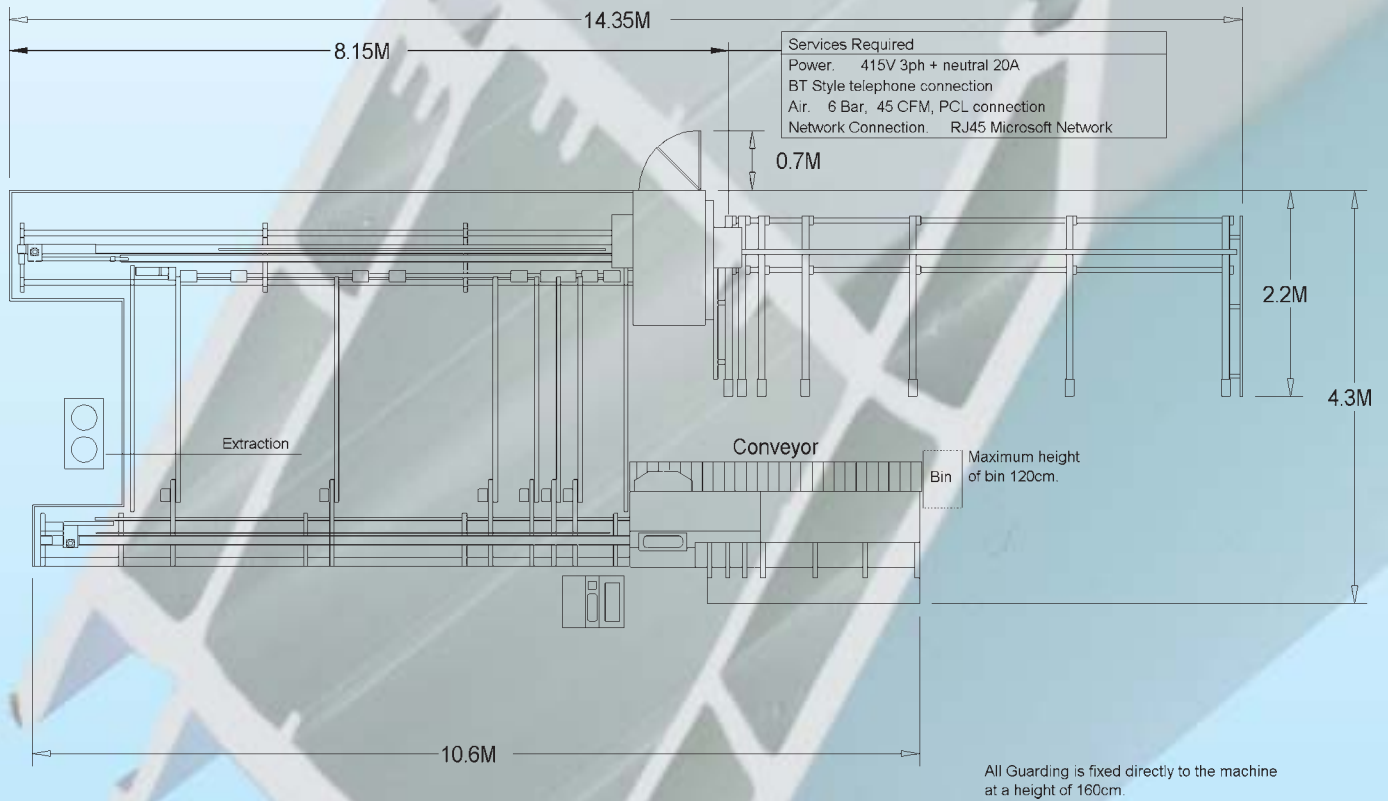


FLOWLINE FOOTPRINT



SPECIFICATIONS

THE FLOWLINE CUTTING AND MACHINING CENTRE IS AVAILABLE AS A WHOLE, OR IN SEPARATE SAWING AND MACHINING MODULES. THE SAW CAN BE UPGRADED TO A FLOWLINE LATER.

ELECTRONICS

PC PENTIUM PROCESSOR
 3.5IN FLOPPY DRIVE
 RJ45 ETHERNET LINK
 SVGA COLOUR MONITOR
 MODEM DIAGNOSTIC TELEPHONE LINK
 6 AXIS CLOSED LOOP BRUSHLESS SERVO SYSTEM
 PROFILE TRAVERSE SPEED - 3M/SEC
 TOOLING POSITIONING SPEED - 1M/SEC

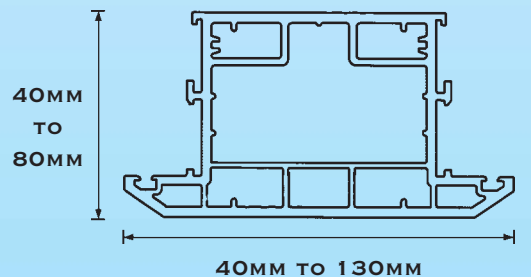
SPINDLES / SAW HEADS

SPINDLE MOTORS 4 OFF 3 PH 0.55kW / 0.75kW
 SPEED 3MM - 5MM CUTTER 2 OFF 11,000 RPM
 SPEED 5MM - 13MM CUTTER 2 OFF 11,000 RPM

