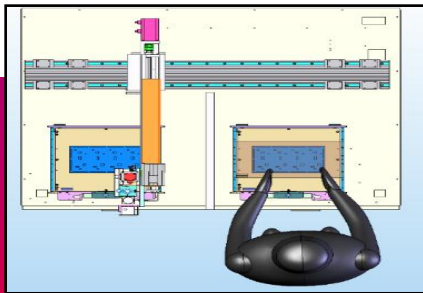


The Semi Automatic Router

ESR

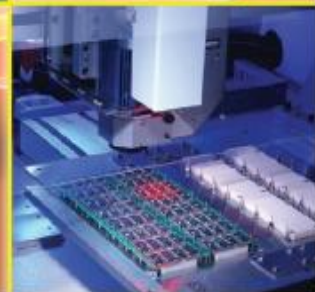
series

半自動PCBのルーター (基板分割機) 半自动PCB切割机 Manuelles Nutzentrennsystem 반 자동 PCB 분리기



Accurate
High Speed
User Friendly
Programmable

GETECH
"Performance, Value, Integrity"



Superior Routing Accuracy

Excellent Software Interface

High Throughput/ Yield

MECHANICAL SPECIFICATION

MANIPULATOR MOTOR	3 AXIS AC BRUSHLESS SERVO MOTOR
MANIPULATOR REPEATABILITY	+/-0.02mm
RESOLUTION	+/-0.01mm
CONFIGURATION	X, Y & Z
BOARD POSITIONING	2 (DOUBLE) TABLE , SIDE BY SIDE,SEPARATED BY WITH CENTRE SHUTTLE GATE
PANEL LOCATION	DEDICATED OR MODULAR FIXTURE, LOCATED BY TOOLING HOLES OR EDGE PINS
LOADING / UNLOADING	MANUAL LOADING/UNLOADING
PANEL SIZE	WIDTH 350mm X DEPTH 350mm
PANEL THICKNESS	0.4 – 2.0mm
POWER	0.15Kw
MAX. SPEED	60,000 RPM
COOLING	AMBIENT COOLED
ROUTER BIT	SHANK SIZE 3.175mm (1/8")
TOOL CHANGE	MANUAL
VACUUM LOCATION	TOP SUCTION ON SPINDLE
VACUUM SOURCE	EXTERNAL VACUUM SYSTEM
VACUUM POWER	415V, 3 PHASE, 2.2KW, 50/60HZ
FILTRATION	DISPOSABLE FILTER BAG, 3 LAYERS FILTER SYSTEM
POWER SUPPLY	MACHINE 380-415/ 50HZ/ 10A
AIR SUPPLY	6 BAR
EXTERNAL DIMENSION	1300mm(W) x 1150mm(D) x 1600mm(H)
OPERATING SYSTEM	
DOOR	ANTI-STATIC
ROUTING SPEED	100 mm/s MAX DEPENDING ON MATERIAL, CUTTING QUALITY & TOOL DIAMETER
REPEATABILITY	<+/-0.1 mm STRAIGHT LINES, CURVES & INTERPOLATED PROFILES
SPINDLE BEARING	CERAMIC HYBRID AND STEEL BEARING
ROUTER BIT	100 TO 300 m CUTTING DISTANCE BEFORE NEXT TOOL CHANGE, DEPENDING ON PCB AND FIXTURE.
FILTER BAG	1000m TO 1500m BEFORE NEXT FILTER BAG CHANGE
SAFETY FEATURES	E-STOP, SPINDLE STOP, SPINDLE MOTOR OVERHEAT & SERVO OVERLOAD DETECTION
NOISE LEVELS	< 76dBa
OPERATING SYSTEM	WINDOWS
CAMERA	CCD CAMERA WITH CROSS HAIR
ON-LINE	CAMERA ASSISTED TEACHING
EDITING FUNCTION	DRY RUN VISION ASSISTED / TEST RUN MODE
TOOL FUNCTION	TOOL BIT DIAMETER COMPENSATION
	PROGRAMMEABLE TO USE ENTIRE TOOL FLUTE
ROUTER BIT	TOOL LIFE TRACKING, BOARD COUNT, TOOL BROKEN SENSOR
VACUUM FILTER BAG	FILTER CHANGE ALARM - DISTANCE ROUTED
MACHINE	MACHINE ERROR LOG
OPTIONS	