



PET Handleware

Bekum's got a handle on it!



Glass-like PET Handleware
Integrating a True Flow-
through Handle made of
recyclable PET (Code 1)

Extrusion System Optimized
for PET Processing including
Regrind

More than
40 Machines Running

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Over the past several years, Bekum has optimized its PET processing technology, through extensive extrusion system developments, machine optimizations and overall advances in PET process know-how.

Extrusion System for PET

Extensive extruder and feedscrew development has been performed by Bekum to address the primary challenges of extruding high viscosity PET. The shear sensitivity of PET at higher throughput rates can drastically increase stock temperature and reduce parison hang strength. Also regrind presents a problem due to the differences

in melting characteristics and bulk density of bottle/flash flake. Bekum's Extrusion System development results in consistent PET material throughput at acceptable stock temperatures when running up to 50 % process regrind.

Extrusion Head for PET

Bekum's parison over parison BKZ range of extrusion heads have proven to be an excellent solution for PET processing. Knit lines are hidden on the parting line and are less apparent thus leaving panels looking gorgeous.

Not all tonnage is created equal:

Clamps with high tonnage but poor force distribution do not work well for the tough trimming requirements of PET handleware applications. Bekum's patented C-Frame clamping units have demonstrated excellent PET handleware trimming performance.

Bekum's advantages in PET processing:

- PET bottles integrating a true flow-through handle
- Extrusion blow moulding of recyclable PET (Code 1)
- Up to 25% rPET (Post Consumer Recycled Content)
- Extrusion system – extruder and feeding screw – optimized for PET processing
- Patented C-Frame clamping unit demonstrates excellent force distribution and PET handleware trimming performance
- Calibrated neck finish

“Profit from our Experience in PET Handleware“



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