

RETURN ON INVESTMENT



Disposable Packaging

Vs.

IBC CONTAINERS & PALLETS

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Returnable Plastic Containers Vs. Cardboard/Limited trip

MONTHLY COST

A. How many cardboard boxes or limited trip packs do you
Purchase per month? _____

B. What is the average unit cost per cardboard
Box? € _____

Monthly cost of cardboard/limited trip: A x B = € _____

C. How many hours per month are spent assembling
Cardboard boxes or limited trip packs?
_____ Hours X € _____ per hour labour= € _____

D. What do you think it costs per month for product damage caused
Caused by exposed staples, split boxes, general lack of protection,
Water contamination etc? € _____

E. How much do you spend per month for freight, recycling and other
Costs of disposal of waste transit packaging? € _____

F. What do you think it costs per month for lost time, workers comp
Medical expenses resulting from back injuries through mishandling
Loaded cardboard/limited trip packs? € _____

G. Total monthly cost of cardboard boxes or limited trip = € _____

H. Cost of replacing with IBC plastic containers = € _____

PAYBACK PERIOD = H ÷ G = _____ Months

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IBC PLASTIC PALLETS Vs. TIMBER PALLETS

	MONTHLY COST
A. How many wooden pallets do you buy per month? _____	
B. What is the unit cost of a wooden pallet? € _____	
Monthly cost of new timber pallets: A x B =	€ _____
C. How many wooden pallets do you need to repair Each month? _____	
D. On average, what's the cost of repair (including Labour cost & materials)? € _____	
Monthly cost of repair: C x D =	€ _____
E. How many hours per month are spent obtaining New pallets, sorting and loading broken pallets For repair, etc? _____ Hours @ € _____ per hour =	€ _____
F. What do you think it costs per month for product Damage caused by exposed nails, broken boards etc? _____	€ _____
G. How much do you spend per month for freight, recycling And other costs associated with disposal of unusable Wooden pallets? _____	€ _____
H. What do you think it costs per month for lost time, workers Compensation and medical costs resulting from wooden Pallet related injuries (through nails, splinters, broken Pallets, etc.)? _____	€ _____
I. Total monthly cost of operating with timber pallets = _____	€ _____

J. Cost of replacing timber pallets with IBC pallets = € _____

PAYBACK PERIOD = J ÷ I = _____ MONTHS

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LIMITED/ONE TRIP PACKAGING

POSITIVES

Initially inexpensive
Light weight
Ideal for non-return applications such as export outside Europe
Recyclable

NEGATIVES

Cost of collection & disposal
Have to purchase in bulk
Storage
Offers limited protection to contents
Time consuming to assemble
Staples/splinters could damage contents or injure operator
Possible absorption of contaminants
Not weatherproof
No constant tare

RETURNABLE PLASTIC CONTAINERS

POSITIVES

After initial “pay back” – less expensive than one trip packaging
Longevity
Constant tare
Purchase as required
Secure stacking in storage & transit
Nests/folds for storage & to save on return transport costs
Protection of contents
Operator comfort & safety
Can be manufactured in corporate colour and “branded” with owners logo & details
Traceability
Weatherproof
Retention of preserving agents
Non-absorption of contaminants
Hygienic & easy to clean by machine or pressure hose
Recyclable

NEGATIVES

Initially expensive
Weight
Cost if not returned

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