



Stuga®

Microline Sawing &
Machining Centre



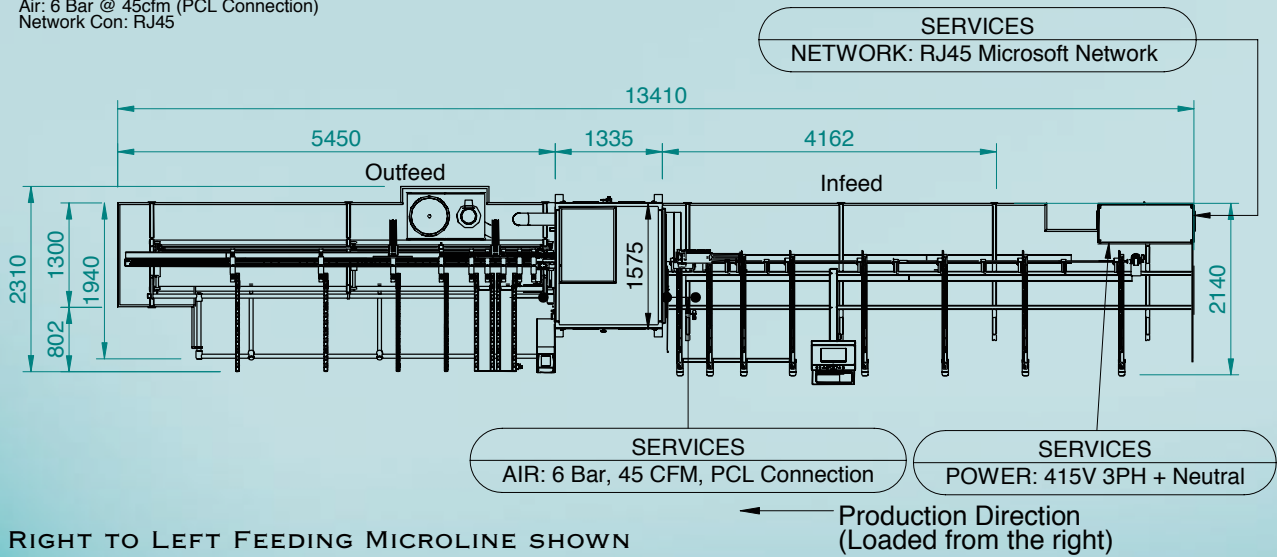
SAWING MODULE

Stuga Microline Cutting and Prepping

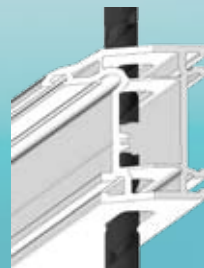


SERVICES

Power: 415v 3PH + Neutral 20Amp
 Air: 6 Bar @ 45cfm (PCL Connection)
 Network Con: RJ45



RIGHT TO LEFT FEEDING MICROLINE SHOWN



FOOTPRINT

13.5 METERS X 2.3 METERS

AVAILABLE AS
 RIGHT TO LEFT OR
 LEFT TO RIGHT
 FLOW DIRECTION

DOUBLE PLUNGE FACILITY PREPS BOTH SIDES
 OF TRICKLE VENT OR DOOR SIMULTANEOUSLY
 DRAMATICALLY INCREASING OUTPUT OF THESE
 PRODUCTS

Centre for Volume Production

SQUARE

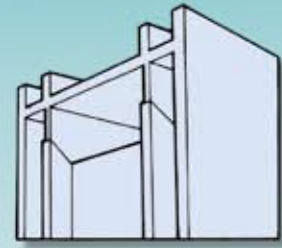
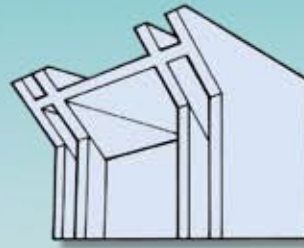
V - NOTCHES
BOTH SIDES

MITRE

Y - NOTCHES

ARROWHEAD

Y - NOTCHES



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

SPOT PREPS FOR EASIER ASSEMBLY
FRICTION STAY PILOT HOLES, DOOR HINGES, ANTI-
BOW WEDGE, ANTI-JEMMY WEDGE, CASEMENT
KEEPS, ALUMINIUM LOW THRESHOLD SPOT PREP

