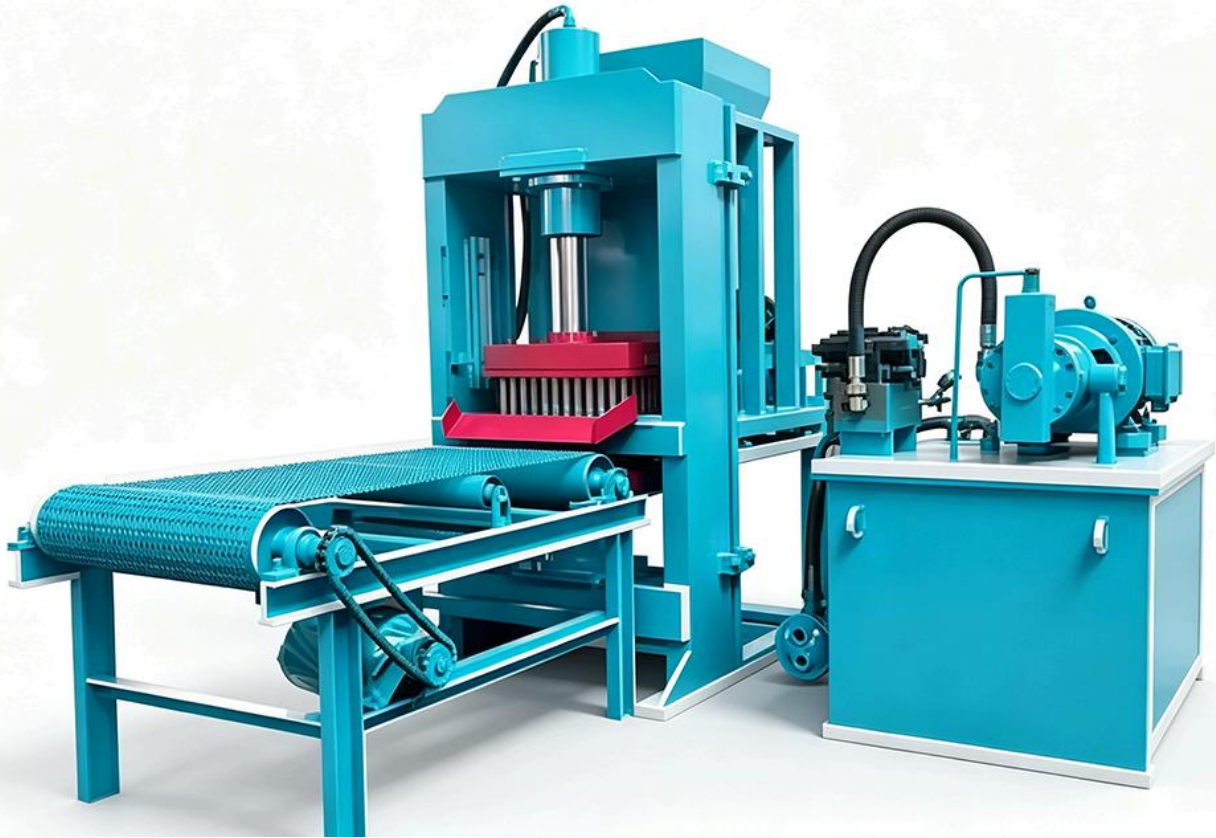


Hydraulic Forming Machine

High-performance hydraulic compression forming for charcoal, mineral & metal powders



🏭 100-1000 kg/h

💎 Ultra-high density

🌿 CE Certified



Precision hydraulic compression – smooth, high-density finished products

Hydraulic Forming Solution

Manto Machinery hydraulic forming machine series adopts precision hydraulic compression molding technology matched with quantitative feeding and high-pressure forming systems. Specially designed for pressing and forming charcoal powder, metal powder and mineral powder into finished solid products, this professional molding equipment delivers finished pieces with smooth surface and high density, serving as the ideal equipment for manufacturing high-grade charcoal sheets, perfectly catering to diversified application scenarios of barbecue, hookah charcoal, metallurgy and more.

