

number of pinch streams	Process name	Start	End	Hot/Cold	mass flow m	specific	Enthalpy H	operating
		Temperature	Temperature			heat capacity		
		[°C]	[°C]		[kg/s]	[kJ/kg.K]	[kW]	[h]
1	Washer 1-3 Boxes	20,0	70,0	Cold	2,78	1,90	263,89	4500
2	Dryer 3 - 10 Boxes	70,0	70,0	Hot	2,78	1,90	0,00	4500
3	Boxes 10 - ambient	70,0	20,0	Hot	2,78	1,90	-264,10	4500
5	Washwater 4-6	70,0	100,0	Cold	4,88	4,19	613,77	4500
6	Washwater 5 - waste water	70,0	11,0	Hot	1,33	4,19	-329,28	4500
7	Cleaning Water 19 - 22	11,0	55,0	Cold	1,39	4,19	256,06	4500
9	air before dryer 12 - 11	11,0	90,0	Cold	9,73	1,00	768,60	4500
10	Air after dryer 9 - ambient	70,0	20,0	Hot	9,81	1,00	-490,63	4500

Energy

kWh/a

1187500
0
-1188450
2761943,3
-1481746
1152250
3458718,8
-2207813