TRICKLE VENTS:
FRAME OR SASH, THROUGH CHAMBER OR LEG

DOOR LOCKS IN ANY COMBINATION (INCLUDING
DOUBLE PLUNGE)
SINGLE, 3 OR 4 POINT, STABLE DOORS, FRENCH /
SLAVE DOORS, PATIO DOOR LOCKS, HINGE DOOR
LOCKS

DOOR LOCK JAMB

LETTER PLATES
INCLUDING FIXING HOLES

ESPAG AND SHOOTBOLT LOCKS
TILT & TURN HINGES & LOCKS, FULLY
REVERSIBLE HINGES & LOCKS

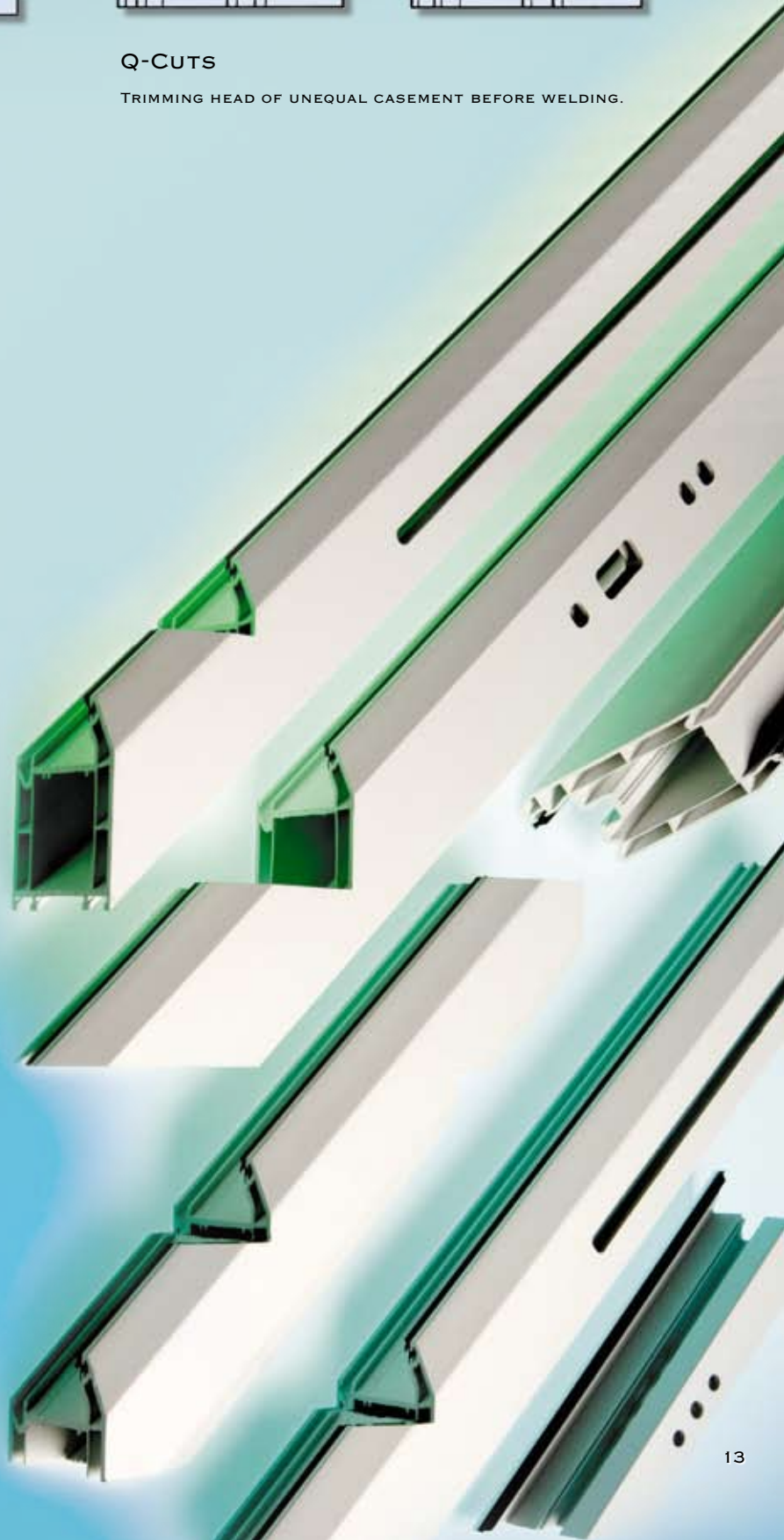
MECHANICAL TRANSOM
FRAME DRILLING, REINFORCING RELIEF PORT,
BEAD CHANNEL FORMING

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

NOTE! ALL BRITISH AND IRISH WINDOW
PROFILES CAN BE ACCOMMODATED AND NO
CONTOUR BLOCKS OR OTHER TOOLING IS
REQUIRED. THE MICROLINE CAN PROCESS MOST
KNOWN PROFILES.

