

BCP

BCP's Continuous Flexbelt System - New on the North American Market

BCP offers the versatile Flexbelt™ Blast System for superior parts finishing of a wide variety of components. The Flexbelt System is an inline, continuous, through feed shot blast machine designed for high production, high volume flow-through processing. BCP has established a strong presence for Flexbelt since its North American introduction, a little over one year ago. The company has already sold several complete systems to date. The Flexbelt System is perfect for applications in a variety of industries such as the automotive industry, as well as diecasting, forging and the foundry industry.

The standard Flexbelt System features two 12-bladed TargetLok™ blast wheels and three chambers – entrance chamber, blast chamber and exit chamber. Other standard Flexbelt variations feature a combination of two to four blast wheels and two or three chambers. The Flexbelt System is a combination of the latest technology and creative thinking. Variable speed frequency drives allow complete control over abrasive velocity, and an innovative design continuously rotates the parts in front of the blast stream, reducing the number of wheels needed for effective blast cleaning. A variety of drum diameters are also available, from 12 to 28 inches, to custom fit any product mix.

The BCP® Flexbelt™ System also features:

- Heavy-duty, high capacity elevator
- Cast steel, direct drive motors on blast wheel and gear reducers
- One-piece, cast manganese, blast wheel housing
- PLC controlled operation for multi-level automation
- Variable frequency drives on blast wheels and polyflight mill assembly
- USFilter cartridge style dust collector

At the heart of the Flexbelt System is the “works in a drawer” polyflight mill assembly. A unique design provides gentle workflow while reducing part-on-part damage, making the polyflight mill virtually jam free. The innovative “works in a drawer” assembly allows for ease of maintenance. The polyflight mill is actually housed in a drawer, which pulls out for maintenance. The mill flights are easily removed and replaced, and other mill components are simple to access for adjustment or replacement. BCP products have an established reputation as some of the best blast cleaning, deburring, descaling and shot peening solutions in the surface preparation industry. An industry leader with strong after-sales support, BCP products serve many applications including steel fabrication, die-casting, forging, pipe and tube coating and agricultural equipment manufacturing. BCP is a division of the USF Surface Preparation Group.

USF Surface Preparation Group, a division of USFilter, is the global leader in providing surface preparation equipment, supplies and services. Strategically located manufacturing and distribution facilities allow USF Surface Preparation Group to provide unparalleled customer service and support worldwide. For more information on USF Surface Preparation Group and BCP, visit the expanded web site at www.surfacepreparation.com or send an e-mail to info@usfspg.com.