (up to max. 3 units)
arrangement ☐ Pos2 ☐ Pos3 ☐ Pos4
☐ round connection opening NW (max 400) DIN 24154R4
☐ rectangular connection opening NW x450 DIN 24158R4 [slz re-asl]
☐ clean gas connection cover plate on Pos 3 [slz re-ab]
(necessary for connection Pos 2 or 4)
☐

checked-sales

checked-construction

checked-customer date

construction tolerances for the operating valves acc. to DIN 24166
welding works DIN 8563 part3 - CS,CK

Specification sheet
Scheuch impulse-filter
sfw single row

Messrs. Siempelkamp

project: A-525 Kronospan Chirk

order no
29483

Casing 691.001.02 311-0004-015
material: ☒ SI 37-2 ☐ plate parts mostly galvanized (2.5mm)
☐ special material (2.5mm for stainless steel)
☐ intermediate walls between [sfs zwg]
bunker top filter
inspection opening: ☐ Pos. 2 ☐ Pos. 4 ☐ with protecting grid [sfs lg]
☐ crude gas connection height (b.c) - without baffle plate
☒ with crude gas connection for each unit ☒ 3 pcs.
☐ crude gas connection-covers pcs. [sfs rgo]
☐ sound insulation impact plate (042-5502-011-01)
rupture-disks ☒ 3 pcs. ☐ -200mbar ☐ +50mbar [sfs bs]
burst fail not inspected ☐ pcs. ☐ -50mbar ☐ +20mbar [sfs bl]
arrangement ☐ Pos. 1 ☐ Pos. 2 ☐ Pos. 4
☒ Pos. 3 (4 bag-row-less)
arrangement acc. to drawing (if possible opposed)
☒ 3 pcs. (Pos. 3 B-height) ord. ☒ HS

Dust collecting hopper
material ☐ SI 37-2 (galvanized not possible)
☐ special (2.5mm for Niro)
inclination: ☐ 60° ☐ 70° [sfs l70]
inspection opening: ☐ Pos. 2 ☐ Pos. 4
outlet nozzle: ☐ 250x250 ☐ 400x250 ☐ 500x315
☐ 630x400 [lfs ast]
☐

Dust collecting trough with screw 691.001.03
material: ☒ SI 37-2 ☐ panels galv. trough SI 37-2
☐ special (2.5mm for galv. or Niro)
inclination ☒ 60° ☐ 70° [sfs w70]
☐ bothsides inclined inclined at ☐ Pos.2 ☐ Pos.4 [sfs ws]
☐ intermediate walls between [sfs zw]
dust outlet nozzle ☐ 250x250 ☒ 400x250 ☐ 500x315
☐ 630x400 ☐
arrangement ☐ Pos.2 ☐ Pos.4 ☒ Pos.0 (middle)
arrangement inspection openings ☐ Pos.1 ☒ Pos.3 above outlet
☒ max. capacity at 100% $\geq 13.0m^3/h$

Screw ☒ ϕ 250 ☐ ϕ 300 ☐ ϕ 400 [sfs sn]
☐ screw pipe standard ☒ screw pipe ϕ 114 (Stg. 200)
☒ flanged bearing < 80°C ☐ spherical roller bearing w. stuffing box < 250°C
☐ spherical roller bearing w. stuffing box and grease sealing f. abras. dust < 250°C
☐ extension for L= mm ☐ Pos.2 ☐ Pos.4
☐ without middle bearing (up to max. 8 units)
☐ 2 separate screws with each 1 drive
☐

Geared motor for screw drive ☒ 1 pcs. ☐ 2 pcs.
make: ☐ Scheuch-Standard ☒ special SEW
☒ with weather protection [gmae abd]
☐ 400V/50Hz design: B3 protection IP54 [gm -]
☒ special 415V/50Hz/F/IP54 ord. ☒ HS
motor arrangement (if possible at outlet) ☒ Pos.2 ☐ Pos.4
☐ 0.55 KW/16rpm (at $p \approx 0.3 l/m^3$) [sfs gm]
☐ 1.1 KW/19rpm (at $p \approx 0.3..1.4 l/m^3$)
☒ 0.55 kW/ 14 rpm at 721-0044-004
☐ motor supplied by the customer-mounting in works (price reduction) [gm deb]
☐ motor mounted by the customer

Dust receiver [sfs slst]
Dwg-no. _____
type: _____ total height: _____ mm
dust receiver: height _____ mm no. _____
receiver-extension side: ☐ Pos2 ☐ Pos4
☐

Corrosion protection
outside and inside ☐ zinc chromate primer 40 μm
☐ mostly galvanized (hopper resp. trough RAL 7035 light grey or special coal)
sand blasting SA2.5: ☐ outside ☐ inside [os]
☒ primer coat 120 μm / top coat-RAL 1015 -40 μm [og od]
☐ special coat: ivory

Pre - mounting of filter observe transporting dimensions
bags, support cages, injectors loose (danger of damage)
☒ filter head premounted (max. 7 units)
☒ casing in single parts
☐ dust collecting hopper with frame premounted
☒ dust collecting trough in single parts, trough screw premounted
☒ wiring filter-control unit by the customer (ist/10 da)
☐ casing and filter head assembled [sfs gym]
☐ filter completely assembled
☐ filter bags (cartridges) mounted (only for a-height!).
☐ fan mounted acc. to drawing
☐ add. parts mounted (precise list)
☒ identification plate and sign in English

Documentation
German are delivered with hard ware (General docu).
☒ foreign language English
☒ General docu. 1 times
☐ Spare part list acc. to customer
☐ mounting instruction ☐ Special docu. acc. to customer
☒ together 1-time to Proj.abw.

