

"GARNETT" - in any language

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GARNETT - en todos los idiomas

GARNETT - dans toutes les langues



Manufacturers of Metallic Card Clothing

COMPANY PROFILE

Garnett Wire Ltd is based in England and provides a comprehensive range of products and services for carding, reclamation and fibre preparation.

Garnett metallic card clothing is used by many of the world's leading companies in the non-wovens industry, who count on our quality, service and support to maintain their maximum levels of production.

The Garnett name is well known as an innovator of the recycling process and metallic card clothing production, the company gave its name to both the type of machine and the process itself. We carry that expertise with us today - Garnett is recognised in any language.



TECHNICAL SUPPORT

Supplying a fine quality product is only the beginning of the Garnett Wire package.

- Knowledge of latest developments in machine, fibre, product and process technologies
- Support in specification of wire type and configuration
- International on site mounting
- Card conversions from flexible to metallic card clothing
- In house training for mounting and wire cleaning units

HOW TO ORDER

To provide a complete recommendation we require the following:

- Existing specification
- Machine configuration
- Fibre details
- End product requirement

MOUNTING EQUIPMENT

Garnett Wire have developed state of the art mounting machinery for those customers who prefer to provide an in-house service.

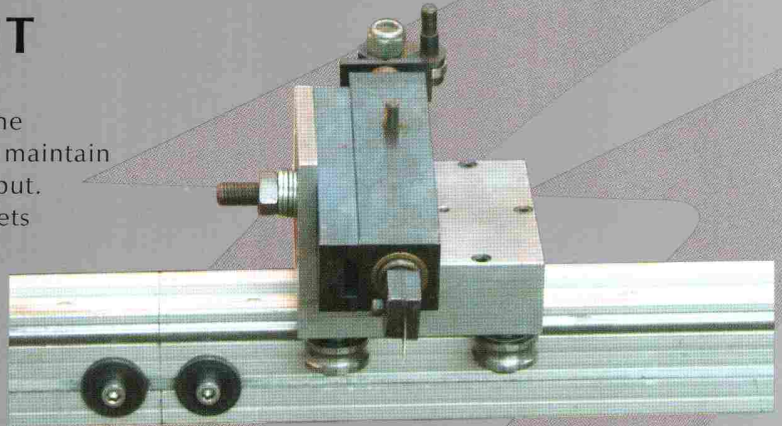
- Modular construction for fast set up
- Mounts interlocking and surface wires
- Interlocking from V4 - V28
- Card width up to 3500mm
- 1.5kw motor drive
- High speed, safe operation



TOOLING OUT UNIT

Scheduled tooling out not only extends the life of metallic card clothing but helps to maintain optimum web quality with maximum output. The unit is provided with universal brackets and extension modules.

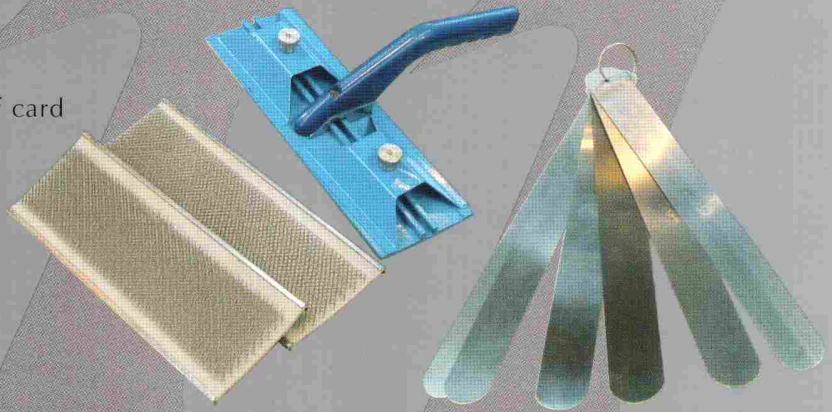
- Fast set up
- Safe and easy operation
- 1.5Kw motor drive
- Width to 3500mm
- Multi head options



ACCESSORIES

Garnett Wire provide a full range of card service accessories.

- Setting gauges
- Cleaning brushes
- Replacement cleaning pads
- Tampico brush



SERVICES

Garnett Wire and its international partners can offer card related services including:

- On site grinding
- Roller supply and repair
- Dynamic balancing
- Machine refurbishment
- Machine moving
- Fitting

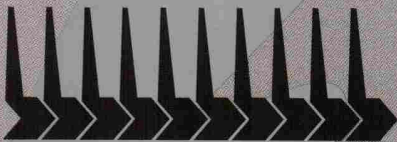
MANUFACTURING PARAMETERS

From its UK manufacturing facility Garnett Wire supplies a comprehensive range of metallic card clothing.

- High grade carbon steel
- Precision rolled section
- Hardened and tempered for secure mounting and durability
- Cut to point precision tooth
- Aluminium and plastic interlocking base wires
- Bespoke specifications
- Stainless steel, striated and variable pitch available

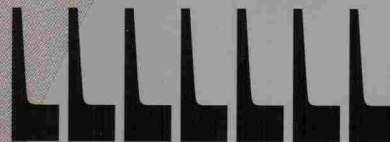
	Max Height (mm)	Max Tpi (mm)	Angle°
V6	10	24	30° - 90°
V8	8	48	30° - 90°
V10	8	120	30° - 90°
V12	8	144	30° - 90°
V16	8	224	30° - 90°
V20	6	280	30° - 90°
V24	6	384	30° - 90°
V28	5	420	30° - 90°

Interlocking Wire



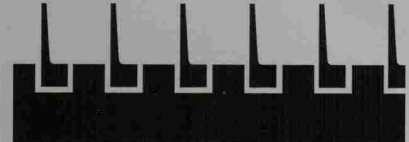
- Available from 4 to 28 rows per inch
- Interlocking features ensure wire remains on the roller even after breakage has occurred - prevents costly damage and loss of card clothing on adjacent rollers.

