The PHOENIX is a professional turn-key mini-plant with the substantial capacity to process *1,200-2,500 input lb/per hour with mixed cable, depending on size and yield. Process approximately 120,000 lb/per month with a one-shift operation. This estimate includes maintenance downtime for blade changing and lubrication. The cable granulator is equipped with a 50 hp motor but can be upgraded to a 60 hp motor. The power requirement is 100 amps, three phase 480V circuit. The mini-plant is shipped in a 20 ft. container, with minimal on-site assembly required. Final installation assistance and training is provided by a Copper Recovery representative. Although compact in size, the granulator has an inner width of 20 inches, which facilitates easy conveyor feeding.

The cable should be pre-sorted for maximum output and in certain cases pre-cut, if not flexible by means of a hand cutter or alligator shears. Smaller plastic cable spools, coils, bundles, and rats nests can be fed directly onto the in-feed belt conveyor.
CM50 cutting mill is available without upper & lower hopper or with custom hoppers to suit you application.

CM50 cutting mill is available as “stand alone” units, which can increase throughput by approximately up to 25%*. 

Heavy duty construction, including special alloy rotor and alloy knives featuring removable wear parts, make the CM50 the ultimate mill for wire processing.

GS94 Gravity Separator offers significant throughput and flexibility with 4 output fractions. Process wire with copper & aluminum at the same time with one table! Available as a stand alone unit.

Strong magnetic separator conveyor included to ensure product quality & purity.

<table>
<thead>
<tr>
<th>Models</th>
<th>Throughput*</th>
<th>Free Space Requirements</th>
<th>Plant HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoenix</td>
<td>2000</td>
<td>20’ x 20’ or 400 sq ft</td>
<td>75</td>
</tr>
<tr>
<td>Phoenix +</td>
<td>2000</td>
<td>20’ x 30’ or 600 sq ft</td>
<td>125</td>
</tr>
<tr>
<td>Phoenix XD</td>
<td>4000</td>
<td>30’ x 40’ or 1200 sq ft</td>
<td>150</td>
</tr>
<tr>
<td>Phoenix XD+</td>
<td>4000</td>
<td>40’ x 40’ or 1600 sq ft</td>
<td>200</td>
</tr>
</tbody>
</table>

*Throughput depends on variable conditions, including material type & characteristics, screen size, etc. Figures provided are representative of real world achievable capacities.