Q-CUTS

TRIMMING HEAD OF UNEQUAL CASEMENT BEFORE WELDING.



Stuga Machinery Technical Specification

ALL MACHINES HAVE THE FOLLOWING FEATURES AS STANDARD

TEAMVIEWER INTERNET DIAGNOSTICS
 INDUSTRIAL GRADE PC
 MICROSOFT WINDOWS
 TOUCHSCREEN CONTROL
 ETHERNET NETWORK CONNECTION
 USB CONNECTION
 FULL OPERATOR AND MAINTENANCE TRAINING
 FULL PROJECT MANAGEMENT OF INSTALLATION PROCESS

TIMINGS (WINDOWS PER 40HR WEEK 100% EFFICIENCY)

TIMINGS INCLUDE THESE PREPS:- ALL DRAINAGE, V & Y NOTCHES, ESPAGS, 1 x 400MM TRICKLE VENT PER FRAME, DOOR LOCK, DOOR LOCK JAMB, LETTER PLATE, DOOR HINGES

	ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
TYPICAL MIX OUTPUT (WINDOWS ONLY)	N/A	997	450	423	774	997
TOP HUNG OVER FIXED	N/A	1450	550	440	1005	1450
SIDE HUNG / TOP OVER FIXED	N/A	900	400	325	650	900
STANDARD DOOR WITH MIDRAIL	400	650	250	380	510	600

CAPACITY		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
PROFILE WIDTH (MM)	MIN	10	45	45	45	45	45
	MAX	100	130	130	130	130	130
PROFILE HEIGHT (MM)	MIN	10	40	55	55	55	55
	MAX	150	140	80	85	85	85
LOADED PROFILE LENGTH (MM)	MIN	100	500	300	700	700	700
	MAX	UNLIMITED	6500	4000	6500	6500	6500
FINISHED CUT LENGTH (MM)	MIN	N/A	285	N/A	285	285	285
	MAX	N/A	6500	N/A	4100	6500	6500
INFED TABLE POSITIONS		N/A	8	6	8	8	8

SPINDLES FOR ROUTING		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
HEADS		3	N/A	2	5	5	8
POWER (KW)		0.1	N/A	0.75	0.75	0.75	0.75
TOOL SIZE (MM)		2.5MM - 10MM	N/A	5MM	2.5MM-16MM	2.5MM-16MM	2.5MM-16MM
SPEED (RPM)		11000	N/A	18000	18000	18000	18000
DOUBLE PLUNGE		No	N/A	No	Yes	Yes	Yes

NOTCHING HEADS		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
HEADS		N/A	N/A	2	2	2	4
POWER (KW)		N/A	N/A	0.75	0.75	0.75	0.75
SPEED (RPM)		N/A	N/A	3000	3000	3000	3000
BLADE DIAMETER		N/A	N/A	200	200	200	200

SAWING HEADS		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
POWER (KW)		N/A	1.5	N/A	1.5	1.5	1.5
SPEED (RPM)		N/A	3000	N/A	3000	3000	3000
BLADE DIAMETER		N/A	400	N/A	400	400	400
ROTATION (DEGREES)		N/A	-45 / 0 / +45	N/A	-45 / 0 / +45	-45 / 0 / +45	-45 / 0 / +45

POSITIONAL AXES		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
TRAVERSE SPEED (M/S)		1	6	1.5	2	2	2
NUMBER OF AXES		3	1	6	6	6	7

SERVICES		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
PHASE		3PH + NEUTRAL	3PH + NEUTRAL	3PH + NEUTRAL	3PH + NEUTRAL	3PH + NEUTRAL	3PH + NEUTRAL
CURRENT (A)		16	16	16	20	20	20
VOLTAGE (V)		415 +/-10%	415 +/-10%	415 +/-10%	415 +/-10%	415 +/-10%	415 +/-10%
FREQUENCY (HZ)		50	50	50	50	50	50
AIR PRESSURE (BAR)		6	6	6	6	6	6
MAX AIR CONSUMPTION (CFM)		5	35	30	45	45	45
NETWORK		CAT-5	CAT-5	CAT-5	CAT-5	CAT-5	CAT-5
DIAGNOSTIC CAMERAS		No	No	2	3	3	4

