



WILTAN
magnetic components

Power and Distribution Cores

WHATEVER YOUR MAGNETIC CORE REQUIREMENTS, WILTAN ARE ABLE TO HELP.

WE ARE THE UK'S LEADING SUPPLIER OF MAGNETIC CORES FOR THE TRANSFORMER AND RELATED INDUSTRIES AND THIS HAS BEEN ACHIEVED THROUGH A COMBINATION OF EXCELLENT SERVICE, QUALITY AND COMPETITIVE PRICE.

WE CAN MANUFACTURE STEP LAP, HALF MITRE AND BUTT-LAP CORES TO CUSTOMER SPECIFICATION USING OUR **GEORG** CORE CUTTING LINE. ALL CORES CAN BE SUPPLIED BUILT OR UN-BUILT IN VARIOUS ARRANGEMENTS TO SUIT YOUR NEEDS.

LAMINATIONS CAN BE MANUFACTURED AS FOLLOWS:

STRIP WIDTH	MIN	BUTT-LAP (90° CUT)	ALL OTHER TYPES
		MAX	10mm
CENTRE LINE LENGTH	MIN	430mm	430mm
	MAX	20mm	200mm
MATERIAL THICKNESS	MIN	2500mm	2500mm
	MAX	0.23mm	0.23mm
		0.5mm	0.35mm

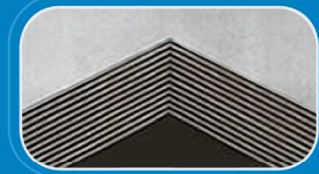
TYPICAL CORE SHAPES ARE 3 LIMB (3 PHASE) AND 2 LIMB (SINGLE PHASE); HOWEVER WE ARE HAPPY TO QUOTE FOR SPECIAL DESIGNS AS LONG AS THEY FALL WITHIN OUR CURRENT CAPABILITY.

WE HOLD A LARGE AMOUNT OF RAW MATERIAL STOCK (INCLUDING HiB AND DOMAIN REFINED), REDUCING LEAD TIME AND WE ARE ALSO ABLE TO SLIT TO WIDTH AS REQUIRED.

THE FOLLOWING GRADES ARE AVAILABLE:

MATERIAL GRADE	MATERIAL GRADE	MATERIAL THICKNESS	SPECIFIC TOTAL LOSS* (50HZ)	
			W/kg @ 1.5T	W/kg @ 1.7T
BS 601	EN 10107			
27M0H	M103-27P	0.27mm	-	1.03
30M0H	M105-30P	0.30mm	-	1.05
30M1H	M111-30P	0.30mm	-	1.11
30M2H	M117-30P	0.30mm	-	1.17
23M3	M080-23N	0.23mm	0.80	1.27
27M3	M130-27S	0.27mm	0.85	1.30
27M4	M089-27N	0.27mm	0.89	1.40
30M5	M097-30N	0.30mm	0.97	1.50
35M6	M111-35N	0.35mm	1.11	1.65
50M7	M175-50N	0.50mm	1.75	-

* SPECIFIC TOTAL LOSS FIGURES ARE FOR GUARANTEED VALUES. TYPICAL VALUES ARE ON AVERAGE 0.07W/Kg LOWER AT 1.5T AND 0.12 W/Kg LOWER AT 1.7T





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CORES CAN BE SUPPLIED AS FOLLOWS:

- ASSEMBLED LOGS
- FULLY ASSEMBLED CORE (SEPERATE TOP YOKE)
- FULLY ASSEMBLED CORE (INCLUDING TOP YOKE)
- LAMINATIONS SUPPLIED AS STACKS

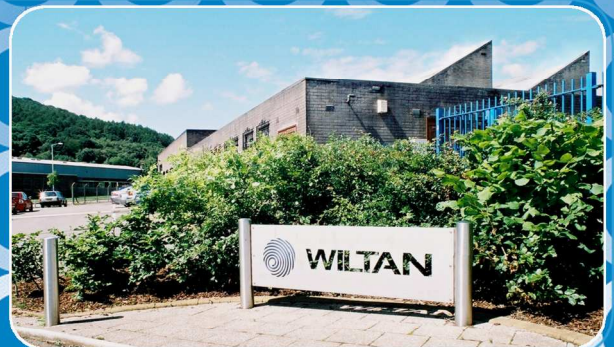
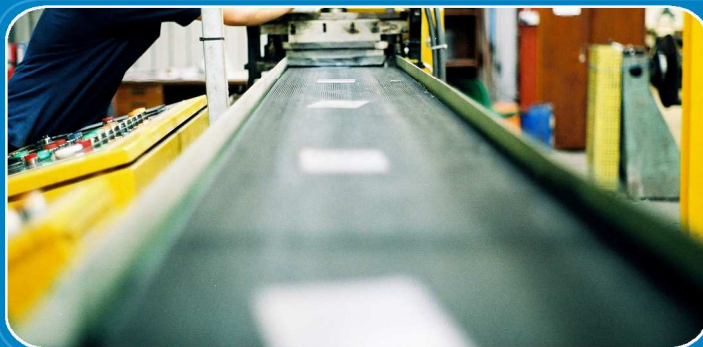
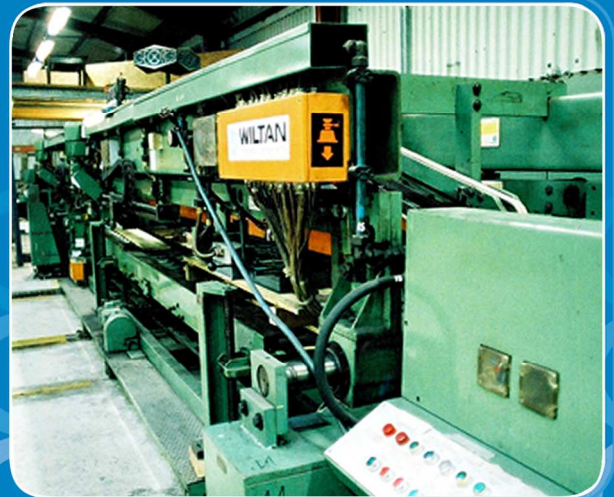
WE HAVE DEVELOPED AN EXTENSIVE SUPPLIER BASE AND AS A RESULT WE ARE ABLE TO SUPPLY ALL CLAMPS AND ACCESSORIES IF REQUIRED.

CONTACT US FOR MORE INFORMATION:

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