Surface Wound Wire



- From 8 to 42 rows per inch.
- Higher row specifications produce concentrated point densities - ideal where load on the wire does not require interlock system.
- Lightweight non-wovens, worsted cylinder and a full range of differ wires.

In-Groove Wire



- From 2 to 13 rows per inch.
- Precisely engineered to ensure tight friction fit withstand working pressures on tooth.
- Particularly used on feed rollers and multi-starts.

Morel



Non-woven Cylinder / Worker



High Production Doffer



Blow Room

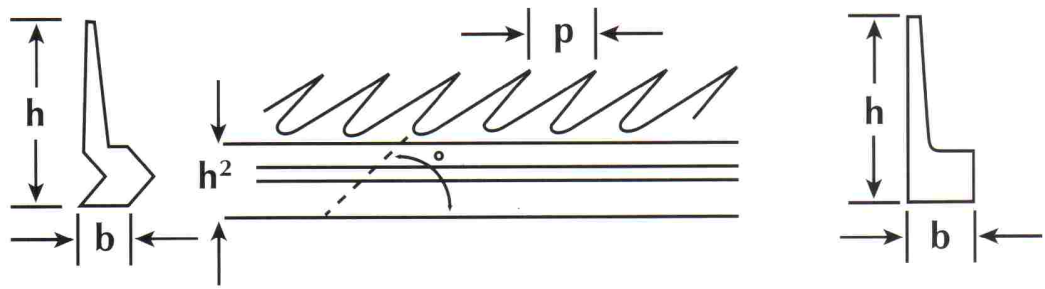


Woollen / Worsted



Random Pitch





Garnett Interlocking Wires $h^2 = 2.2\text{mm}$

Wire Ref	Base b(mm)	Height h(mm)	Pitch p(mm)	Front Angle°	PPSI	Feed / Lickerin	Transfer	Cylinder	Workers	Strippers	Doffer
V6/360	4.25	7.5	8.5	60°	18	•		•	•	•	•
V6/365	4.25	6.0	8.5	65°	18	•	•	•	•	•	
V8/3553	3.2	7.5	7.3	53°	28	•		•	•		•
V8/460	3.2	6.0	6.3	60°	32	•	•	•		•	
V8/4570	3.2	6.0	5.5	70°	36	•		•		•	
V10/3670	2.5	6.0	7.0	70°	36	•		•		•	
V10/553	2.5	5.25	5.0	53°	50		•	•	•	•	•
V10/560	2.5	5.5	5.0	60°	50	•	•	•		•	
V10/480	2.5	6.0	6.3	80°	40			•		•	
V12/565	2.1	5.0	5.0	65°	60	•	•	•		•	
V12/575	2.1	5.0	5.0	75°	60			•		•	
V14/670	1.8	5.0	4.2	70°	84			•		•	
V14/550H	1.8	6.5	5.0	50°	70				•		•
V16/553	1.6	5.0	5.0	53°	80			•	•	•	•
V16/5585	1.6	5.0	4.6	85°	88			•		•	
V18/6350H	1.4	6.0	4.0	50°	113				•		•
V20/560	1.3	5.0	5.0	60°	100		•	•		•	
V20/775	1.3	5.0	3.6	75°	140			•		•	

Interlocking Wires $h^2 = 1.5\text{mm}$

Wire Ref	Base b(mm)	Height h(mm)	Pitch p(mm)	Front Angle°	PPSI	Feed / Lickerin	Transfer	Cylinder	Workers	Strippers	Doffer
V8/365	3.2	5.0	8.5	65°	24	•	•	•	•	•	
V12/570	2.1	4.5	5.0	70°	60			•		•	
V16/675	1.6	4.5	4.2	75°	96			•		•	
V16/760	1.6	4.5	3.6	60°	112		•	•		•	
V20/6350H	1.3	5.5	4.0	50°	126				•		•
V20/8570	1.3	4.0	3.0	70°	170			•		•	
V24/665	1.1	4.5	4.2	65°	144		•	•		•	
V24/1070	1.1	4.0	2.5	70°	240		•	•		•	
V24/6350H	1.1	5.5	4.0	50°	151			•		•	
V28/880	0.9	3.5	3.2	80°	224			•			
V28/955	0.9	4.5	2.8	55°	252				•		•

Section Wires, Surface or Groove Mounted

Wire Ref	Base b(mm)	Height h(mm)	Pitch p(mm)	Front Angle°	PPSI	Feed / Lickerin	Transfer	Cylinder	Workers	Strippers	Doffer
G97/2560	2.46	9.0	10.0	60°		•					
G88/2265	2.2	9.0	11.5	65°							
G63/365	1.6	6.0	8.5	65°		•					
G525/553	1.3	4.3	5.0	53°				•	•	•	•
G36/870	0.9	3.2	3.2	70°	224			•		•	
G36/1050	0.9	3.2	2.5	50°	280				•		•
G36/1480	0.9	3.2	1.8	80°	392			•			

COMMITMENT TO QUALITY

Garnett Wire is fully accredited to stringent standards within the textile industry. Our card clothing is regularly 'test run' prior to despatch and quality recorded to ensure our customers are entirely satisfied with its quality and performance.

24 HOURS EMERGENCY SERVICE

(07831) 344443

CONTACT US TODAY FOR ALL YOUR SERVICE AND REPAIR REQUIREMENTS

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