V NOTCH SAW BLADES 1 OFF 45 DEGREE
 1 OFF - 45 DEGREE
 SPEED 3,000 RPM
 DIAMETER 150MM

MAIN SAW BLADE ROTATION 45 / 0 / 45 DEGREE
 SURFACE SPEED 72 M/S
 DIAMETER 400MM
 MOTOR POWER 1.5kW

CAPACITIES



LOAD BAR LENGTH 400MM - 6000MM
 (OPTION EXTENSION TO 6500MM)
 INFEEED MAGAZINE: 8 BAR
 TRANSFER TABLE: 8 BAR

STANDARD FEATURES

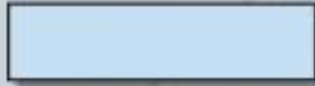
SWARF EXTRACTOR
 OFFCUT CONVEYOR
 BARCODE LABEL PRINTER
 CONVERSATIONAL STYLE PROGRAMMING
 DIAGNOSTIC TELEPHONE LINK
 LINKS TO MAJOR SOFTWARE SUPPLIERS
 GRIPPER SYSTEM TO MATCH MOST STANDARD WINDOW AND DOOR TYPES
 BAR OPTIMISING AND INTERNAL OFFCUT LENGTH STORAGE

SAWING MODULE CAPABILITY

(ANY COMBINATION)

LENGTH 285MM - 5990MM

SQUARE



MITRE



ARROWHEAD



SYSTEM REQUIREMENTS

POWER	415V 3PH + NEUTRAL 20A
AIR	6 BAR 45 CFM
DIAGNOSTIC LINK	BT TELEPHONE CONNECTION OR ANALOGUE EXTENSION
WEIGHT	2450KG

TIMINGS

TIMINGS ARE VERY DEPENDANT ON INDIVIDUAL WINDOW SPECIFICATIONS. AS A GUIDE TO PERFORMANCE THE FOLLOWING RESULTS HAVE BEEN MEASURED WITH A 'SIDE HUNG NEXT TO TOP HUNG OVER FIXED' WINDOW WITH DRAINAGE, ESPAGS, A 2000MM VENT AND V-NOTCHING.

AVERAGE OUTPUT IN 40-HOUR WEEK AT 100% EFFICIENCY:

GLAZING TYPE	OUTPUT QTY (WINDOWS/WEEK)
EXTERNAL	822
INTERNAL	677

MACHINING MODULE CAPABILITY

UNLIMITED NUMBER OF DIFFERENT PREPS CAN BE APPLIED FROM ANY SIDE AT ANY ANGLE 0-360 DEGREES.

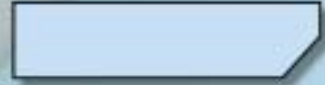
ALL DRAINAGE

CONCEALED / FACE
INTERNALLY OR EXTERNALLY
GLAZED
UPSTAND REMOVAL
PRESSURE EQUALISATION



ESPAG AND SHOOTBOLT LOCKS

TRICKLE VENTS:
FRAME OR SASH
THROUGH CHAMBER OR LEG



DOOR LOCKS IN ANY COMBINATION

SINGLE, 3 OR 4 POINT
STABLE DOORS
FRENCH / SLAVE DOORS



DOOR LOCK JAMB

LETTER PLATES
INCLUDING FIXING HOLES

SPOT PREPS FOR EASIER ASSEMBLY

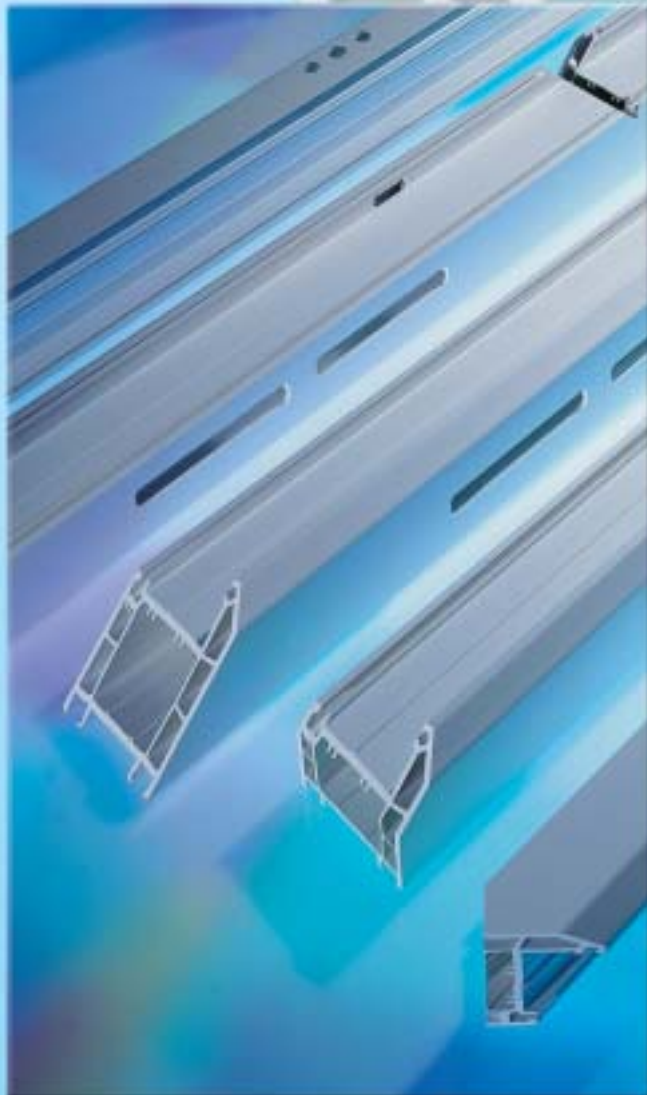
FRICTION STAY PILOT HOLES
DOOR HINGES
ANTI-BOW WEDGE
ANTI-JEMMY WEDGE
CASEMENT KEEPS

MECHANICAL TRANSOM

FRAME DRILLING
REINFORCING RELIEF PORT
BEAD CHANNEL FORMING

V NOTCHING FROM BOTH SIDES

Y NOTCHING (HALF V NOTCH BEFORE REVERSE-BUTT PREP)



Q-CUTS

TRIMMING HEAD OF UNEQUAL CASEMENT BEFORE WELDING.

