

**Details of Crow Environmental Limited Stokkermill Cable Granulation system with the option of an integrated PCB line to be installed at Unit C, Maerdy Industrial Estate, Rhymney**

**CRS 1200/400 Pre-shredder with front conveyor**

- Installed power – 75kw
- Rotor size 1200mm x 400mm Diameter
- Include talcum powder doser

**Output conveyor to load feeder with cross belt overhead magnet**

- Installed power 4kw
- Cross belt with Rare earth magnets to separate steel from the cable
- Variable speed drive to synchronise production from the pre-shredder with the granulator

**Feeder FD 170**

- Installed power 4kw
- Communicates with the mill to match the feed rate with maximum capacity of mill / turbo

**Output Conveyor to load mill from feeder**

Installed power 1.1 kw

**M150 Cable Granulator mill**

- Capacity 800kg – 1000 kg /hr input dependent on type of wire
- Installed Power 55 kw
- Cable processing – 5 blade rotating mill
- Integral sound proofing

**Turbo refiner**

- 3 stage turbo, 90kw drive
- Integral sound proofing

**Dry separation table**

- Two dimensional dry separation table
- Installed power 25kw

**Output conveyor**

- Two output conveyors , one for non ferrous, the other for the plastic
- Installed power 1.1 kw

#### Output sieve for plastic and copper

- 3 level sieve fitted to both outputs
- Installed power 1.1 kw each

#### Dust Plant

- External dust tower fed from the cyclone and dust extraction points on the system.

#### Air transport system

- Pulls the chopped cable from the mill, through the zig zag, turbo to the table
- Complete with dust capture and easy clean filters

#### **Upgrade to allow processing of PCB's**

Requires the output from the feeder to be diverted to the impact mill instead of the M150 mill. The output from the impact mill will then be sucked through the turbo and table using a dedicated transport system

Additional Equipment therefore to include:

#### Output Conveyor to load volume splitter for Two impact mills

Installed power 1.1 kw

#### Volume splitter

Splits volume equally to feed two impact mills

#### 2 x Impact mill to break up PCB boards

Installed power 45kw each

Nominal capacity 500kg/hr