

Technical Data Powertrans Classic PT 50 5 - 11 Compartments Top Unloading



	Model	PT 50-5	PT 50-6	PT 50-7	PT 50-8	PT 50-9	PT 50-10	PT 50-11
Number of chambers	units	5	6	7	8	9	10	11
Load capacity per chamber	kg DrW	50						
Washing through put at 36 kg DrW)1 per batch								
20 minutes duration	kg/h	750	900	1050	1200	1350	1500	1650
30 minutes duration	kg/h	500	600	700	800	900	1000	1100
40 minutes duration	kg/h	375	450	525	600	675	750	825
Dimensions of the batch washing machine								
Length)6 (through put direction)	mm	6270	7014	7758	8502	9246	9990	10734
Width	mm	2130						
Height (less feet)	mm	2405						
Dimension of the internal drum								
Diameter	mm	1635						
Lenght compartment 1	mm	1240						
Lenght from compartment 2	mm	740						
Filling height (less feet)	mm	1972						
Unloading height (unloading chute, less feet)	mm	828						
Washing spin rate (max.)	min -1	14						
Weight)2								
Net (less dispensing system)	kg	9750	10230	10860	11430	11990	12570	13130
Ready for operation	kg	11250	12030	12960	13830	14690	15570	16430
Number of feet (200 x 220 mm)	units	6						
Calc. support press. on feet	kg/cm²	4			5			
Electrics								
Voltage	V	400						
Frequency	Hz	50						
Connection value	kW	19						
Drive power	kW	15						
Power consumption)3	kWh/h	3,8	4,5	5,3	6,0	6,8	7,5	8,3
Compressed air								
Connection	Inch	1/2						
Operating pressure (max.)	MPa	0,6						
Compr. air consumption	l/kg (aprx.)	0,55						
Water								
Connection (cold water)	Zoll	2						
Flow through quantity (max.)	l/kg (aprx.)	8						
Pressure of fluidity	MPa	0,2 - 0,4						
Drainage cross section (external diameter)	mm	125						
Water consumption)4 at 6l water per kg DrW and 30 min. washing time	l/h (aprx.)	3000	3600	4200	4800	5400	6000	6600
Steam								
Connection (Low pressure)	DN	80						
Operating press. (Low pressure)	MPa	0,10 - 0,24						
Connection (High pressure)	DN	65						
Operating press. (High pressure)	MPa	0,25 - 0,80						
Connection value)5	kg/h	500	600	700	800	900	1000	1100
Steam consumption per kg DrW	kg/h (aprx.)	0,4						
Steam consumption at 0.4 kg steam per kg DrW and 30 min. washing time)7	kg/h (aprx.)	200	240	280	320	360	400	440
Heating emission to the environment	kW	6,5	7,0	8,0	8,5	9,5	10,5	11,5
Noise emiss. (acoust. press.) at 1 m distance	dB(A)	70						

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- All rights for technical changes withheld
 - Information referring to weight and consumption data refers to the standard equipment
 - The minimum cycle time is 90 seconds together with a press EP 8xx and 65 seconds together with a press PP 10.
- Better water extraction in the water extraction press will result if a longer cycle time is selected.

- 1 MPa = 10 bar

- (1) TrW = Dry work (cotton cloth according to 53919)
- (2) The weight information refers to the standard execution
- (3) The energy consumption information refers to the standard execution with nominal loading including pumps etc.
- (4) The water consumption of 6 l/kg dry work is an average figure with two bath exchanges after pre-wash and main wash with „standing baths“. The water consumption may be between 3 and 10 liter/kg dry work depending upon the process used.

- (5) The connected value refers to a PT Standard with a loading conveyor and a wash time of 30 minutes.
- (6) Dimension L depends on length of unloading chute. Here 480 mm.
- (7) The steam consumption of 0.4 kg/kg DrW is an average figure using thermal disinfection process and 2 bath exchanges. The steam consumption may be between 0.2 and 0.5 kg steam/kg DrW depending on the procedure
- (8) In connection with a press PowerPress PP.

