Efficient and versatile, this machine ensures cost-effectiveness and top-notch performance. Key features include:

Casting Variety:

It efficiently casts pure gold, K gold, pure silver, copper, and alloys in various forms, such as sheets, bars, square bars, round tubes, and custom-shaped products.

Oxidation Prevention:

Gas protection melting prevents metal oxidation for products ready for deep processing.

Uniform Heating: Induction heating with stirring ensures uniform molten metal.

Advanced Control Systems:

Equipped with OMRON temperature measurement, Siemens control, and safety sensors, it guarantees safe and accurate casting.

Safety Assurance:

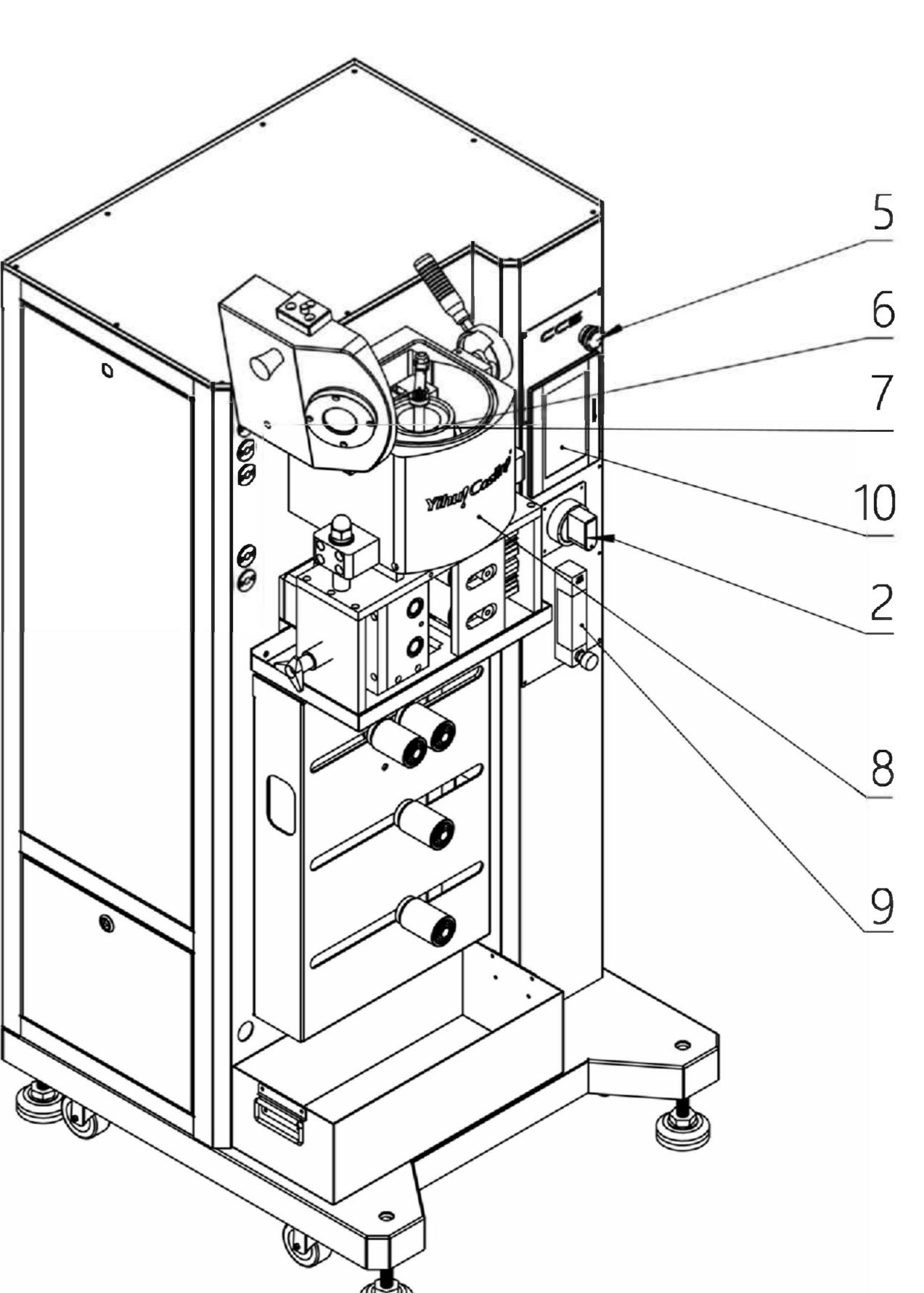
A robust self-checking system prioritizes safety during operation.

