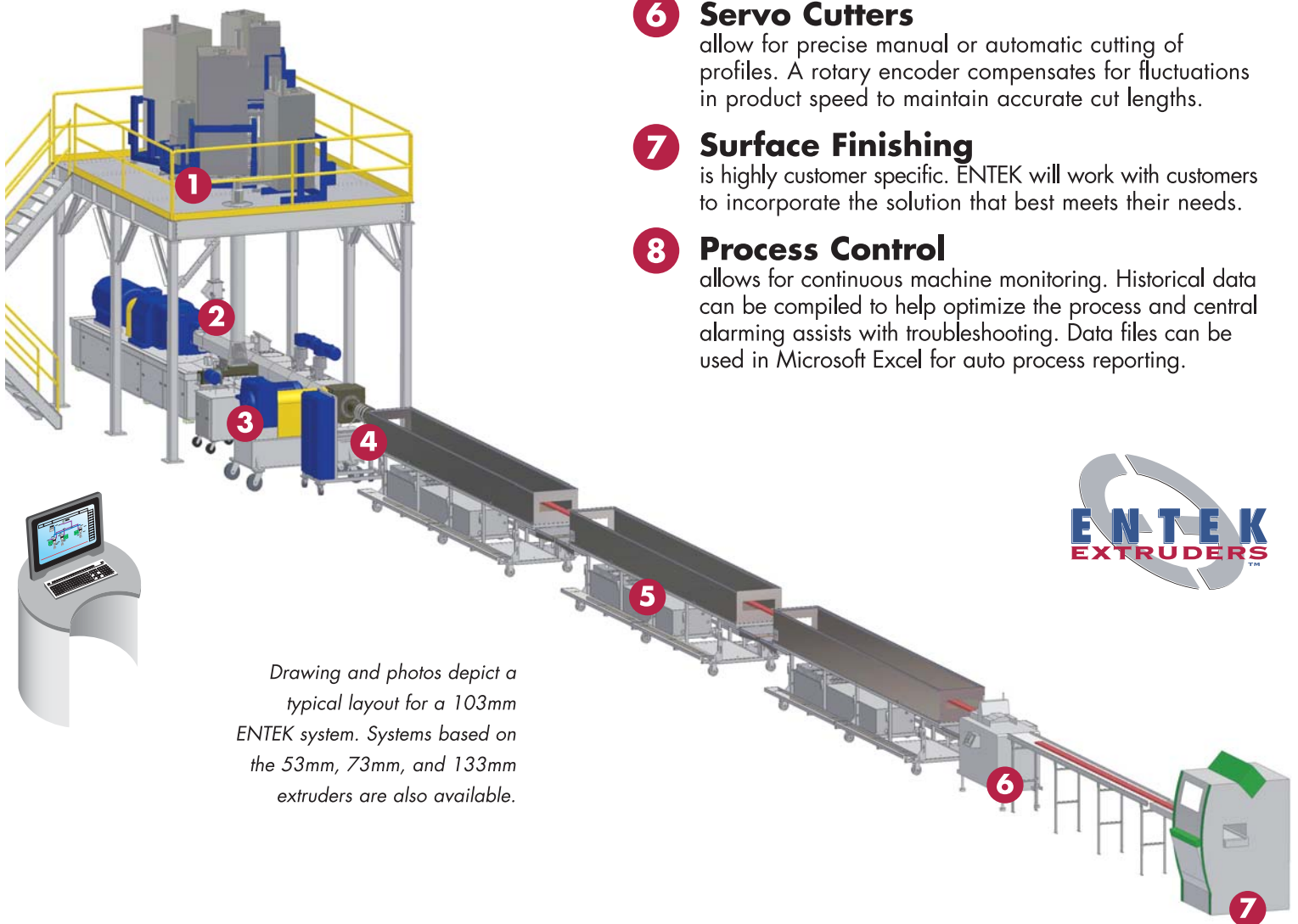


Complete Extrusion Systems for Wood- Plastic Composites



Drawing and photos depict a typical layout for a 103mm ENTEK system. Systems based on the 53mm, 73mm, and 133mm extruders are also available.

- 1 Loss in Weight Feeders**
for accurate formulation and steady state operations. Feeder controls are fully integrated into the extruder controls.
- 2 E-MAX™ Twin-Screw Extruders**
feature segmented barrels and screws for optimization of any formulation. The co-rotating design yields excellent dispersive and distributive mixing for high throughput and consistent finished product.
- 3 Melt Pump**
for pressure generation and control. Allows for combined compounding and direct profile extrusion.
- 4 Dies**
can be ENTEK or customer supplied. ENTEK will supply all adapters to connect downstream equipment to the outlet of the extruder.
- 5 Cooling Tanks**
use water drench cooling for maximum heat transfer. The cooling tank is closed loop with pump, filters and heat exchanger. Rollers are powered by a belt drive, helping to move the profile along and reducing stress on the profile for better dimension control.
- 6 Servo Cutters**
allow for precise manual or automatic cutting of profiles. A rotary encoder compensates for fluctuations in product speed to maintain accurate cut lengths.
- 7 Surface Finishing**
is highly customer specific. ENTEK will work with customers to incorporate the solution that best meets their needs.
- 8 Process Control**
allows for continuous machine monitoring. Historical data can be compiled to help optimize the process and central alarming assists with troubleshooting. Data files can be used in Microsoft Excel for auto process reporting.

ENTEK
EXTRUDERS™