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	Model	PT 50-12	PT 50-13	PT 50-14	PT 50-15	PT 50-16	PT 50-17	PT 50-18
Number of chambers	units	12	13	14	15	16	17	18
Load capacity per chamber	kg DrW				50			
Washing through put at 36 kg DrW)1 per batch								
20 minutes duration	kg/h	1800	1950	2100 (8)	2250 (8)	2400 (8)	2550 (8)	2700 (8)
30 minutes duration	kg/h	1200	1300	1400	1500	1600	1700	1800
40 minutes duration	kg/h	900	975	1050	1125	1200	1275	1350
Dimensions of the batch washing machine								
Length)6 (through put direction)	mm	11478	12222	12966	13710	14454	15198	15942
Width	mm				2130			
Height (less feet)	mm				2405			
Dimension of the internal drum								
Diameter	mm				1635			
Length compartment 1	mm				1240			
Length from compartment 2	mm				740			
Filling height (less feet)	mm				1972			
Unloading height (unloading chute, less feet)	mm				828			
Washing spin rate (max.)	min -1				14			
Weight)2								
Net (less dispensing system)	kg	13710	14270	14840	15410	15980	16940	17500
Ready for operation	kg	17310	18170	19040	19910	20780	22040	22900
Number of feet (200 x 220 mm)	units		6			8		
Calc. support press. on feet	kg/cm²		7			6		7
Electrics								
Voltage	V				400			
Frequency	Hz				50			
Connection value	kW	19			32			
Drive power	kW	15			22			
Power consumption)3	kWh/h	9,0	9,8	10,5	11,3	12,0	12,8	13,5
Compressed air								
Connection	Inch				1/2			
Operating pressure (max.)	MPa				0,6			
Compr. air consumption	l/kg (aprx.)				0,55			
Water								
Connection (cold water)	Zoll				2			
Flow through quantity (max.)	l/kg (aprx.)				8			
Pressure of fluidity	MPa				0,2 - 0,4			
Drainage cross section (external diameter)	mm				125			
Water consumption)4 at 6l water per kg DrW and 30 min. washing time	l/h (aprx.)	7200	7800	8400	9000	9600	10200	10800
Steam								
Connection (Low pressure)	DN				80			
Operating press. (Low pressure)	MPa				0,10 - 0,24			
Connection (High pressure)	DN				65			
Operating press. (High pressure)	MPa				0,25 - 0,80			
Connection value)5	kg/h	1200	1300	1400	1500	1600	1700	1800
Steam consumption per kg DrW	kg/h (aprx.)				0,4			
Steam consumption at 0.4 kg steam per kg DrW and 30 min. washing time)7	kg/h (aprx.)	480	520	560	600	640	680	720
Heating emission to the environment	kW	12,5	13,5	14,5	15,5	16,0	17	18
Noise emiss. (acoust. press.) at 1 m distance	dB(A)				70			

