

**SUNCUE**

# SUNCUE Gas Type Grain Dryer

**SUPER G · CPR-165 G · MD-165 G · PHS-320 G Series**



**Speedy Drying**

**Even Drying  
Premium Quality**

**Automatic**

**Durable  
Professional Use**



## Features

**Optional types : NG** Nature Gas **or LPG** Liquid Petroleum Gas

• **Safety device : Burner Operation Lamp**

Indicate burner operation status.

• **Safety device : Flame Sensor**

Adopt flame sensor or ultraviolet flame sensor.

• **Safety device : Double Solenoid Valves Design**

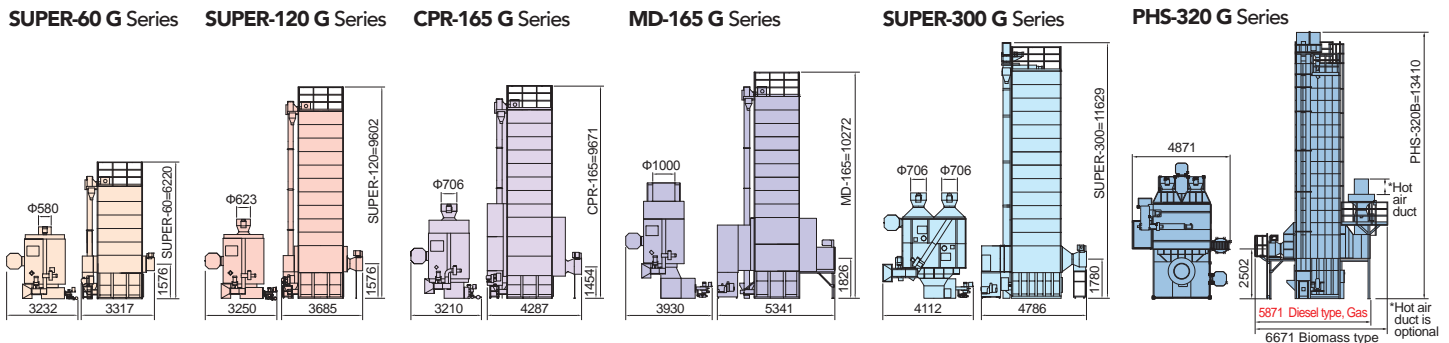
Double solenoid valves design can improve operational safety.

• **Air Gate Auto Regulator**

Adjust mixture of gas and air to reach complete combustion.

## Dimensions

Unit: mm



## Specifications

| Item                  | Model                      | SUPER-60 G  | SUPER-120 G       | CPR-165 G                      | MD-165 G           |              | SUPER-300 G        | PHS-320 G          |  |
|-----------------------|----------------------------|---|-------------------|--------------------------------|--------------------|--------------|--------------------|--------------------|--|
|                       |                            |   |                   |                                | MD-165 GL          | MD-165 GH    |                    |                    |  |
| Capacity (kg) approx. | Paddy                      | 2,500~6,000   | 2,800~12,000      | 6,500~13,250                   | 5,700~13,200       | —            | 4,000~30,000       | 7,800~32,000       |  |
|                       | Wheat                      | 3,035~7,285   | 3,400~14,550      | 7,500~16,350                   | 6,900~16,200       | —            | 5,000~36,400       | 9,600~38,800       |  |
|                       | Maize                      | 3,080~7,390   | 3,450~14,760      | 7,500~16,350                   | —                  | 7,000~16,500 | 5,000~36,900       | 9,600~39,400       |  |
| Dimension L×W×H(mm)   |                            | 3,317×3,232×6,220   | 3,685×3,250×9,602 | 4,287×3,210×9,671              | 5,341×3,930×10,272 |              | 4,786×4,112×11,629 | 5,871×4,871×13,410 |  |
| Burner                | Thermal energy (kW)        | 174   | 233               | 349                            | 233                | 581          | 581                |                    |  |
|                       | Flow rate                  | NG (m <sup>3</sup> /hr)   | 13.6              | 18.2                           | 27.3               | 18.2         | 45.5               | 45.5               |  |
|                       |                            | LPG (kg/hr)   | 6.3               | 8.3                            | 12.5               | 8.3          | 20.8               | 20.8               |  |
| Electricity           |                            | 3P, 220V/380V/415V/440V, 50/60Hz  |                   |                                |                    |              |                    |                    |  |
| Horse power (kW)      |                            | 4.25  | 6.4               | 6.65                           | 11.75              |              | 13.8               | 13.8               |  |
| Function (Paddy)      | Loading (approx. mins)     | 30  | 60                | Rapeseed 60                    | Paddy 72           | Paddy 66     | Maize 75           | 65                 | 55   |
|                       | Discharging (approx. mins) | 41  | 58                | 66                             |                    | Paddy 65     | Maize 70           | 70                 | 50   |
|                       | Drying rate (%/hr)         | 0.5~1.0   |                   | Rapeseed, Wheat, Paddy 0.5~1.2 | Maize 1.2~2.0      | 0.7~1.2      | 1.8~2.6            | 0.5~1.0            |  |
| Safety devices        |                            | Thermo-over relay, Air pressure switch, Full load buzzer, Timer, Control fuse, Over-heat sensor, Burner flame-out sensor, Vibration sensor. |                   |                                |                    |              |                    |                    | Thermo-over relay, Air pressure switch, Full load buzzer, Timer, Control fuse, Over-heat sensor, Burner flame-out sensor, Vibration sensor, Rotary valve sensor. |

• The specifications of burner shown above are Japanese standard. Please consult with SUNCUE for burner with CE standard.

- The density, composition and pressure of natural gas vary at different locations, thus thermal energy per m<sup>3</sup> also varies. Ex: 8,900kcal/m<sup>3</sup> in Taiwan, 11,000kcal/m<sup>3</sup> in Japan, 8,400kcal in Sichuan province of China.
- Gas pipe lines have to be built by certified local professionals. NEVER do it by yourself.
- Above numbers and drying rate are derived from reducing moisture in paddy from 26% to 15%, wheat/corn from 30% to 12.5% — for reference only. Actual results vary among different ambient temperature, relative humidity, grain varieties, hot air temperature, moisture content before and after drying and the thermal energy of the natural gas, etc.
- The specification and graph of this catalogue is only for reference. Actual specification of SUNCUE product shall be based on the Sales Confirmation which customers sign and delivered products.

## SUNCUE around the world



Bolivia

Colombia

Paraguay

Portugal

Spain



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