Induction heating systems provided by Ajax TOCCO Magnethermic are ideal for heating heavy hex nuts commonly found in power generation, and petro chemical operations. Induction heating provides rapid, controlled, localized flameless heating to thermally expand heavy hex nuts that may be galled or corroded. Induction heating also quickly releases thread locking compounds. Although capable of temperatures exceeding 800°C, only 200°C or less is required for most heavy hex nut heating applications.

**Features & Benefits:**
- Provides rapid, controlled, localized flameless heating
- Quickly releases thread locking compounds
- Capable of exceeding temperatures of 800°C (only 200°C or less is required for most applications)
- Increases speed and reduces down time
- Can be hand carried to the job site
- Compact hand held transformers
- Application to confined areas
- 230 / 400 / 480 V 1- or 3-phase input

**Technical Specifications:**

- **5 kW – 50 kW**
- **Frequency Range:** 5 kHz – 50 kHz
- **Input Line Voltage:** 230 / 400 / 460 / 575 Vac, 50 / 60 Hz 3-phase inputs available
Ajax TOCCO Magnethermic has the latest air-cooled transistorized inverter technology and the most advanced inductor design and manufacturing capabilities available. Field proven induction bolt stretching success has pushed Ajax TOCCO to the lead as a supplier to industrial bolting, power generation and petro chemical maintenance providers.

Ajax TOCCO Magnethermic’s portable air-cooled induction heating systems are also ideal for boiler retubing applications in which the ID of boiler tubes are heated to 1000°C in order soften them for hydraulic extraction reducing boiler down time by days.

Ajax TOCCO Magnethermic employs an extensive staff of process engineers to engineer and develop custom solutions for many remote/service oriented thermal applications requiring fast localized safe induction heating technology.