

MAGNA CLEAN

SUBMICRON FILTRATION

KTEC MAGNACLEAN - Submicron magnetic filtration systems

Magnetic Filtration can be used to remove 100 % ferrous and Para-magnetic particles such as steel, cast, iron, carbide etc. down to sub-micron levels from all industrial fluids where contamination of a liquid is a major problem. The removal of these particles results in longer fluid life and improves the surface finish of your products, increases component accuracy and reduces wear on your machinery and tool.

Models Available

- Single candle
- Triple candle
- Offline Models

Unlike conventional filters, Magnaclean is not particle size sensitive, if the particle is ferrous, no matter how small Magnaclean will remove it! This process will not strip the oil of additives but will help to subdue bacterial growth.

Applications

- Grinding
- Honing
- Lapping and Milling operations
- Fine finishing operations
- Gun drilling
- Shaving operation
- Injection molding cooling and heating systems
- Industrial part washing
- Press break lubricants
- Post drill head operations
- Saw sharpening
- Pump protection pre-filtration
- Quenching operations.

Advantages

- No consumables used, Sub micron filtration
- Improved surface finish, Better product accuracy
- Longer lasting fluids, Minimal fluid loss
- No disposal cost, Minimum running cost
- Rapid return on investment, No back pressure



Offline Model



Single Candle



Triple Candle