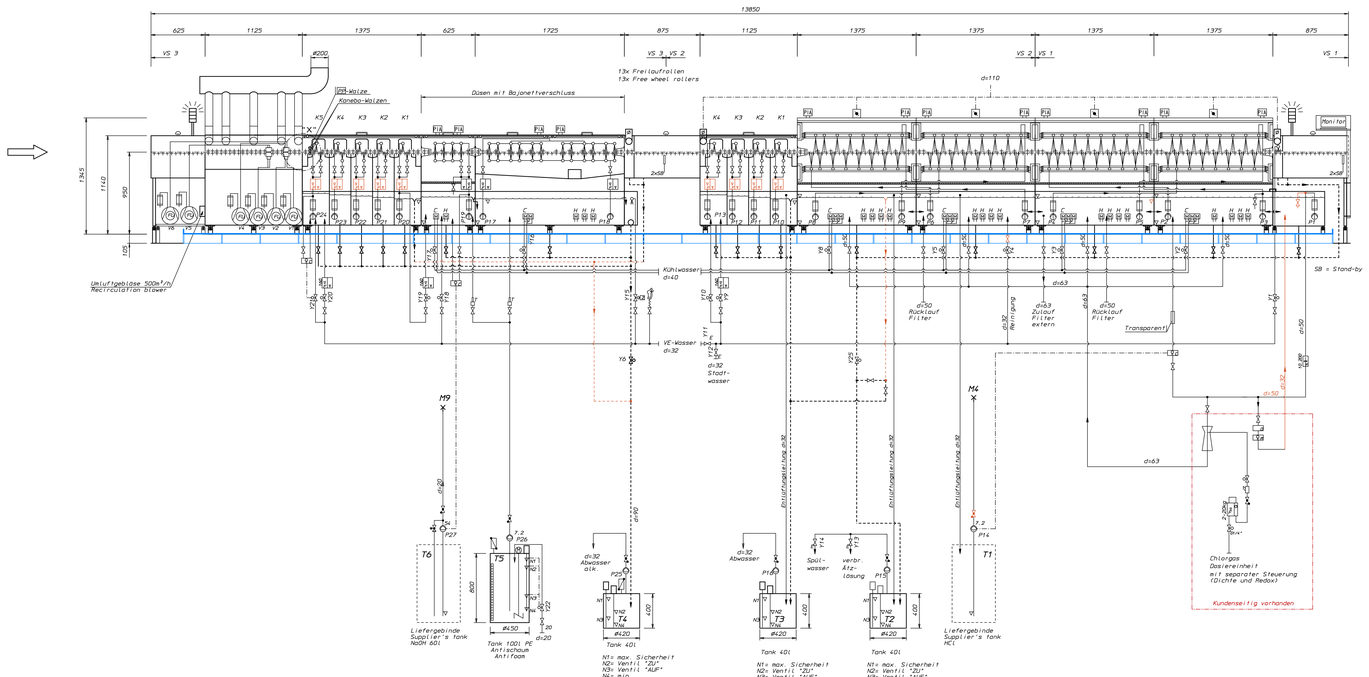
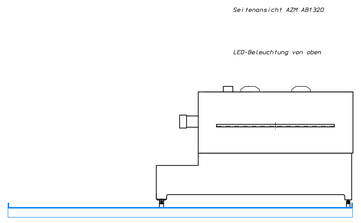
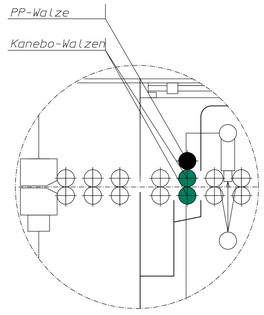
Modul/ Module	PP/VA	PP/VA	PP/VA	PP/VA	PP/VA	PP/Ti	PVC/Ti	PVC/Ti	PVC/Ti	PVC/Ti	PVC/Ti	PVC/Ti
Pumpe/ Pump		6x 3.0kW/6x FU	5x 1.8kW/5x FU	1x 4.0kW/FU	2x 4.0kW/2x FU		4x 1.8kW/4x FU	2x 4.0kW/2x FU	2x 4.0kW/2x FU	2x 4.0kW/2x FU	2x 4.0kW/2x FU	1x 4.0kW/1xFU
Filter/ Filter			5x 1x10"	1x 3x10"	2x Zykloniflter		4x 1x10"	2x 3x10"	2x 3x10"	2x 3x10"	2x 3x10"	1x 3x10"
Filterkerze/ Cartridge			5x 80µm	3x 80µm			4x 80µm	6x 80µm	6x 80µm	6x 80µm	6x 80µm	3x 80µm
Durchflussmesser/ Flowmeter			5x 6.300l/h	1x 13.000l/h	2x 25.000l/h		4x 6.300l/h					
Badvolumen/ Bath volume			V=610l	V=300l	V=740l		V=520l	V=650l	V=650l	V=650l	V=650l	
Temperatur/ Temperature		max. 63°C		max. 60°C	max. 60°C			max. 52°C	max. 52°C	max. 52°C	max. 52°C	
Prozesszeit/ Process time												
Temperaturregler/ Temperature control				TH	TH			TH	TH	TH	TH	
Sicherheitsthermostat/ Safety thermostat		STH	STH in K1-K5	STH	STH		STH in K1-K4	STH	STH	STH	STH	
Niveaukontrolle "Stehende Welle"/ Level control "Immersion zone"												
Niveaukontrolle/ Level control			min in K1		Befüllniveau		min in K1	max	max	max	max	
										Befüllniveau		
				TG	TG			TG	TG	TG	TG	

