

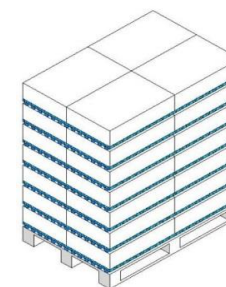
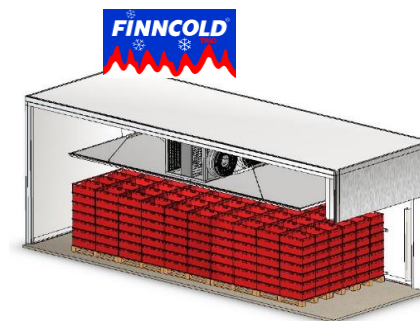


KOMETOS OY, FC -product

PAYBACK CALCULATION, MTC-15

Customer:

	QTY	NOTES
Capacity per shift	9 000	kg / 8 hours
Number of shifts per day	1	3 shifts, 8 hours per shift
Capacity per week	45 000	5 days per week
Capacity per year	2 250 000	50 working weeks in year
Electricity consumption of process	430	kWh, 1 shift
Price per kWh #	0,10	€ / kWh
The cost of the process	43,00	€ / process
The cost of the process / year	10 750,00	€ / process / year
Drop loss in traditional method	5,0 %	Normally between 4-6% when thawing from -20C...-2C.
Drop loss in kg / year	112 500	kg
Drop loss in Kometos method	1,5 %	Normally between 1,5-2% when thawing from -20C...-2C.
Drop loss in kg / year	33 750	kg
Price per kg *	4,0	Eur / kg
Savings in kg	78 750	kg
Savings in EUR in year	315 000	EUR
Total savings / year	304 250	Savings - process costs (electricity)
Investment costs MTC-15	127 800	EUR
Payback time	0,4	Year
Notes		Products in E2 boxes or carton packages + spacers between layers



Additionally there will be process savings in labour costs (automatic process control) and quality of products after thawing process.

* Price per kg depends on product and area. In this example we have used producer price in Finland for bovine (sausage material).

Price per kWh depends on the area. In this example we have used the electricity price in Finland.