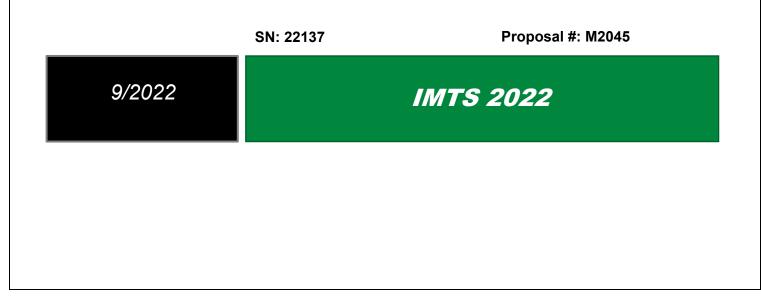
Matsuura PREMIUM MACHINE TOOL MANUFACTURER

MATSUURA MACHINERY USA, INC. MAM72-52V 5-AXIS VERTICAL MACHINING CENTER







- O FANUC G-TECH 31IB CONTROL WITH IHMI
- O SCALE FEEDBACK FOR B & C AXIS
- ATC AUTO DOOR
- O SYNCHRONIZED TAPPING FUNCTION
- O ADVANCED TAP (AD-TAP) FUNCTION
- INTELLIGENT PRECISION CONTROL (IPC) FUNCTION
- MATSUURA INTELLIGENT MEISTER SYSTEM (MIMS)
- SPINDLE OIL COOLER WITH OVERLOAD PROTECTION
- AUTO GREASE SUPPLY TO FEED AXIS
- 0 INTERNAL SPIRAL AUGER
- 0 MOSNIC LIFT-UP CHIP CONVEYOR WITH DRUM FILTER (REAR DISPOSAL)
- O CHIP FLUSH SYSTEM
- 0 WORK LIGHT
- 0 TOTAL SPLASH GUARD
- STANDARD MECHANICAL TOOLS & TOOLBOX
- LEVELLING PALLETS AND BOLTS (NOT UTILIZED FOR THE FOUNDATION)
- CD-ROM FOR MEMORY CARD OPERATION
- MATSUURA SAFETY SPECIFICATION
- CAMPLETE TRUEPATH SOFTWARE WITH INTELLIGENT PROTECTION SYSTEM (IPS) 1 YEAR OF SOFTWARE INCLUDED A SUITE OF POST PROCESSING, G-CODE EDITING, MACHINE SIMULATION, COLLISION DETECTION, AND ANALYSIS TOOL



MAM72-52V

 SN:
 22137

 PO No:
 M2045

 Location:
 IMTS 2022

SPINDLE

20,000 RPM HIGH-SPEED CAT #40 OIL-AIR LUBRICATED SPINDLE INCLUDES 2 YEAR WARRANTY ON ALL SPINDLE COMPONENTS

TOOLS

330 TOOL MATRIX

PALLET CHANGER

15 PALLET SYSTEM WITH METRIC PALLETS

GENERAL

SCALE FEEDBACK FOR (X,Y,Z) AXIS/ HEIDENHAIN SCALE Heidenhain Linear Glass Scale Feedback - B & C Axis are Standard with Rotary Scales

(8) EXTRA M-FUNCTIONS For 3rd Party Accessory Integration

3-COLOR PRODUCTION MONITORING LIGHT

Red/Green/Yellow

WEEKLY TIMER 7-DAY AUTOMATIC POWER-UP AND AUTOMATIC POWER-DOWN FUNCTION

AIR BLOW FOR CHIP SWARF REMOVAL

AIR DRIVEN ROTARY WIPER

MOVEABLE MANUAL PULSE GENERATOR

WORKPIECE CLEANING GUN ON MACHINE SIDE

COOLANT MATSUURA FP-70 1,000 PSI THROUGH SPINDLE COOLANT SYSTEM INCLUDES COOLANT PUMP, VACUUM, VACUUM SOLENOID, AND COOLANT CHILLER

COOLANT SHOWER SYSTEM FOR MACHINING AREA WASH-DOWN WHILE CUTTING

PROVISION FOR MIST SEPARATOR

PROBING

SPINDLE PROBE – RENISHAW OMP-400

LASER TOOL SETTER – RENISHAW NC4

SOFTWARE

SPINDLE LOAD MONITORING FUNCTION

ALLOWS AN OPERATOR TO TEACH REFERENCE TORQUE VALUES FOR THE FEED AND SPINDLE AXIS FOR A NEW TOOL. WHEN A TOOL REACHES A WARNING LEVEL THE OPERATOR IS NOTIFIED. IF THE TORQUE VALUES REACH ANOTHER LIMIT THE MACHINE IS HALTED.

TOOL PRE-CHECK OPTION

THE CONTROL DETERMINES A LIST OF REQUIRED TOOLS FOR THE NEXT PALLET PROGRAM AND ENSURES THAT THE CORRECT TOOLS ARE AVAILABLE BEFORE BEGINNING TO CUT.

EZ-5 W/ CALIBRATION BALL

3D MODEL OF WORK ENVELOPE IN STL OR IGES FORMAT

OPERATION STATUS MONITORING SOFTWARE (MATSUURA IOT)

SYNCHRO TIP + ORBITAL MACHINING FUNCTION

FANUC PACKAGES

MMU VALUE PACKAGE

- TOOL OFFSET PAIRS 999-PAIRS
- OPTIONAL BLOCK SKIP 9
- ADDITION OF WORKPIECE COORDINATE SYSTEM 300-PAIRS
- COORDINATE SYSTEM ROTATION
- QUICK PROGRAM RESTART
- PART PROGRAM STORAGE SIZE 8 MEGABYTE
- HIGH SPEED SKIP
- TOOL LIFE MANAGEMENT
- COMMON VARIABLE EXPANSION (#100-#199/ #500-#999)

HIGH SPEED/ HIGH PRECISION + 5-AXIS PACKAGE

- o IZ-2/150NF
- NANO SMOOTHING 1 & 2
- OPTIMUM TORQUE ACCELERATION & DECELERATION
- 0 DATA SERVER PACKAGE WITH ETHERNET CONNECTIVITY AND 1 GIGABYTE OF PROGRAM STORAGE
- TOOL CENTER POINT CONTROL
- TILTED WORKING PLANE COMMAND
- 3D CUTTER COMPENSATION
- Work Setting Error Compensation
- INVERSE TIME FEED (G93)
- Tool Posture Control