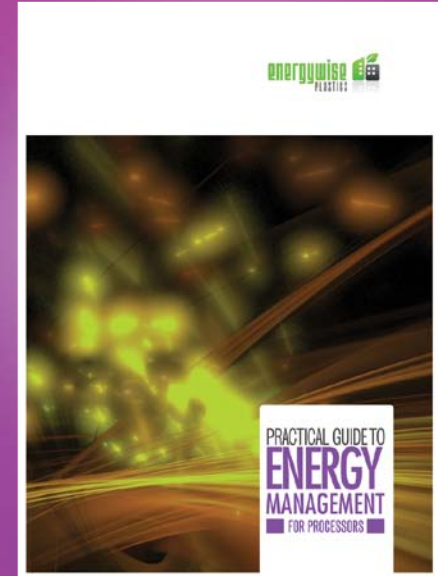


Do you want to reduce energy consumption when processing plastics?

Energy Management Training Designed Specifically for Managers

ENERGYWISE Plastics is an eLearning platform for European plastics processors to increase their knowledge and understanding of energy management.

The ENERGYWISE Plastics '**Practical Guide to Energy Management for Processors**' provides a structured and practical approach to improving energy efficiency when processing plastics.



Topics covered include:

- Injection Moulding
- Extrusion
- Rotational Moulding
- Compression Moulding
- Moulds & Tooling
- Other Processes

Energy Management Training for European Plastics Processors

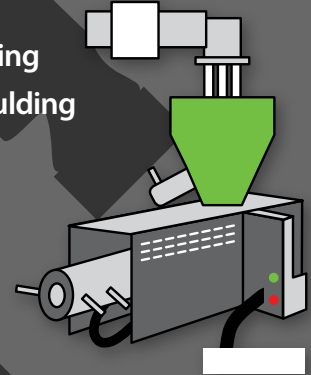
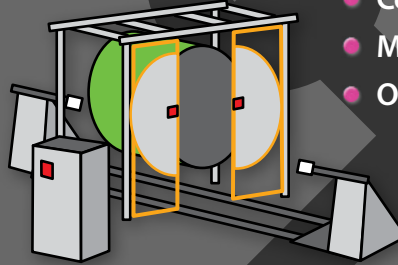




ENERGYWISE Plastics gives useful tips to help reduce your energy consumption when processing plastics.

The guide also covers other plastics processing techniques such as:

- Extrusion
- Rotational Moulding
- Compression Moulding
- Moulds & Tooling
- Other Processes



ENERGYWISE Plastics tips

for good energy
management



Injection and Rotational Moulding

Check the particle size and distribution, a smaller and narrower distribution cuts cycle times by giving faster melting time. Also review mould performance - scrap is often caused by a damaged mould or incorrectly designed mould.



Thermoforming

Optimise the cycle time by accelerating the steps to reduce cycle time and in turn the energy consumption.



Learn more at:

www.energywiseplastics.eu



Blow moulding

Optimise the cooling, the efficiency of the cooling system has a major effect on the overall processing time and energy used. Use a system where the difference of temperature between the water in the entry and exit is not more than 5 °C.



Extrusion

Select the correct extruder for the job, make sure that the length/diameter ratio and screw design are optimised for the part being created. Using a larger extruder for small dies or outputs is inefficient.

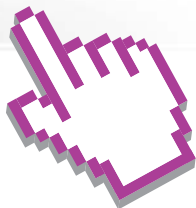


Compression moulding

Are hot surfaces insulated?
It is particularly important where the mould impinges against the machine body to prevent heat loss.

Energy Management Training for European Plastics Processors

To see how you can benefit from the ENERGYWISE Plastics resources register at www.energywiseplastics.eu



ENERGYWISE Plastics energy management resources deliver user-friendly, innovative and highly relevant training tools for the plastics processing industry on how to manage their energy consumption.

Energy Management Training Designed Specifically for Processors

Using a 'blended learning' approach **ENERGYWISE** Plastics provides interactive online modules accompanied by supporting handbooks for '**Plastics processes and processors**'.

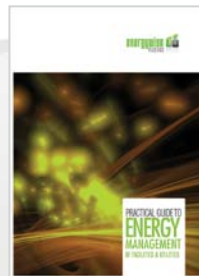
 Learn more at www.energywiseplastics.eu

Also available:



Practical Guide to Energy Management for Managers

This guide provides guidance on effective energy management for managers in the European plastics processing industry.



Practical Guide to Energy Management of Facilities and Utilities

Comprehensive guidance on effective energy management for organisations in the polymer processing industry.