Specification sheet
Scheuch impulse-filter
single row

Messrs: Siempelkamp

project: A-525 Kronospan Chirk

order no.
29483

Accessories

▷ item: 691.001.04

Support construction

[sfz ug]

▷ bill of material no.: 752-0903-335-01
☐ support foot (UH=2500mm) ☐ angle steel support ☒ IPE-support

☐ special support → drg. no.:

height support construction 3500 mm (graduation: every 100mm)

height for dust bin: ☐ 60lt ☐ 90lt ☐ without flap ☐ with flap

installation place: ☒ outdoors ☐ indoors

corrosion protection: ☐ zinc chromate primer 40 µm

☐ top coat RAL

☒ hot-dip galvanized ☐ sand blasting SA2.5 [ov,os]

condition as delivered: ☒ in single parts ☐ mounted to filter [sfz gm]

☐

▷ item: 691.001.05

Anchorage - support construction

▷ bill of material no.: 752-0035-001-01
☐ anchorage with expansion sleeve bolt ☐ M20/25/175

☐ anchorage with adhesive anchor bolt ☐ M20/220

☐ anchorage with J-bolt ☐ M20

☒ counter-welding plates l=25mm ☒ M20x45 8.8

no. of columns: 4 pcs

bolts per column: 2 pcs

☐ special anchorage → drg. no.:

▷ item: 691.001.06

Attendance stage, rail a. ladder

[sfz wb]

▷ bill of material 753-0127-203-01
☒ Attendance stage, rail WITH ladder ☐ Pos2 ☒ Pos4

☐ Attendance stage, rail WITHOUT ladder connection (closed rail)

☐ Ladder (for closed rail) ▷ bill of material

☐ rail and ladder for compressed air tank on top

☐ stage extension ☐ Pos2 ☐ Pos4

☒ rungs safe ☒ safety barrier at exit hatch [sfz wb]

☐ special construction → drg. no.: 751-0272-001-01
☐

corrosion protection ☐ zinc chromate primer 40 µm

☐ top coat RAL

☒ hot-dip galvanized ☐ sand blasting SA2.5 [ov,os]

condition for delivering: ☒ in single parts [sfz gm]

☐ rail mounted on filter, ladder loose

☒ end of the ladder = UK-support

= 9975 mm

▷ item: 691.001.07

Clean gas channel

[sfz rek]

☐ clean gas channel for units size x

☐ material and design like filter ☐ special

connection frame arrangement ☐ Pos2 ☐ Pos4 ☐ special

☐ sound insulated

☐
☒ exhaust cowl for 3 units galv. 302-0893-003-02

galvanized with protective grid, sound insulated [sfz abh]

corrosion protection ☐ like filter ☐ special

▷ item:

Dry extinguishing line

[sfz III]

c-connecting coupling 1m above step height ☐ Pos2 ☒ Pos4

l= 7055

▷ item:

Rotation monitoring screw - built on

☐ make standard pcs. ☐ special ord. ☒ Hs

☐ rotation monitoring complete [nr eff-ig-üb]

or in single parts:

☐ impulse sending ring ☐ console only for proximity switch [nr igg]

☐ proximity switch with console 10 - 55 VDC [nr eff]

☐ monitoring unit ☐ 230V, 50 Hz ☐ 24 VDC [nr übw]

☐ delivered loose

☐ installed in delivered switch gear cabinet (240VDC)

☒ Telemecanique XSAV11373-M30x1,5rd

☒ impulse machine ring, console a, cover

assembled

▷ item:

Insulation

see catalogue part 5

filter head cover-insulation in workshop [sfz isk]

inside ☐ design A (cover 50mm, upper part 80, compressed air unit 50mm)

outside ☐ design C (cover 100mm, upper part 80, compressed air unit 50mm)

☐ design D (cover 100mm, upper part 130)

design C/D cover can only be lifted with crane, housing necessary

☐

other areas

thickness mm

insulation by: ☐ Scheuch ☐ customer [isgeh]

☐ casing ☐ hopper ☐ trough ☐ filter head lateral ☐ clean gas channel

covering: ☐ alu-sheet ☐ galvanized sheet thickness: ☐ 1mm ☐

mounting place: ☐ at site ☐ in workshop

☐

ord.

▷ item:

Auxiliary heating

for trough resp. hopper ord.

capacity: kW voltage: 230V thermostat setting: °C

height: ☐ half height ☐ total height m² heating area

arrangement terminal box: acc. to drawing no.:

☐

▷ item:

Filter head housing

[fe]

☐ housing with attendance stage

☐ housing for compressed air tank on top

☐ housing for compressed air tank on top, double row

specification sent to at

drg.-on:

arrangement door ☐ Pos2 ☐ Pos4

☐ crane rail inside

☐ crane rail 2m projecting ☐ Pos2 ☐ Pos4 [sfkz hkr]

☐ door element for crane rail passage [sskab l]

☐ trolley with lifting device mechanically operated (load capacity 250kg) [sfkz hh]

☐ trapezium plate covering in colour RAL

drainage gutter: ☐ Pos2 ☐ Pos4

corrosion protection steelstructure: ☐ like support ☐ special

☐