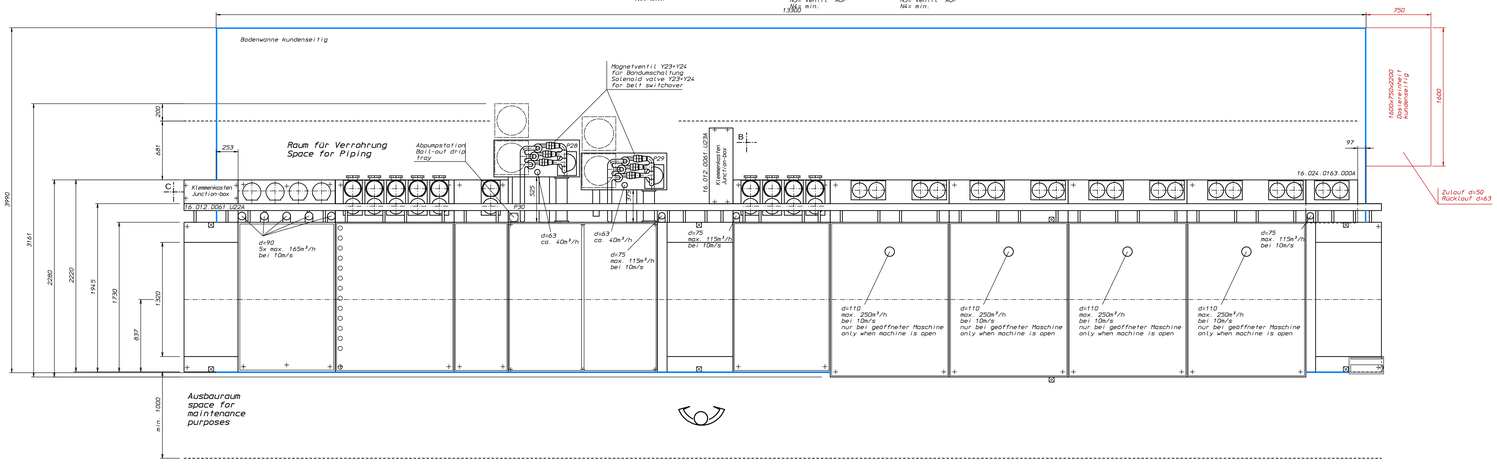
M12	M11	M10	M9	M8	M7	M6	M5	M4	M3	M2	M1
TRX2+VS Auslauf Output	TK14 Trocknen Dry	KSH5 Kaskade-Spülen Cascade-Rinse	WMT2 Nachstrippen Post-Strip	STN6+ZBF Strippen Strip	TRX3+VS Kontrolle Inspection	KSH4 Kaskade-Spülen Cascade-Rinse	AZH5 Ätzen 4 Etch 4	AZH5 Ätzen 3 Etch 3	AZH5 Ätzen 2 Etch 2	AZH5 Ätzen 1 Etch 1	TRE3+VS Einlauf Input

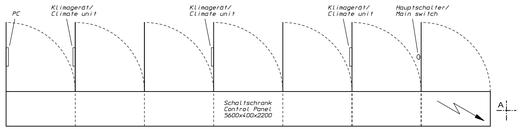






Detail "X"





Pumpenliste / List of pumps

P1-P9	PUTA0028E2.010800	4.0kW	
P10-P13	PUTA0028E2.012600	1.8kW	
P14	PU00225600-03429	0.02kW	
P15, P16	PUTA07435.009100	0.65kW	
P17, P18	03.025.0045.0280	4.0kW	
P19	PUTA03025.007700	4.0kW	
P20-P24	PUTA0028E2.012600	1.8kW	
P25	PUTA07435.009200	0.65kW	
P26	PU00225600-03413	0.02kW	
P27	PU00059300-00215	0.09kW	
P28, P29	03.025.0045.0280	4.0kW	
P30	PUTA02854.001100	0.045kW	

Technische Daten/Technical Data

Arbeitsgeschw. ca./Operation speed approx.	: 0.01-3.0m/min
Transportsystem	: Standard-Transport **
Arbeitsrichtung/Working Direction	: R-L
Arbeitsbreite/Working Width	: 1320mm
Plattenformat/Panel Size	max. : 520mmx520mm (2x)
	min. : 150mmx150mm
Plattendicke/Panel Thickness	max. : 2.0mm
	min. : 0.2mm
Spannung/Connection voltage	: 400V/50Hz
Kommissions-Nr./Commission-No.	: 0023-302661, 0046-302662

** Vollwalzen ohne Mittelabstützung

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Änderungen/Modifications	Datum	Name	Maßstab/Scale	Projekt/Project 008313
	Gez. 26.02.14	HEITZ.UT	1:25	
K. Beilharz 24.02.2014	Gepr.			
01 26.02.2014 HEITZ.UT	Norm			

SCHMID Group Freudenstadt

23-26316-07-A0

ES-Linie FeCl3 - Formteilätzen

Nr.	Datum	Name	Schutzvermerk nach DIN ISO 16016 beachten	Ursprung/Origin 23-26291-00-A0

Kabellängen/ Cable lengths	Meter
A - B	31m
A - C	35m