If your business is potentially vulnerable to disruption in supply, Plastribution has developed a solution that provides the assurance of allocated physical inventory capable of being delivered in bulk and bag formats.
Supply chain know-how

Supply chain management is at the very core of the Plastribution business model. Historically ‘distribution’ has served the needs of small and medium size processors and security of supply has been made possible by Plastribution holding significant physical inventory available for delivery at short notice. Typically this physical inventory creates an effective buffer between plastic converters and polymer producers and the effect of upstream supply disruptions eliminated.

Until now it has been difficult to replicate the benefits of distribution model for large processors due to both cost implications and a typical requirement to deliver product ‘in bulk’ so that it can be discharged into silos at the plastic converter’s facility. In common with polymer producers, polymer converters typically face both physical storage capacity and working capital restrictions; these factors inevitably result in less physical product in the supply chain and hence greater vulnerability.

The solutions outlined in this brochure enables large polymer processors the possibility to secure their own buffer stock without the need to tie-up working capital. The inventory can then be made available to the converter at short notice in bulk or other packing formats according to the converters preference. Stock is rotated at an agreed minimum frequency so as to ensure pricing follows market trends and inventory remains fresh.

**Benefit summary:**

- Stock buffer available at short notice
- Security of supply including specialist grades
- No impact on working capital
- Opportunity to secure stock at a fixed price
- Flexibility delivery formats in case of plant problems, blocked silos etc
- Opportunity to take advantage of seasonality in terms of price and/or availability
- Possibility to strategically purchase
Utilise our resources

Your stock your way - let the Plastribution team manage and finance your safety stock.
Bag to Bulk

Polymer Producer

Input
- 25kg Bags
- 1000, 1250, 1375, 1500 Pallets
- 900 -1000 kg Big Bags

Polymer Converter
**COST Components (Per Tonne)**

One-off costs:
- Handling & Delivery

Recurring costs:
- Storage & Interest

**Output**
- 30’FT Bag in Box (x2)
- 30’FT Bag in Box
- Road Tanker
Bag to Bag

- **Polymer Producer**
  - Input
    - 25kg Bags
    - 1000, 1250, 1375, 1500 Pallets
    - 900 - 1000 kg Big Bags

- **Polymer Converter**

**Components (Per Tonne)**

**One-off costs:**
- Handling & Delivery

**Recurring costs:**
- Storage & Interest

**Input**
- 25kg Bags
- 1000, 1250, 1375, 1500 Pallets
- 900 - 1000 kg Big Bags
One-off costs:
- Handling & Delivery

Recurring costs:
- Storage & Interest

Output
- 25kg Bags
- 1000, 1250, 1375, 1500 Pallets
- 900 - 1000 kg Big Bags
COST Components (Per Tonne)

One-off costs:
• Handling, Liner & Delivery

Recurring costs:
• Storage & Interest

Output
• 30’FT Bag in Box (x2)
• 30’FT Bag in Box
• Road Tanker

Plastribution 3PL

- 30’ BAG IN BOX
- 20’ BAG IN BOX
- TANKER
Commercial Flow
Part 1: Putting goods into stock

Polymer Producer

- PO*
- SO Confirmation
- Invoice
- Payment

Polymer Converter

- PO
- SO
- Invoice
- Payment

*Delivery to Plastribution 3PL.
SO includes cost premium based upon expected DWELL time.
SO is adjusted at time of delivery to account for actual DWELL Time.

DWELL Time = Weeks from delivery into Plastribution 3PL until delivery to customer.
Delivery to Plastribution 3PL.

- SO includes cost premium based upon expected DWELL time. SO is adjusted at time of delivery to account for actual DWELL Time.

- **DWELL Time** = Weeks from delivery into Plastribution 3PL until delivery to customer.
Commercial Flow
Part 2: Delivering goods from Plastribution to converter
NB The above illustration is based upon INCO DAP (Delivered At Place) terms. Solutions customized according to your requirements.

Cost Comparison based on delivery format (DAP Terms)
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