

The Waterfall - Bundle Labelling

Details		
Max. number of bundles / minute	15	pcs
Number of production hours / day	24	h
Number of working days / year	360	days
Electricity price / kWh	1,50	SEK
Max. number of bundles / hour	900	pcs
Max. number of bundles / day	21 600	pcs
Max. number of bundles / year	7 776 000	pcs

Shrink Film & Labels		
Cost per shrink wrap	0,10	SEK
Cost per label (on wrap)	2,30	SEK
Cost per label (waterfall application)	1,70	SEK

Sleeve label	Sleeve
--------------	--------

Shrink tunnel/oven (Shrink film)		
Energy consumption per hour	15	kW
Energy consumption per bundle (kW)	0,001	kW
Energy consumption per bundle (W)	0,7	W
Energy consumption per day (kWh)	360	kWh
Electricity cost per day	540	SEK

AC (Cooling)		
Energy consumption per hour	5	kW
Energy consumption per day (kWh)	120	kWh
Electricity cost per day	180	SEK

Calculation		
Oven + AC, electricity cost per day	720	SEK
Oven + AC, electricity cost per year	259 200	SEK
Shrink film + sleeve label cost per day	51 840	SEK
Shrink film + sleeve label cost per year	18 662 400	SEK
Cost per label (Waterfall) / day	36 720	SEK
Kostnad per etikett (vattenfall) / år	13 219 200	SEK
Annual savings	5 702 400	SEK