



Stuga[®]

Autocut

Sawing Centre

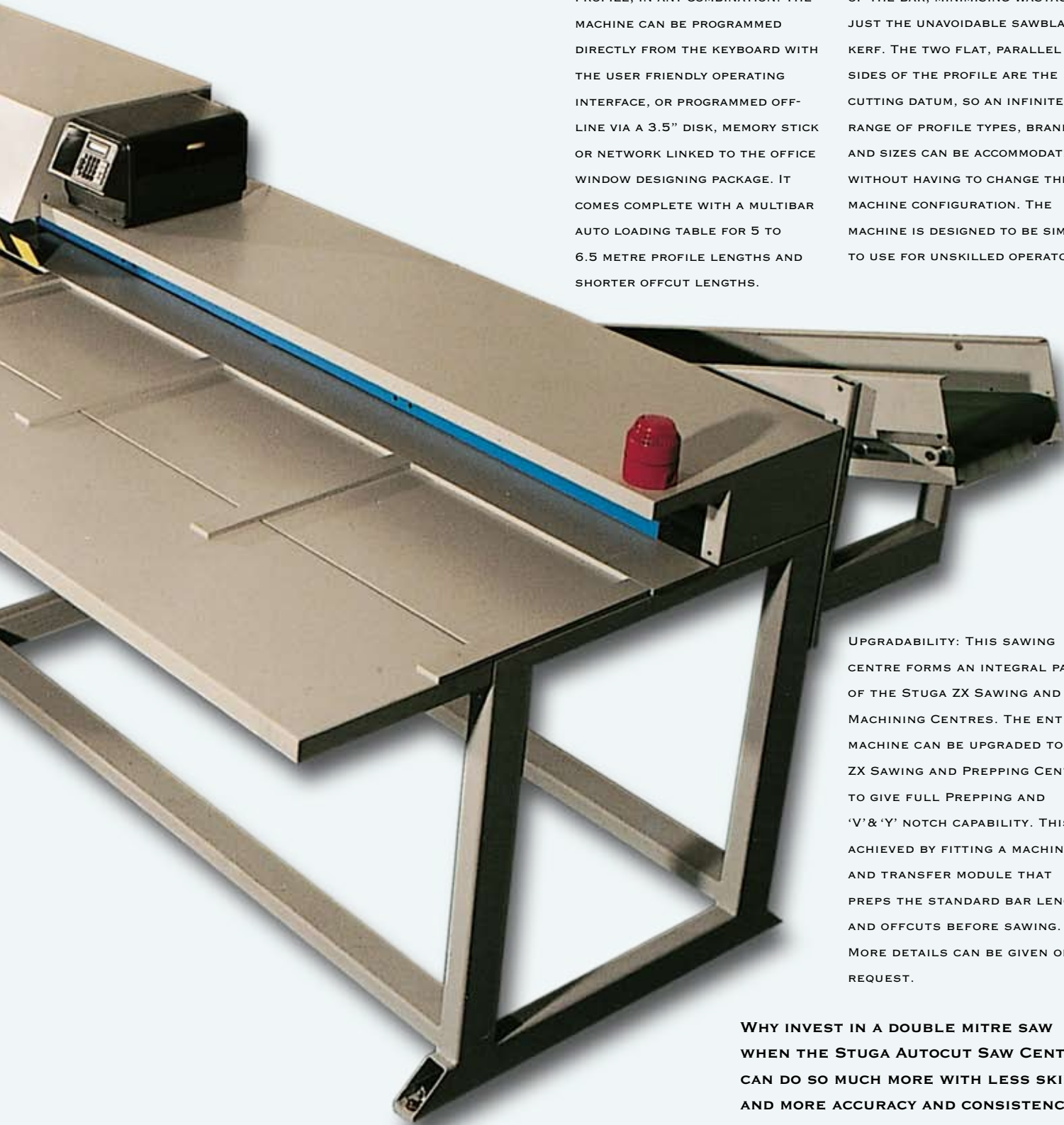


Stuga®

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, MEMORY STICK OR NETWORK LINKED TO THE OFFICE WINDOW DESIGNING PACKAGE. IT COMES COMPLETE WITH A MULTIBAR AUTO LOADING TABLE FOR 5 TO 6.5 METRE PROFILE LENGTHS AND SHORTER OFFCUT LENGTHS.

