Questions To Consider When Ordering a TigerStop

1. Why are you considering a TigerStop as a solution? What's your payback formula?
   Setup time? Accuracy? Rework? Productivity? Material waste?
2. What product are you manufacturing?
3. What is the finished tolerance required for part length or hole location?
4. What machine will TigerStop be used with?

chop saw	cold saw	drill press	mortising equipment	laser positioning
upcut saw	horizontal band saw	bender	shear	boring equipment
radial arm saw	punching equipment	ironworker	press brake	

5. What is the specific application? Metal? Wood? Plastic? Fenestration?
6. What is the working height of the machine (pass line height)?
   Standard TigerStop table height range 34.375~43"
7. Will it be used as a stop, pusher, pattern, or pull feed?
   Stop - TigerStop working length must be as long as the longest cut part
   Pusher - TigerStop working length must be as long as the longest raw material (stock)*
   Pattern & Pull Feed - TigerStop working length must be as long as the longest part drilled or punched
   * It is recommended that TigerStop working length be 2' longer than the longest stock or part, to account for load offset
8. What is the weight of the heaviest load to be processed?
   Weight of material to be processed (full stock weight) determines which model to order.

TigerStop:	90# (40kg) max on level no-roller table	Lengths available: Up to 30' (9.15m)
	120# (54kg) max on level roller-top table	Drive: Belt (32mm wide reinforced)
TigerRack:	300# (136kg) max on level no-roller table	Lengths available: Up to 108' (32.9m)
	720# (326kg) max on level roller-top table	Drive: Rack & pinion
TigerTurbo:	350# (158kg) max on level no-roller table	Lengths available: Up to 42' (12.8m)
	840# (381kg) max on level roller-top table	Drive: Belt (75mm wide reinforced)
HD2:	490# (222kg) max on level no-roller table	Lengths available: Up to 108' (32.9m)
	2100# (952kg) max on level roller-top table	Drive: Rack & pinion

9. What is the full stock length of the material to be processed?
10. What is the required output in linear feet per hour or per shift? If shift, how long is the shift?
    Or, what is the required number of parts to be processed per hour or shift?
11. What type of interconnect will be needed? SIK or AIK.
    SIK Standard: (1) 2 switches (toggle and air solenoid) and semi-automatic operation.
    (2) operator cycles the machine, TigerStop moves to next position automatically.
    AIK Standard: (1) requires installation by electronics technician.
    (2) full-auto operation, operator loads and unloads machine.
    (3) foot pedal initiates fully automatic cutting cycle.
12. What software do you need? Set, CLIP (PC control), Optimizer, TigerLink 6 (downloading)
13. Do you need part identification? 2" or 4" wide label printer (PR2, PR4)
14. What other options would be useful?
    PC-PKG (1 Ghz PC, 15" touch screen, stand), IOC (extra I/Os), BCS (bar code scan), TG (TigerGauge)
15. If you will be using a computer with your TigerStop, what kind of computer connection?
    ESC (ethernet/serial connector), SX (serial extender), USBA (USB adaptor)
16. What kind of accessories do you need?
    Feed table, with or without rollers, extra leg stand, extra-wide table
    Ledge stand, saw support (for compound miter saw), side table (for table saw)
    Back fence, back rule, 3x3 brackets, saw attachment plate, tilted base (for upcut saw)
    Stop/pusher attachments: GSX (gangstop), MG, MGX (miter gauge), PF, PFX (pusher foot) MSG (Mini Gangstop)
    Stop/pusher attachments: PM (pusher miter), SB (spring buffer), CP (center pusher), etc.
17. Will the TigerStop be used as Motor Zero (wood applications) or Motor Away (metal applications)?
18. Would a TigerSaw 1000 crayon defecting & optimizing system work best for your requirements?
19. Would a TigerSaw fully automated cross cutting system be more efficient for your application?
20. Are there any other operations in your facility that could use a TigerStop?

TigerStop products are accurate to their stated specifications both in repeatability and in absolute measurement. If your customer requires a certification of accuracy meeting NIST standards (National Institute of Standards & Technology), it can be provided.

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