



User Frustrations	Tool Control Solutions
	Profile - Custom Cut Control
<p><i>Starting cuts</i> – The blade has a tendency to bounce on material which makes beginning a cut in metal difficult.</p>	<ul style="list-style-type: none"> • Soft Start – Allow the user to program a lower starting speed for a specified time duration <ul style="list-style-type: none"> ○ Benefit for cutting dense & hard metals • Trigger Ramp Up – Allows user to program a consistent ramp from 0 SPM to selected Max SPM <ul style="list-style-type: none"> ○ Benefit for softer materials [PVC & Plastics]
<p><i>Accidental cuts</i> - cutting materials not meant to be cut</p>	<ul style="list-style-type: none"> • Cut Brake – Automatic Brake allows user to set the saw to automatically stop the blade after it breaks through a material helping prevent accidental cuts in adjacent materials
	Profile – Plunge Cut
<p><i>Plunge cuts</i> – If the blade does not bite during the initiation of a cut, it will cause the saw to jerk and make it difficult to break through when making cuts mid-material in wood.</p>	<ul style="list-style-type: none"> • Plunge Cut allows the blade to penetrate the material at a slower speed and then automatically ramp to full speed. Once the blade is through the material, the saw senses an increase in force and speeds up to meet desired speed.
	Profile – Cut Optimization
<p><i>Accessory cost & consumption</i></p>	<ul style="list-style-type: none"> • Providing optimized and recommended cutting speed and blade style for each material extends blade life by up to 3X • Longer blade life results in fewer blade changes for the user
<p><i>Damaging materials with aggressive cutting</i></p>	<ul style="list-style-type: none"> • Selecting Material and Blade type provides best cutting speed for each material – resulting in best in class cutting experience