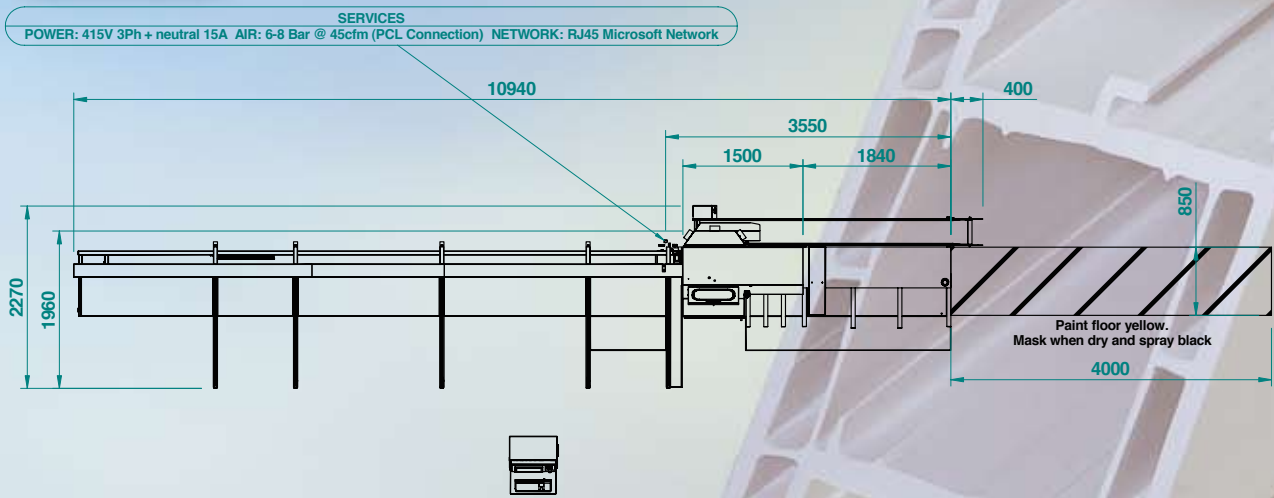
THE MATERIAL IS ADVANCED WITH A SIMPLE PUSHER ARM, COMMON FOR ALL PROFILES. THIS ALLOWS THE MACHINE TO CUT TO THE VERY ENDS OF THE BAR, MINIMISING WASTAGE TO JUST THE UNAVOIDABLE SAWBLADE KERF. THE TWO FLAT, PARALLEL SIDES OF THE PROFILE ARE THE CUTTING DATUM, SO AN INFINITE RANGE OF PROFILE TYPES, BRANDS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



UPGRADABILITY: THIS SAWING CENTRE FORMS AN INTEGRAL PART OF THE STUGA ZX SAWING AND MACHINING CENTRES. THE ENTIRE MACHINE CAN BE UPGRADED TO A ZX 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.

WHY INVEST IN A DOUBLE MITRE SAW WHEN THE STUGA AUTOCUT SAW CENTRE CAN DO SO MUCH MORE WITH LESS SKILL AND MORE ACCURACY AND CONSISTENCY? SUITABLE FOR ALL SIZES OF UPVC WINDOW AND DOOR FABRICATOR.

End Preparations



PRODUCTION DIRECTION
 (LOADED FROM THE LEFT) →

SERVICES
 Power: 415V 3Ph + Neutral 15A
 Air: 6-8Bar @ 45 cfm (PCL Connection)
 Network Con: RJ45

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.

ALSO AVAILABLE IN RIGHT TO LEFT VERSION

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
INFEEED 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®

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