Key advantages: Stable continuous hydraulic compression operation, ultra-high molding density and finished product yield, adjustable hydraulic pressure to produce premium smooth charcoal sheets, and heavy-duty robust mechanical structure that guarantees stable long-term operation. The standardized modular design enables seamless connection with drying and carbonization equipment to form a complete integrated charcoal production line.



High Capacity

100-1000 kg/h output



Heavy-Duty & Reliable

Low maintenance cost



Premium Quality

Ultra-high density & smooth surface



Easy Operation

Automated hydraulic control

Key Applications

BBQ Charcoal Sheets

Hookah Charcoal

Metallurgical Products

Industrial Solid Fuel

Mineral Compaction

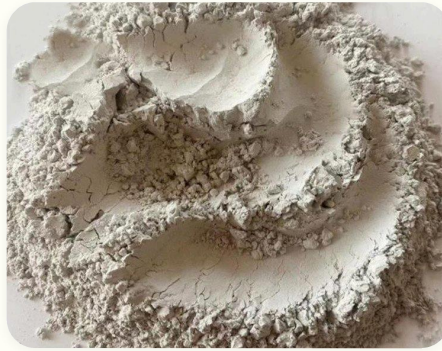
Global Export Business

Professional Custom

Full Plant Design

Reliable After-sales

🌲 Applicable Raw Materials



☒ Charcoal powder

⚠ Mineral powder

🔧 Metal powder

Feed size ≤ 3 mm

🔧 Finished Products & Applications



🔥 Premium BBQ Charcoal Sheets

👉 Hookah Charcoal Tablets

🏭 Metallurgical Briquettes

⚡ High-Density Solid Fuel

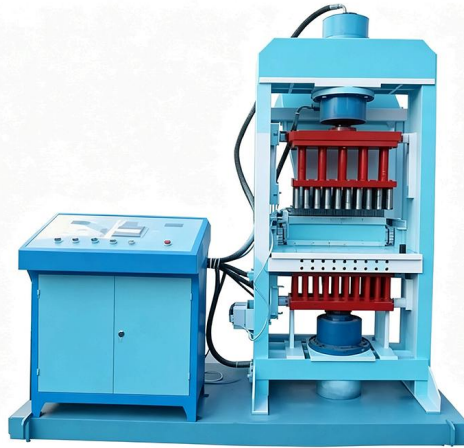
Ultra-high density · Smooth surface · Custom sizes for barbecue, hookah, metallurgy & industrial applications

📈 Typical Output Effect

Smooth, high-density finished products
Uniform thickness and surface finish
Custom dimensions and weight

🌿 Eco Benefits

1 ton finished product = 0.9 ton raw material utilized
Clean combustion, low ash content



🌱 Complete hydraulic forming line – efficient & stable

⚙️ Technical Specifications & Customization

📄 Standard Configuration Range

Capacity	100 – 1000 kg/h (depending on material & product size)
Hydraulic Pressure	Customizable based on product requirements
Molding Pressure	Up to 300 MPa
Product Shapes	Sheets, blocks, tablets (custom dies available)
Product Density	1.2 – 1.8 g/cm ³ (adjustable)
Power Supply	380V / 50Hz / 3-phase (customizable)
Control System	PLC with HMI touch screen (optional)

🔍 **Custom-Engineered Solution:** The hydraulic forming machine is a fully customizable system. Each unit is designed and manufactured according to the specific material characteristics, target output, and product specifications of each customer. Please contact our engineering team for a tailored solution.

⚙️ **Optional Upgrades:** Automatic feeding system · Discharge conveyor · Custom mold designs (sheets, blocks, tablets) · Advanced PLC control · Hydraulic pressure adjustment module.

Hydraulic Forming Highlights

🌱 Ultra-high pressure forming

⚙️ Continuous hydraulic operation

🌱 Custom product shapes

✔️ Smooth surface & high density

🌐 CE Certification

🚚 48h After-sales Response

👤 Free Line Design

📞 7×24h Tech Support

33mmA



33mmS



35mm



33mm



GOLDEN 33MM



38mm



35mmSTAR



38MM HOLE



40MM RING



35MM HOLE



25*25*25MM



38MM FLOWER



Premium Hydraulic Forming Solutions

Reliable Partner for Hydraulic Forming & Powder Compaction

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🌱 CE Certified · Global Service

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