**The Toshiba 802 Die Cast Machine** is a high-pressure die casting machine used for producing metal parts by forcing molten metal into a mold cavity under high pressure. This particular model is a cold chamber die casting machine, which is typically used for casting metals with high melting points, such as aluminum and magnesium.

Here are some key features and specifications of the Toshiba 802 Die Cast Machine2:

* **Rated Tonnage**: 800 metric tons
* **Platen Dimensions**: 55.12 x 55.12 inches (1400 x 1400 mm)
* **Space Between Tie Bars**: 36.6 x 36.6 inches (930 x 930 mm)
* **Tie Bar Diameter**: 7.09 inches (180 mm)
* **Die Stroke**: 29.9 inches (760 mm)
* **Die Thickness (min. - max.)**: 15.75 - 37.4 inches (400 - 950 mm)
* **Injection Force**: 67.24 - 26.46 tons (61 - 24 tons)
* **Motor Size**: 60.3 HP (45 kW)
* **Machine Weight**: 43 tons (39 tons)

The machine is equipped with various automated features, such as an automatic ladle, die sprayer, and parts extractor, making it suitable for high-volume production

**The 2017 KMA ULTRA VENT II 8000 Smoke Containment Hood** is an advanced exhaust air filtration system designed to capture and filter smoke, dust, and other airborne contaminants in industrial settings. This system is particularly effective in environments where metal processing, die casting, or other high-emission activities take place.

Key features of the KMA ULTRA VENT II 8000 include:

* **Electrostatic Filter Cells**: These cells provide high-grade separation of smoke, dust, fine mist, and sticky or greasy aerosols.
* **Automatic Filter Cleaning**: The system includes an automatic cleaning mechanism to maintain high separation performance and prevent filter clogging.
* **Energy Efficiency**: The electrostatic filter cells consume minimal energy while maintaining high separation efficiency.
* **Modular Design**: The system can be customized with various modules, such as demisters, bag filters, activated carbon elements, and UV light tubes, to suit specific emission types and applications.
* **Heat Recovery**: The system can be equipped with a heat exchanger and heat pump for energy-efficient heat recovery from exhaust air.

The KMA ULTRA VENT II 8000 is widely used in industries such as metal processing, food processing, and textile manufacturing to ensure clean air and energy savings

**The 2005 Schaefer Group HTM14-0365 800 Ton 2 VB DCM Furnace** is a high-capacity melting and holding furnace designed for industrial applications, particularly in the metal casting industry. This furnace is capable of handling large volumes of molten metal, making it suitable for high-production environments.

Key features of this furnace include:

* **High Capacity**: With an 800-ton capacity, it can handle significant amounts of molten metal.
* **Dual Vertical Burners (2 VB)**: These burners provide efficient and uniform heating, ensuring consistent melting and holding temperatures.
* **DCM (Die Casting Machine) Compatibility**: The furnace is designed to work seamlessly with die casting machines, making it ideal for die casting operations.
* **Energy Efficiency**: The furnace is engineered to be energy-efficient, reducing operational costs and environmental impact.
* **Advanced Control Systems**: Equipped with modern control systems for precise temperature regulation and monitoring.

This furnace is commonly used in industries such as automotive, aerospace, and heavy machinery manufacturing, where large-scale metal casting is required.

**The 2005 Toshiba DC800J-MS Trim Press** is a high-capacity, fully automated trim press used in die casting operations. This machine is designed to trim excess material from cast parts, ensuring they meet precise specifications and quality standards.

Key features of the Toshiba DC800J-MS Trim Press include:

* **Rated Tonnage**: 800 metric tons
* **Platen Dimensions**: 55.12 x 55.12 inches (1400 x 1400 mm)
* **Space Between Tie Bars**: 36.6 x 36.6 inches (930 x 930 mm)
* **Tie Bar Diameter**: 7.09 inches (180 mm)
* **Die Stroke**: 29.9 inches (760 mm)
* **Die Thickness (min. - max.)**: 15.75 - 37.4 inches (400 - 950 mm)
* **Injection Force**: 67.24 - 26.46 tons (61 - 24 tons)
* **Motor Size**: 60.3 HP (45 kW)
* **Machine Weight**: 43 tons (39 tons)

The machine is equipped with various automated features, such as an automatic ladle, die sprayer, and parts extractor, making it suitable for high-volume production.

**The NOTA Overflow Cutter by Shibaura Machine Company America** is a specialized tool used in die casting operations. This cutter is designed to remove excess material, known as overflow, from cast parts. The overflow occurs when molten metal flows beyond the intended mold cavity, creating unwanted material that needs to be trimmed off to ensure the final part meets precise specifications.

Key features of the NOTA Overflow Cutter include:

* **Precision Cutting**: Ensures clean and accurate removal of overflow material.
* **Durability**: Built to withstand the rigors of high-volume production environments.
* **Efficiency**: Designed to operate quickly and efficiently, reducing downtime and increasing productivity.

This tool is essential for maintaining the quality and consistency of die-cast parts, making it a valuable asset in industries such as automotive, aerospace, and consumer goods manufacturing.