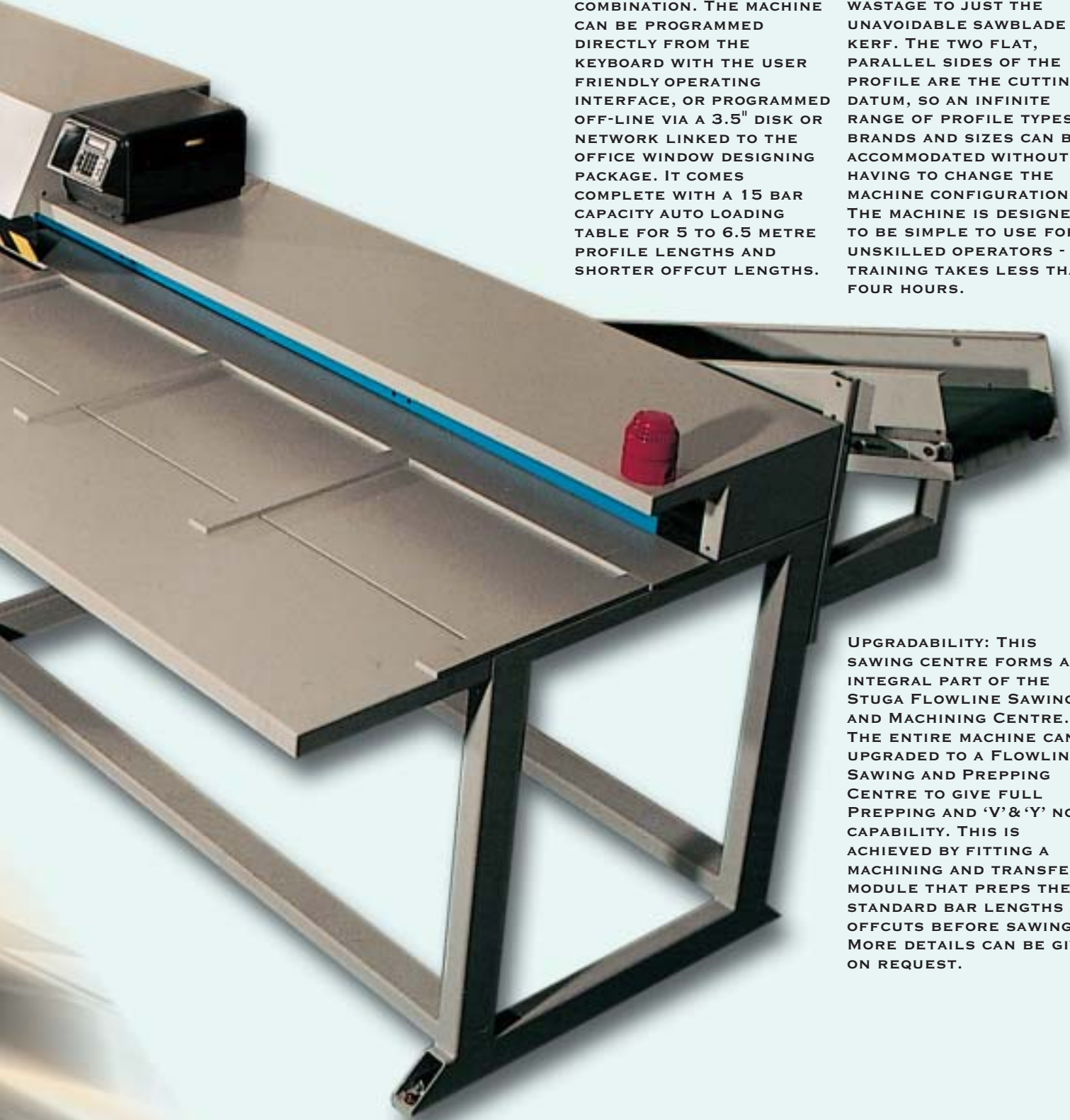


Stuga[®] Sawing Centre

THE FULLY AUTOMATIC STUGA SAWING CENTRE IS CAPABLE OF CUTTING MITRES, SQUARES AND ARROW HEADS ON ANY PVCU DOOR AND WINDOW PROFILE, IN ANY COMBINATION. THE MACHINE CAN BE PROGRAMMED DIRECTLY FROM THE KEYBOARD WITH THE USER FRIENDLY OPERATING INTERFACE, OR PROGRAMMED OFF-LINE VIA A 3.5" DISK OR NETWORK LINKED TO THE OFFICE WINDOW DESIGNING PACKAGE. IT COMES COMPLETE WITH A 15 BAR CAPACITY AUTO LOADING TABLE FOR 5 TO 6.5 METRE PROFILE LENGTHS AND SHORTER OFFCUT LENGTHS.

THE MATERIAL IS ADVANCED WITH A SIMPLE PUSHER ARM, COMMON FOR ALL PROFILES. THIS ALLOWS THE MACHINE TO CUT TO THE VERY ENDS OF THE BAR, MINIMISING WASTAGE TO JUST THE UNAVOIDABLE SAWBLADE KERF. THE