

the Stuga CNC Router

FEATURES

THE STUGA COMPUTER CONTROLLED ROUTER REPRESENTS A TECHNICALLY ADVANCED SYSTEM OF ROUTER MACHINING FOR PREPARATION OF ALUMINIUM AND PVC-U EXTRUSIONS. THE CUTTING HEADS CAN BE PROGRAMMED TO MOVE THROUGHOUT THREE DIMENSIONS TO CUT OR DRILL ANY ARRANGEMENTS OF SLOTS OR HOLES.

FULLY AUTOMATIC MACHINING CYCLE

CAN BE USED BY UNSKILLED OPERATORS
HIGH VOLUME PRODUCTION WITH
CONSISTENT ACCURACY
INSTANT CHANGE-OVER OF ROUTING ROUTINES
USES STANDARD 8 MM CUTTERS



CARRIAGE & CUTTER HEAD

THE CARRIAGE UNIT FEATURES A MULTI-SPINDLE OVERARM HEADSTOCK OF THREE 90 DEGREE OPPOSED CUTTER SPINDLES. USING STANDARD 8 MM CUTTERS MACHINING CAN BE CARRIED OUT ON ANY OF THREE FACES ALONG THE ENTIRE LENGTH OF AN EXTRUDED SECTION.

GENERAL INFORMATION

PRECISION LINEAR BEARINGS ON ALL SLIDWAYS
PC COMPATIBLE COMPUTER CONTROL SYSTEM INCLUDING:
MEMORY STICK (FOR BACKUP)
HARD DISK DRIVE (INTERNAL PROGRAM STORAGE)
TOUCH SCREEN INTERFACE
PULL-OUT KEYBOARD

STANDARD EQUIPMENT

LEFT HAND MATERIAL STOP
FOUR OFF MATERIAL CLAMPS
HIGH / LOW PRESSURE 2 STAGE CLAMP SYSTEM
FULL ACOUSTIC HOOD GUARDING
INTERNAL FLUORESCENT STRIP LIGHT
TEAM VIEWER
INTERNET DIAGNOSTICS
RIGHT HAND STOP OR CENTER STOP FOR WORKING EACH HAND OF DOOR SECTION
ETHERNET CARD LINK TO OFFICE COMPUTER FOR CENTRALISED DATA STORAGE AND OFF-LINE PROGRAM EDITING

SERVO DRIVE ON
MAIN AXIS 20 M/MIN
TRAVERSE SPEED

OPTIONAL EXTRAS

BAR-CODE READER, SPRAY MIST COOLANT

CONTROL SYSTEM

USING THE LATEST PC COMPATIBLE COMPUTER SYSTEM, THE MACHINE RUNS A STORED PROGRAM OF MOVEMENT COMMANDS. THE PROGRAMS ARE SECURELY STORED ON A HARD DISK DRIVE INSIDE THE MACHINE. AN EDITOR FACILITY ALLOWS PROGRAMS TO BE CREATED, EDITED AND STORED.

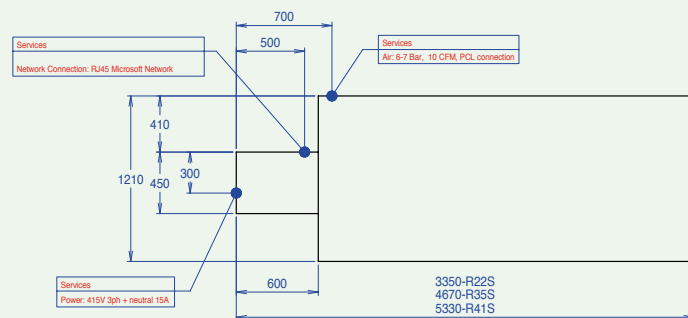
MATERIAL CLAMPING

SECURE CLAMPING IS PROVIDED BY A NUMBER OF CLAMP BLOCK ASSEMBLIES. THE UPWARD STROKE OF THE CLAMPS WILL ENSURE AN ACCURATE DATUM TO THE TOP PROFILE BLOCKS. THE CLAMPING ASSEMBLIES ARE PNEUMATIC POWERED AND ACTUATED BY A FOOT VALVE.

VARIANTS

THE STUGA ROUTER CAN BE SUPPLIED WITH THREE DIFFERENT LENGTH CAPACITIES AND TWO DIFFERENT HEIGHT CAPACITIES. (CAPACITIES SHOWN ARE MACHINING CAPACITIES).

MODEL	LENGTH CAPACITY	HEIGHT CAPACITY
STU-R22-S	2200 MM	80 MM
STU-R35-S	3500 MM	80 MM
STU-R41-S	4100 MM	80 MM
STU-R22-H	2200 MM	160 MM
STU-R35-H	3500 MM	160 MM
STU-R41-H	4100 MM	160 MM



NOW WITH WINDOWSTM FRONT END SOFTWARE

NOTE!
CURRENTLY ONLY AVAILABLE
AS A REBUILD/REFURB.