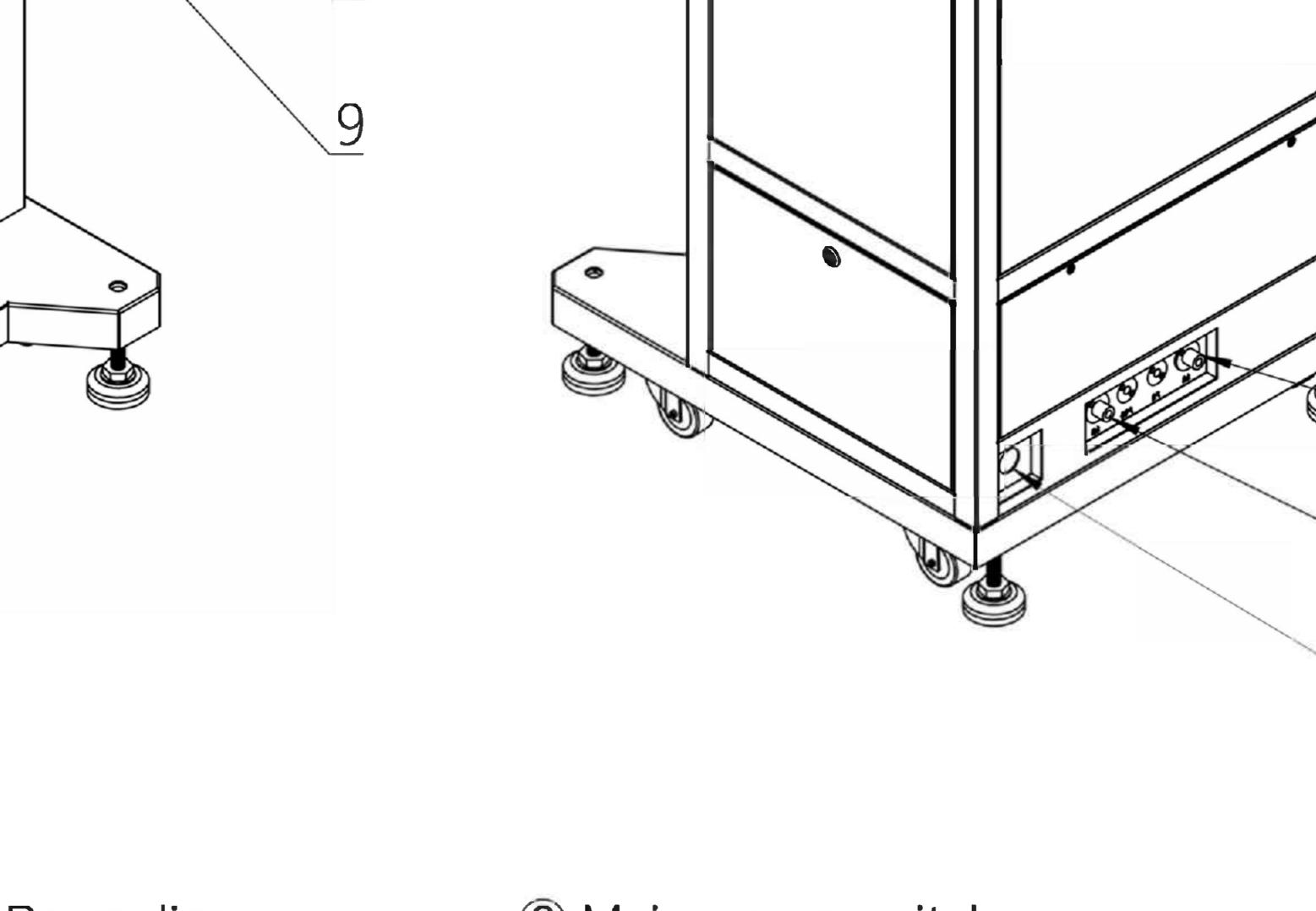
Precision Casting:

Minimal molding errors (less than 1.5% for gold, less than 1.8% for silver) ensure casting precision.

