# COMPARISON CHART

| MACHINE FEATURES | ATM SERIES | BRAND "S" DPM SX3P | FACTORS |
|---|---|---|---|
| TRAVEL X/Y/Z | 28" X 20" X 21" | 31" X 17" X 23.5" | OFFERS EXTRA **Y** TRAVEL FOR LARGE PARTS AND EFFICIENT MACHINE SETUP |
| SPINDLE CENTER TO COLUMN FACE | 24" | 19" | PROVIDES SMALL FOOTPRINT WITH LARGE MACHINING CAPACITY |
| MAX. SPINDLE NOSE TO TABLE | 25.5" | 23.5" | EXTRA 2 INCH TRAVEL ON Z-AXIS MAKES MACHINING TALLER PARTS WITH EASE |
| MACHINE WEIGHT | 4,600 LBS | 4,100 LBS | CAN PROVIDE MUCH STABLE MACHINING WITH HEAVY CUTTING |
| RAPID TRAVERSE X/Y/Z | 200 IPM | 150 IPM | CUT DOWN MACHINING TIME, IMPROVE YOUR PROFIT |
| VECTOR DRIVE & INVERTER MOTOR | TOSHIBA S11 | N/A | BULLET PROOF **TOSHIBA** PERFORMANCE, CAN RUN WIDER RANGE: 185 ~ 250 VOLT (1-PHASE / 3-PHASE) |
| HIGH CAPACITY RESISTER | 1,350W | N/A | FOR TAPPING AND BORING APPLICATION IN LONG RUN |
| AUTO LUBE | STANDARD | OPTIONAL | ACER OFFERS MORE VALUE PACKAGE |
| SPINDLE TAPER | CAT40 STANDARD (NST OPTIONAL) | NST40 | EASIER TO FIND TOOL HOLDER IN OUR INDUSTRY |
| CONTROL | FAGOR 8055i CONVERSATIONAL & G, M CODE PROGRAM | CONVERSATIONAL | MORE VERSATILE BOTH FOR PROGRAMMING G, M CODE & CONVERSATIONAL |
| MACHINE PRICE | **$29,950** | $34,995 | **$5,000 SAVINGS** |

Option: upgrade to 10" x 54" Table with 32"(X) x 20" (Y) x 21"(Z) Travel, Net $400

Option: upgrade to 3-phase, 385V ~ 510V, Net $450

Manufacturer reserves the right to modify and upgrade design without notice.  Competitor may make recent changes unknown to us.

# Feature Comparison Summary Chart

## Fagor 8055 i-MC+ vs ProtoTRAK SMX



| Feature Description | Fagor 8055 iA-MC | ProtoTRAK SMX |
|---|---|---|
| 4 axes Standard CNC capability | Yes | N/A |
| Icon key Conversational system utilizing quick Hard **Icon keys** for extremely fast and simple conversational program creation from a "SINGLE" page including finishing cycle operation. | Yes | No, utilize cumbersome menu-driven softkey system |
| Jerk Control for finite machine servo performance in all High Speed Machining conditions | Yes | N/A |
| 3 axes Conversational Programming | Yes | Option |
| Intelligent Profile Editor (On-board Mini-cad/cam system) for easy blueprint programming<br><br>Extremely valuable for creating complex profiles quickly & easily without the need for Cartesian coordinate programming techniques | Yes | Option |
| Powerful Tool Inspection mode with auto return and instant tool offset wear compensation | Yes | N/A |
| Free Win DNC communication program allowing for program upload, download, drip feeding, remote monitoring, and program editing, plus more. (Free download from Fagor website) | Yes | Option |
| DXF File conversion via free DNC program | Yes | Option |
| Tele Diagnostics for Instant Service from any location utilizing Cyber | Yes | N/A |

| | | |
|---|---|---|
| space | | |
| Expandable I/O for complete ATC & Pallet control | Opt | N/A |
| High Level Language G-code Mnemonics Programming | Yes | N/A |
| On-board Speed & Feed calculator | Yes | N/A |
| On board ball bar test mode for quick and easy machine accuracy testing | Yes | N/A |
| OEM customization ability with On-board Graphic Editor for custom screen creation and custom canned cycles | Yes | N/A |
| Digitizing & Probing canned cycle capability – incuding Tool Calibration Probing | Yes | N/A |
| English, Spanish, German, Italian, French, Chinese, etc… (10 languages as standard can quickly be toggled from language to language in just a few seconds. | Yes | N/A |
| Tool life monitoring for automatic tool changes without the need for programming function | Yes | N/A |
| On-board Logic Analyzer for quick and easy external machine diagnostics | Yes | N/A |
| Programmable Auxiliary functions | Yes | Option |
| Engraving Cycle capability | Yes | Option |
| G-code Editor | Yes | Option |
| Global Data Change | Yes | Option |
| Program Scaling | Yes | Option |
| Multiple Fixture Offsets | Yes | Option |
| Event comments | Yes | Option |
| Tool Path Conversational programming | Yes | Option |
| Mirror Imaging of programmed events | Yes | Option |
| Auto Part Rotation | Yes | Option |
| Solid 3D Graphics with Zoom, part rotate and multiple sectional views | Yes | N/A |
| Full Alphanumeric keyboard for complete programming flexibility | Yes | N/A |

## And much, much more…..

*Disclaimer:  To the best of our knowledge, all information in this document is 100% accurate and is based upon readily provided information from both websites as per April , 2012*