TWO FLAT, PARALLEL SIDES OF THE PROFILE ARE THE CUTTING DATUM, SO AN INFINITE RANGE OF PROFILE TYPES, BRANDS AND SIZES CAN BE ACCOMMODATED WITHOUT HAVING TO CHANGE THE MACHINE CONFIGURATION. THE MACHINE IS DESIGNED TO BE SIMPLE TO USE FOR UNSKILLED OPERATORS - TRAINING TAKES LESS THAN FOUR HOURS.

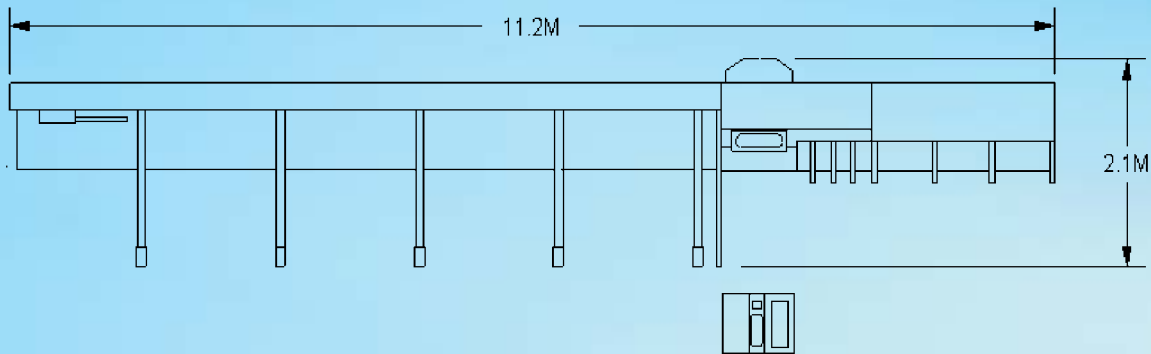


UPGRADABILITY: THIS SAWING CENTRE FORMS AN INTEGRAL PART OF THE STUGA FLOWLINE SAWING AND MACHINING CENTRE. THE ENTIRE MACHINE CAN BE UPGRADED TO A FLOWLINE SAWING AND PREPPING CENTRE TO GIVE FULL PREPPING AND 'V' & 'Y' NOTCH CAPABILITY. THIS IS ACHIEVED BY FITTING A MACHINING AND TRANSFER MODULE THAT PREPS THE STANDARD BAR LENGTHS AND OFFCUTS BEFORE SAWING. MORE DETAILS CAN BE GIVEN ON REQUEST.