Flexible Capacity:

With capacities of 3kg, 5kg, and 8kg, it caters to various production needs.





8 Melting chamber

1 Power line ② Main power switch

3 Water inlet interface 4 Water outlet interface

6 Quartz jacket 5 Emergency stop

9 Glass rotor flowmeter 10 Touch Screen

Model	Z.M.CM.CC003	Z.M.CM.CC005	Z.M.CM.CC008
Power Supply	AC 400 V ±10%, 50 HzAC		
Power Output	10 kW	15 kW	20 kW
Heating Method	Induction Heating		
Melting object	Pure gold,K gold,pure silver,copper,and thos alloys		
Melting Capacity (Volume of gold)	3 kg	5 kg	8 kg
Maximum Sheet Size (Width and thickness)	30 x 8 mm ²	30 x 8 mm ²	30 x 8 mm ²
Max Rod Diameter	Ф40 mm	Ф40 mm	Ф40 mm
Max Tube Size (Outer Diameter and Wall Thickness)	Ф30 &2mm	Ф30 &2mm	Ф30 &2mm
Suitable Mould	High-density,high-purity graphite.Customizable graphite molds to meet production requirements		
Protection Gas	Argon gas		
Temperature Range	~1150°C, temperature measuring pin K type ~1450°C, temperature measuring pin R type		
Cooling Method	Water chiller 5P / Water temp 10°C~20°C		
Casting Type	Downward-drawing casting technique		
Abnormal Alarm	Machine self-diagnosis and instant shutdown		
Working environment requirements	Ambient temp: 5°C~40°C, Humidity: < 80%		
Power Source	Pressurized Gas Power Source		
Machine Dimensions	780x650x150 mm ³	780x650x150 mm ³	806x650x1640 mm ³
Weight	230 kg	240 kg	290 kg

PARTNERS

VAIBHAV GLOBAL LIMITED





Schwarz Schwar





Meister

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7 Graphite crucible



DEXDO UG (haftungsbeschränkt)

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Manufactured in China by Yihui Casting Technology Co., Ltd

The final interpretation authority of this product advertisement belongs to DEXDO UG (haftungsbeschränkt).

DEXDO

DECIDE & DO!



DIGITAL CONTINUOUS CASTING MACHINE



DECIDE & DO!







Enhancing economic viability with outstanding performance, the machine boasts high operational efficiency, minimal material loss, and a versatile operational mode. Key features include:

1. Power Traction Casting Method:

 Utilizing the downward-drawing casting technique, it facilitates the casting of pure gold, K gold, pure silver, copper, and their alloy counterparts in various forms such as sheets, bars, square bars, round tubes, and custom-shaped products.

2. Gas Protection Melting:

 Employing gas protection melting to prevent metal oxidation ensures that the casted products meet the requirements for subsequent deep processing.

3. Induction Heating with Induction Stirring:

 The combination of induction heating and induction stirring results in a more uniform molten metal, enhancing overall casting performance.

4. Advanced Temperature Measurement and Control Systems:

 Equipped with a Japan-imported OMRON temperature measurement system, Siemens electrical control system, Infineon IGBT+, and a set of five sensors (water temperature detection, water pressure detection, protective gas pressure monitoring, vacuum gauge, and temperature control module), the machine ensures both safety and accuracy throughout the casting process.

5. Robust Self-Checking System for Safety:

• Equipped with a Japan-imported OMRON temperature measurement system, Siemens electrical control system, Infineon IGBT+, and a set of five sensors (water temperature detection, water pressure detection, protective gas pressure monitoring, vacuum gauge, and temperature control module), the machine ensures both safety and accuracy throughout the casting process.

6. Minimal Molding Error:

• Boasting a small molding error rate (less than 1.5% for 999 gold, less than 1.8% for 999 silver), the machine ensures precision in the casting process.

7. Flexible Casting Capacity:

 With a casting capacity ranging from 3kg to 8kg, the machine accommodates various volumes, offering flexibility to meet diverse production needs.





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