OVERVIEW
Edge-Sweets Company has patented mixing technology which is a unique improvement in the production of filled systems. The dry filler is accurately metered by a hopper feeder directly into the mix head, at which point the liquid streams are added.

ESCO offers patented solutions for dynamically metering and mixing dry fillers into PU systems. From syntactic elastomeric coatings for deep sea oil pipe to green automotive PU systems that utilize recycled ground tire ESCO has 30+ years of advanced filler processing technology.

COMMON APPLICATIONS
Any application where incorporating a wide range of solid fillers directly into multi-component liquid systems is required.

COMMONLY PROCESSED MATERIALS
Polyurethanes, Epoxies, Polyesters
**STANDARD FEATURES**
- Capable of handling multi-component liquid + filled streams
- Volumetric filler feeder system [loss in weight optional]
- Capable of processing polyurethanes, epoxies + polyesters
- Can be used as pre-blender or final mixer

**TECHNICAL SPECIFICATIONS**
- 10, 20 and 60 gallon tanks available
- ESCO Series 500, 700, 1000 or 1200 depending on output
- Tank agitation and automatic refill
- Automatic solvent flush system
- Operator touch screen LCD interface

**COMMONLY PROCESSED DRY FILLERS**
- Reground scrap rubber
- Expandable graphite
- Silica sand
- Glass micro balloons
- Fly ash
- Abrasive particles
- Microspheres
- Calcium carbonate
- Melamine [ground + unground]
- Barium sulphate
- Metallic particles

**TECHNICAL SPECIFICATION CUSTOMIZATION**
- Please contact a sales engineer to review your process parameters and requirements

**POWER REQUIREMENT SPECIFICATIONS**
- Power supply: 480VAC, 3-phase, 60Hz
- Air supply: 80-100 PSI
- Nitrogen supply: 15 PSI [minimum]