



A BIG CONVERSATION ON THE FUTURE OF PLASTIC



TRIPLAS



VEDI











25 years old



Material is mixed together to formulas
in large batches to ensure smooth
running of our moulders



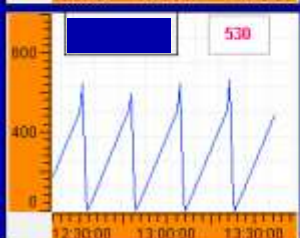
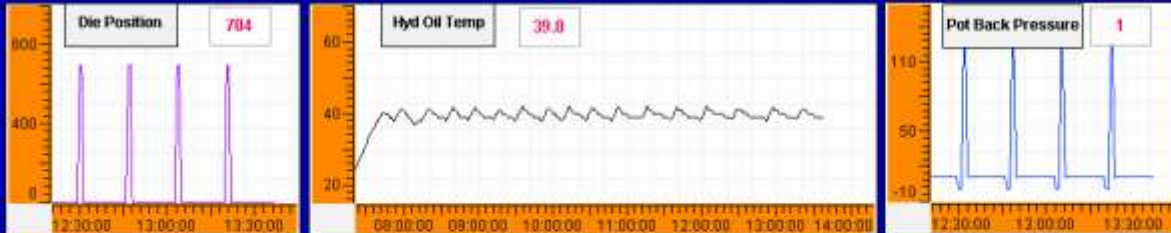


SO WHY BLEND THE PLASTICS ?

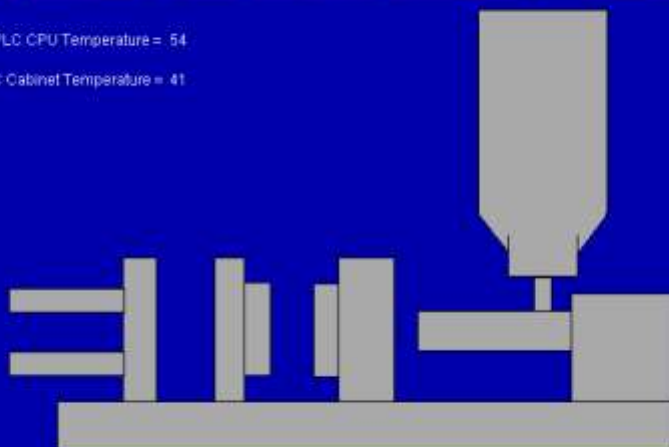


Different products require different properties





PLC CPU Temperature = 54
PLC Cabinet Temperature = 41



VO Status Pages



Main Heating Machine Settings Alarms Maintenance Recipes Manual



Phase 2	
Volts	0.0000
Current	0.0000
W	0.0000
VA	0.0000
var Phase	0.0000
Power Factor	0.0000
Phase Angle	0.0000

Phase 3	
Volts	0.0000
Current	0.0000
W	0.0000
VA	0.0000
var Phase	0.0000
Power Factor	0.0000
Phase Angle	0.0000

Volts Ave	0.0000
Current Ave	0.0000
Frequency	0.0000
Wb Import	0.0000
varb Import	0.0000
Average Phase Angle	0.0000
Power Factor Average	0.0000
Current Sum	0.0000
Watts Sum	0.0000
VA Sum	0.0000
var Sum	0.0000
System Voltage	0.0000
System Current	0.0000
System Power	0.0000

Data Trend Costing



MACHINE MONITOR HEATING MANUAL MACHINE TIMERS + COUNTERS INPUTS OUTPUTS RECIPE ENERGY SAVING ALARMS MACHINE SETUP

REMOTE WARNING ON

How about some Stats to digest?



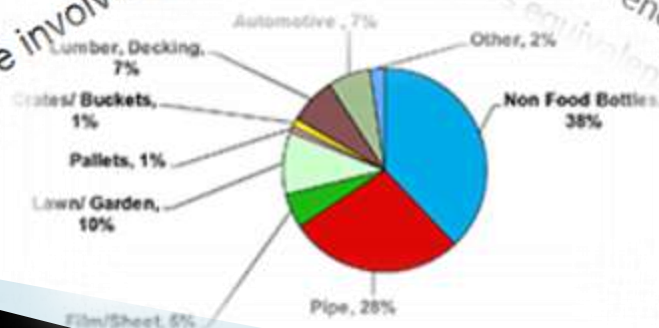
Here is why: About 300 million tons of plastic is produced globally each year. About 10 percent of that is recycled. Of the plastic that is simply trashed, an estimated seven million tons ends up in the sea each year. There, it breaks down into smaller and smaller fragments over the years.

According to the [Ellen MacArthur Foundation](#), there will be more plastic in the ocean than fish by 2050, while researchers believe the amount of plastic in the ocean will grow 10 times by 2050.

Region	Recycling Rate (%)
Europe	76.1%
Asia	72.2%
North America	38%
South America	34.1%



According to the Ellen MacArthur Foundation, there will be more plastic in the ocean than fish by 2050, while researchers believe the amount of ocean plastic will be 10 times greater by 2020.



How about some recycling
terms ?



135 R's....and counting



Nothing like a bit of Greenwash.

How about we just do something!



































REPLAS

RECYCLED PLASTIC PRODUCTS

www.replas.com.au

Take home points:

- ▶ Reverse logistics work.
- ▶ Rubbish in = Rubbish out
- ▶ Failed products damage the whole industry
- ▶ Sustainability at all levels of your business
- ▶ Keep the circles in the circular economy small
- ▶ Engineer scrap plastics into new markets
- ▶ Who are the recyclers?

