TOOL PRESETTER CHECKLIST

Customer Information

Company: _____   Contact: _____

Address: _____   Phone: _____

_____   E-Mail: _____

Details of Tooling to be Measured

Spindle Tapers:_____ (Ex: CAT, BT, HSK, Capto, KM, VDI)

Maximum Tool Length: _____

Maximum Tool Diameter: _____

Maximum Tool Weight: _____

Tool Types (See below): _____

Examples of single length tools: drill, tap, single point boring bar, reamer

Examples of multi-insert tools: end mill, face mill, C' bore, multi-insert boring bar, special profile tools

Tool Presetter models based on above criteria: _____

Selecting the Correct Tool Presetter Model

Does the customer currently use Presetters? _____ If yes, what brand: _____

Purpose for purchasing a Tool Presetter: _____

(Ex.: Increase productivity, solve work piece accuracy problems, eliminate operator errors, etc)

How does the customer currently measure tool lengths? _____

How many CNC machines does the customer have and what type?

Verticals:_____ Horizontals:_____ Turning Centers:_____ Other:_____

How many CNC machines will the presetter service? _____

(Ex.: Tool Room unit for all their CNC machines or used in a machining cell on shop floor)

Does the customer need tool clamping in the spindle? _____

(Tool clamping simulates the drawbar force on a machining center and the Z Axis measurements will be more accurate)

(Models w/ Tool Clamping: Hathor, Khyan, Ankh or Amon Ra)

Any special requirements for the tool presetter: _____

(Example: Measure angle heads)

NOTE: The Khyan is available with dual cameras for cutter grinder inspection of tools

Tool Presetter models based on above criteria: _____

How will the Presetter be used (To Determine Presetter Software Requirements)?

Measure length & diameter and print label? (Capable on all models, optional printer required)

_____

Does the customer need Tool Inspection also? (Possible on all models except Larth)

_____

Generate and maintain tool lists by CNC machine and by work piece? (See Note Below)

_____

Generate CNC program to download the offset values to the CNC machine? (See Note Below)

_____

Does the customer need the ability to upload / download DXF files? (Possible w/ Khyan & Amon Ra)

_____

TOOL PRESETTER CHECKLIST (cont)

Does the customer measure multi insert cutters for length & diameter run-out?

Does the customer need to generate a report on the results of the tool measurement?

Does the customer use or interested in Balluff ID Chips? (Possible w/ Khyan & Amon Ra)

*NOTE: Larth - Optional DPP software and PC required
              Sethy, Hathor & Ankh - PC required for ToolingUp software provide w/ presetter
              Khyan & Amon Ra – Internal PC with Q software included (w/ Wi-Fi)

ELBO CONTROLLI TOOL PRESETTER MEASURING RANGE

PRESETTER MODEL	MAXIMUM TOOL WEIGHT	MEASURING RANGE X AXIS (RADIUS)	MEASURING RANGE X AXIS (DIAMETER)	MEASURING RANGE Z AXIS
LARTH	30Kg; 66lbs	130mm; 5.18"	260mm; 10.23"	360mm; 14.17"
SETHY	110Kg; 240lbs	200mm; 7.87"	400mm; 15.74"	500mm; 19.68"
HATHOR	135Kg; 297lbs			
KHYAN	145Kg; 319lbs			
ANKH	290Kg; 638lbs	300mm; 11.81"	600mm; 23.6"	600mm; 23.62" (std) 800mm; 31.49" (opt)
AMON RA	300Kg; 660lbs			