



wagner
magnete

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Specification aid for electro-magnetic separators and non-ferrous separators

<p>Firma: _____</p>	<p>Project: _____</p>
<p>You are kindly requested to fill out the following questionnaire to aid us in specifying the optimum magnetic separator for your application:</p> <p>A Details of conveyed material</p> <p>1. Type of material _____ _____</p> <p>2. Material item size _____ mm</p> <p>3. Hourly throughput _____ m³</p> <p>4. Depth of material on belt _____ mm</p> <p>5. Temperature of material _____ °C</p> <p>6. Moisture content of material _____ %</p> <p>7. Dimensions and weights of smallest and largest ferrous items to be removed _____ _____</p> <p>8. Approximate proportion of ferrous items _____ %</p> <p>9. Approximate proportion of NON-ferrous material _____ %</p> <p>10. Temperature of ferrous items _____ °C</p> <p>11. Purpose of ferrous item separation: Recycling of iron Material purity Protection of mills or crushing plants</p> <p>Further remarks: _____ _____ _____ _____ _____</p>	<p>B Details of conveyor system</p> <p>1. Kind of conveyor system:</p> <p> Flat belt Troughed belt with steel-cord Channel Chute</p> <p>2. Width of conveyor _____ mm</p> <p>3. Conveyor speed _____ m/s</p> <p>4. Inclination of conveyor _____ degrees</p> <p>5. How must the separator be arranged? i.e. transverse or in direction of conveyor flow</p> <p>6. Air temp. in vicinity of magnetic separator _____ °C</p> <p>Further remarks: _____ _____ _____ _____</p> <p>C Power connection</p> <p>1. Existing mains voltage _____ Volt three phase current _____ Hz. _____ Volt AC _____ Hz. _____ Volt separate AC circuit for metal detector _____ Hz.</p> <p>2. Is a rectifier also required? _____</p> <p>Please include a rough drawing of the plant.</p>