Machining, Extrusion, Fabrication

Industry Overview

Machining, extrusion, and fabrication focus on transforming raw materials into usable products. Machining equipment like cutters, drills, and lathes, often operate at high speeds or with high-torque rotary motion, while extrusion and fabrication rely on conveyors and linear drives to power positioners, extruders, and transport systems. Materials commonly used in these industries include metals, plastics, rubbers, and composites.

Scan here for more info

BRECO*flex* Benefits

Durable polyurethane: High-quality PU belts with optimized designs and strong tension members maintain load under stress and resist abrasion and several lubricants and chemicals

Quiet, smooth performance: Reduced vibration and elongation allow for greater precision, critical for material finishing, handling, positioning and indexing

Free design engineering support: Meet exact application and design needs from the outset with free personalized support from our application engineering team and online design tools

Product Highlights

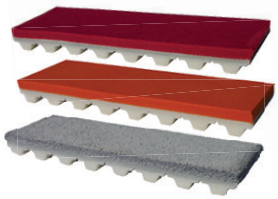
move-series®

75% higher stiffness

30% higher tooth shear strength

Engineered for high loads, reduced backlash, and superior wear resistance against abrasive materials

Backings & Profiles



50+ backings for transporting various raw and finished materials

Chromeleder: High-temperature backing, great wear, abrasion and chemical resistance

Sylomer: Soft PU foam backing for transporting delicate materials (glass, clay)

Common Industry Applications and Potential Solutions

Applications	Priorities	Belt Options	Backing Options	Modifications & Accessories
Raw material and finished goods transport & handling	• Wear resistance • Load capacity • Accuracy over distance	• ***move***-series® • Standard timing belts • Custom timing belts	• Linatex® • Chromeleder • PU	• Kevlar® and stainless steel tension members • Standard and custom pulleys
CNC Machining	• Speed and torque capacity • Fluid resistance • Longevity	• ***move***-series® • SFX/GEN III belts	• PAZ/PAR	• Standard and custom pulleys • Truly endless belt construction
Extrusion line handling	• Heat/wear resistance • Strength under continuous	• Custom timing belts • Covered timing belts	• Linatrile • Viton • Chromeleder	• TPU-WB polyurethane • Welded profiles • ATN® Connecting Kit

Exact solutions vary by application. Contact BRECOflex Engineering Support for more information +1 (732)460-9500

BRECO*flex* CO., L.L.C.
High Precision Drive Components