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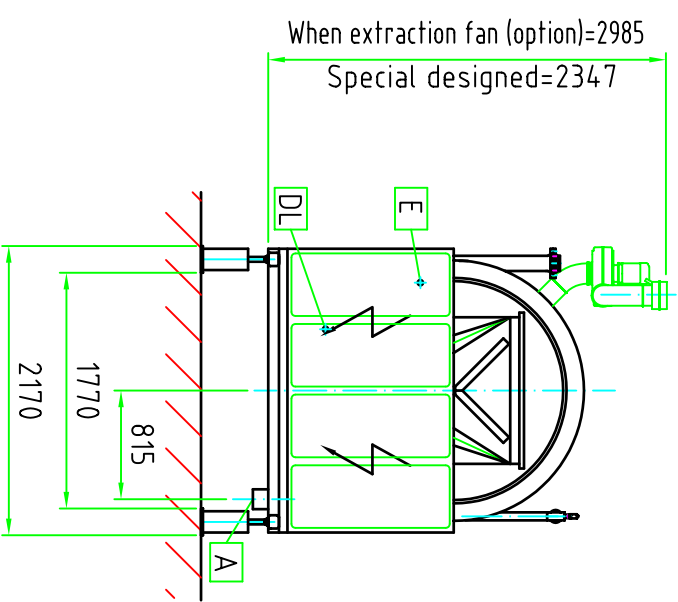
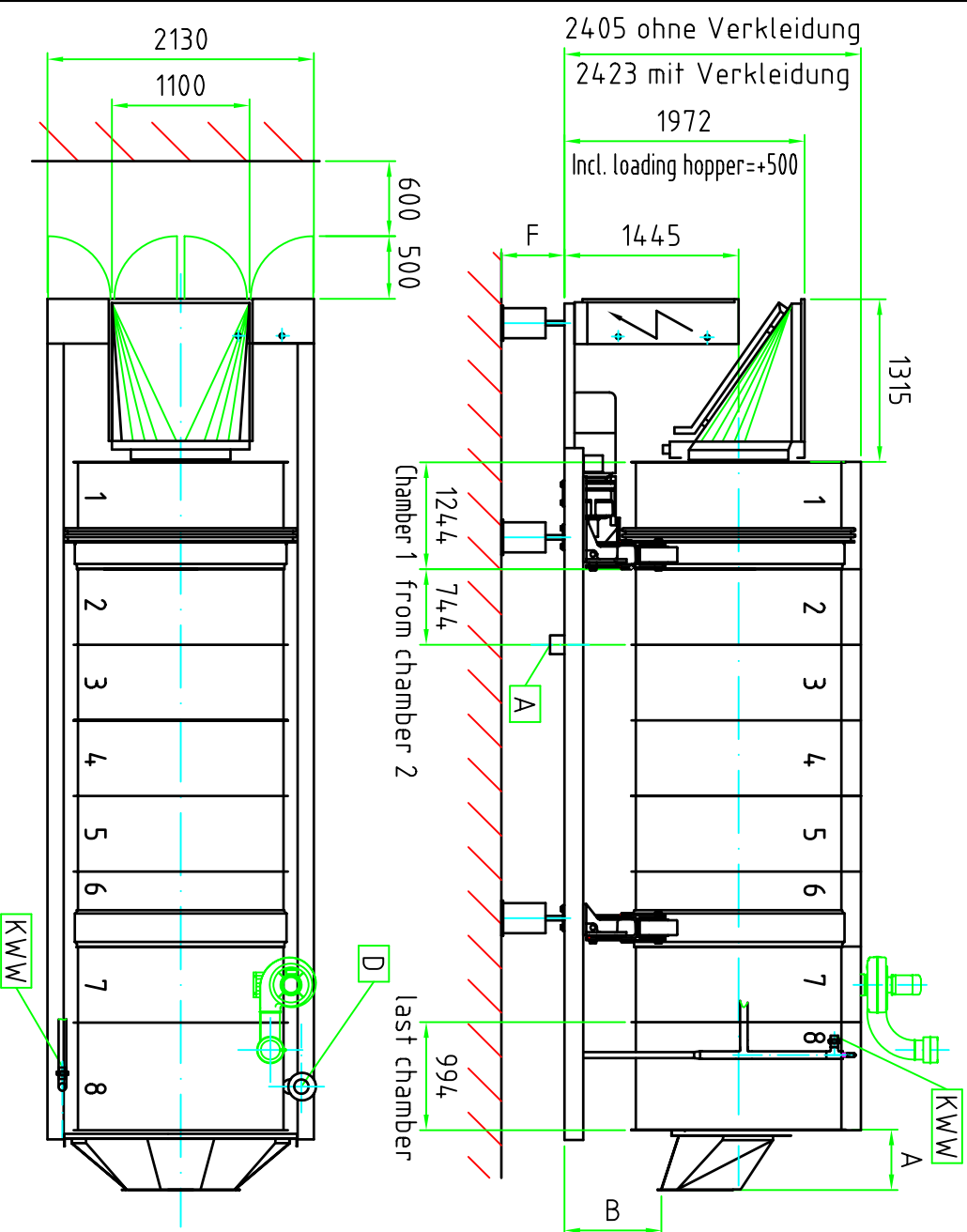
- Technische Änderungen vorbehalten
- Angaben hinsichtlich Gewichte und Verbräuche beziehen sich auf die Standardausführung
- Die minimale Taktzeit beträgt 90 Sekunden in Verbindung mit einer Entwässerungspresse EP 8xx und 65 Sekunden in Verbindung mit einer Entwässerungspresse PowerPress PP. Wenn mit längeren Taktzeiten gefahren wird, verbessert sich die Entwässerung in der Entwässerungspresse.

- 1 MPa = 10 bar

- (1) TrW = Trockenwäsche (Baumwollgewebe nach 53919)
- (2) Die Gewichtsangaben beziehen sich auf die Standardausführung
- (3) Der Energieverbrauch bezieht sich auf die Standardausführung bei Nennbelastung einschließlich Pumpen etc.
- (4) Der Wasserverbrauch von 6 l/kg TrW gilt als durchschnittlicher Verbrauch bei zwei Badablässen nach Vor- und Klarwäsche bei "stehenden Bädern". Verfahrensspezifisch kann der Wasserverbrauch zwischen 3 und 10 Litern/kg TrW liegen.

- (5) Der Anschlußwert bezieht sich auf eine PT in Grundausrüstung mit einem Beladeband sowie einer Waschzeit von 30 Minuten.
- (6) Maß L abhängig von Rutschenlänge (Entladeseite). Hier 480 mm.
- (7) Der Dampfverbrauch von 0,4 kg/kg TrW gilt als durchschnittl. Wert bei thermischer Desinfektion und 2 Badablässen. Verfahrensspezifisch kann der Dampfverbrauch zwischen 0,2 und 0,5 kg Dampf/kg TrW liegen
- (8) In Verbindung mit einer Presse PowerPress PP.

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KW	Cold water, soft	DL	Compressed air	E	Electrical connection
D	Steam	A	Drain	F	Height of feet (see sep. sheet)

Press / Extractor	A	B
PP 10-50-40/56	480	828
PowerSpin PS65	480	828