Capacity



MINIMUM PROFILE HEIGHT: 58MM
MAXIMUM PROFILE HEIGHT: 140MM
MINIMUM PROFILE WIDTH: 45MM
MAXIMUM PROFILE WIDTH: 125MM
INFEED TABLE CAPACITY: 15 BARS AT 75MM WIDE
MINIMUM CUT LENGTH: 285MM
MAXIMUM CUT LENGTH: 2800 - 5980MM
(DEPENDENT ON MACHINE LOCATION)



optional extras

RJ45 NETWORK LINK INTERFACE TO STUGA ROUTER 7.5M INFEED TABLE
LABEL PRINTER WITH ON-BOARD BAR OPTIMIZATION AND OFFCUT MANAGEMENT
SPECIAL CLAMPING SYSTEM FOR PRE-GASKETTED PROFILES.

bar-code label printer



THE LABEL DISPLAYS A COMPLETE COPY OF THE CURRENT LABEL AS OUTPUT FROM THE OFFICE WINDOW DESIGNING PACKAGE. A LABEL IS PRINTED AS EACH CUT PIECE IS PRESENTED TO THE OPERATOR, PREVENTING LABEL SEQUENCE ERRORS. THE SLOT NUMBER IS CLEARLY DISPLAYED IN LARGE PRINT FOR EASE OF TROLLEY SORTING.

THE LABEL IS PRINTED COMPLETE WITH A UNIQUE BARCODE IDENTIFIER. (IF AVAILABLE FROM OFFICE SOFTWARE) ON COLOURED LABELS THERE IS A WINDOW WITH A WHITE BACKGROUND TO ALLOW CLEAR SCANNING OF THE BARCODE.

THE COMPLETE RANGE OF STUGA MACHINING CENTRES USE THIS BARCODE TO IDENTIFY EACH PIECE. THIS BARCODE CONTAINS A REFERENCE USED TO INSTRUCT THE STUGA MACHINING CENTRES ON THE POSITION AND TYPE OF OPERATIONS REQUIRED ON THE CUT PIECE.

THE SAME BARCODE IS ALSO USED WITH THE STUGA BARCODE TRACKING AND PRODUCTION MANAGEMENT SYSTEMS TO ENABLE PAPERLESS TRACKING OF WINDOW PRODUCTS ON THE SHOP FLOOR - FURTHER DETAILS ON REQUEST. THE LABELS ARE AVAILABLE IN A RANGE OF 12 COLOURS AND ALWAYS EX-STOCK FROM OUR FACTORY.

End Preparations

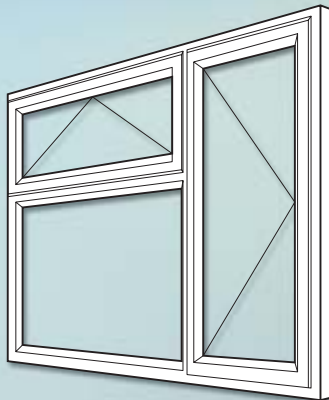


SUPPLY REQUIREMENTS

VOLTAGE	415V 3PHASE + NEUTRAL
LOAD	15A
AIR	6-8BAR 45 CFM

PERFORMANCE

FOR 70MM SYSTEM
AT 100%
EFFICIENCY,
AVERAGE
OUTPUT IS ONE
PIECE EVERY 12
SECONDS.



FOR THIS AVERAGE FRAME, THE OUTPUT WILL
BE 757 WINDOWS PER WEEK.

ELECTRICAL

COMPUTER SYSTEM:	PC COMPATIBLE 386 SYSTEM WITH 8MB FLASH RAM
PUSHER MOTOR:	CLOSED LOOP BRUSHLESS SERVO 2.3NM

MECHANICAL

BLADE DIAMETER	400MM
BLADE SPEED	72M/SEC
BLADE POWER	1.5KW

MACHINING/PREPPING

THE STUGA SAW CENTRE IS FULLY COMPATIBLE WITH
THE ENTIRE RANGE OF STUGA AUTOMATIC PREPPING
CENTRES INCLUDING THE MULTI-HEAD, HIGHFLOW
AND ECOLINE CENTRES FOR DRAINAGE, GEARBOX
PREPS, TRICKLE VENTS, DOOR PREPS, 'V' NOTCHES
AND MUCH MORE.

STUGA RESERVE THE RIGHT TO MAKE CHANGES TO
DESIGN, SPECIFICATION OR APPEARANCE AT ANY TIME.