MACHINING CAPABILITY		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
ALL DRAINAGE		No	N/A	YES	YES	YES	YES
UPSTAND REMOVAL		No	N/A	YES	YES	YES	YES
ESPAG AND SHOOTBOLT LOCKS		YES	N/A	YES	YES	YES	YES
TRICKLE VENTS		YES	N/A	YES	YES	YES	YES
DOOR LOCKS		YES	N/A	YES	YES	YES	YES
DOOR LOCK JAMB		YES	N/A	YES	YES	YES	YES
LETTER PLATES		YES	N/A	YES	YES	YES	YES
SPOT PREPS		YES	N/A	NOT RECOMMENDED	YES	YES	YES
MECHANICAL TRANSOM		YES	N/A	YES	YES	YES	YES
V NOTCHING (BOTH SIDES)		No	N/A	YES	YES	YES	YES
Y NOTCHING (BOTH SIDES)		No	N/A	YES	YES	YES	YES
Q-CUTS		No	N/A	No	YES	YES	YES

SAWING CAPABILITY		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
SQUARE END		N/A	YES	N/A	YES	YES	YES
MITRED END		N/A	YES	N/A	YES	YES	YES
ARROW-HEAD END		N/A	YES	N/A	YES	YES	YES

STANDARD EQUIPMENT		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
FULL ACOUSTIC GUARDING							
BARCODE PRINTER			BARCODE PRINTER	SWARF BIN	BARCODE PRINTER	BARCODE PRINTER	BARCODE PRINTER
BAR OPTIMISING SOFTWARE			BAR OPTIMISING SOFTWARE	BARCODE READER	BAR OPTIMISING SOFTWARE	BAR OPTIMISING SOFTWARE	BAR OPTIMISING SOFTWARE
OFFCUT STORAGE			OFFCUT STORAGE		OFFCUT STORAGE	OFFCUT STORAGE	OFFCUT STORAGE
PROFILE WIDTH MEASURING			PROFILE WIDTH MEASURING		OFFCUT MEASURING	OFFCUT MEASURING	OFFCUT MEASURING
EXTRACTION			EXTRACTION		PROFILE WIDTH MEASURING	PROFILE WIDTH MEASURING	PROFILE WIDTH MEASURING
FULL SAFETY GUARDING			FULL SAFETY GUARDING		EXTRACTION	EXTRACTION	EXTRACTION
					FULL SAFETY GUARDING	FULL SAFETY GUARDING	FULL SAFETY GUARDING

OPTIONAL EQUIPMENT		ROUTER	SAW	ECOLINE	MICROLINE	ZX3	ZX4
BARCODE READER							
ANGLED DRAINAGE HEAD			MOD FOR LARGER WIDTH		MOD FOR LARGER HEIGHT FOR VS		OUTERFRAME

NOTE! ANY OUTPUT FIGURES QUOTED ARE BASED ON CERTAIN ASSUMPTIONS AND ARE NOT GUARANTEED. IF YOU WOULD LIKE EXACT OUTPUT FIGURES FOR ANY MACHINE PLEASE FORWARD DETAILED INFORMATION ON VOLUMES, STYLES, OPERATIONS, PROFILES AND SIZES AND WE WILL OFFER A DETAILED REPORT WHICH CAN BE GUARANTEED. IN THE INTEREST OF CONSTANT IMPROVEMENT STUGA RESERVE THE RIGHT TO MAKE CHANGES TO THE ABOVE AT ANY TIME WITHOUT NOTICE.

Stuga[®]

FOR FURTHER INFORMATION
ON ALL STUGA AND STÜRTZ
PRODUCTS AND SERVICES CALL
0845 652 8685

STUGA MACHINERY
BRINELL WAY, HARFREYS IND. EST.,
GREAT YARMOUTH, NORFOLK.
NR31 0LU.

0845 652 8685
www.stuga.co.uk

STUGA MACHINERY IS A MEMBER OF THE STUGA
MACHINERY GROUP OF COMPANIES



MACHINES MAY VARY IN LOOKS AND SPECIFICATION
AND ARE DEPICTED IN THIS PUBLICATION ONLY AS
AN ILLUSTRATION. STUGA RESERVES THE RIGHT
TO MAKE CHANGES TO DESIGN, SPECIFICATION OR
APPEARANCE AT ANY TIME