

GU 500/1000/3000/12000–Induction–GranulatingMachines



GU3000 with some customer specific options on granulation tank

Applications:

- Granulating of metal bullions into proper grains.
- Preparation of alloys out of gold and master alloy under protecting gas atmosphere or under vacuum.
- Preparation of alloys components under protecting gas atmosphere or under vacuum.
- Preparation of alloys out of components under protecting gas atmosphere or under vacuum.
- Cleaning up of already cast metal under protecting gas atmosphere or under vacuum.

Advantages:

- Excellent mixing of molten metal due to low frequency generator.
- Melting under protection gas atmosphere or Vacuum.
- Alloy mixing because of sealing rod system.
- Automatic protective gas control.
- Turbo-pressure device for cleaning the complete crucible.
- 16 temperature-programs.
- Stainless steel granulation tank with pneumatic lift.
- Easy emptying of the granulating tank.

Available in 4 sizes:

Type GU 500	Graphite crucible for 245 cm ³ <input type="checkbox"/>	3.5 kg Au 18ct
	or Graphite crucible for 386 cm ³ <input type="checkbox"/>	5.5 kg Au 18ct
	or Graphite crucible for 700 cm ³ <input type="checkbox"/>	10 kg Au 18ct
Type GU 1000	Graphite crucible for 1500 cm ³ <input type="checkbox"/>	22 kg Au 18ct
Type GU 3000	Graphite crucible for 3400 cm ³ <input type="checkbox"/>	51 kg Au 18ct
Type GU 12000	Graphite crucible for 12000 cm ³ <input type="checkbox"/>	180 kg Au 18ct

Power of generator:

Type GU 500	- 10 kW (400 v/ 3 phases)
Type GU 1000	- 25 kW (400 v/ 3 phases)
Type GU 3000	- 30 kW (400 v/ 3 phases)
Type GU 12000	- 60 kW (400 v/ 3 phases)

Temperatures:

Type GU 500	- 1300°C or 1600°C (depends on thermocouple)
Type GU 1000	- 1200°C or 1600°C (depends on thermocouple)
Type GU 3000	- 1200°C or 1600°C (depends on thermocouple)
Type GU 12000	- 1200°C

Type	(w×l×h) in mm	Weight	Recommended water chiller
GU 500	500 x 820 x 1450	120 kg	4 kW (400 v/3 phases)
GU 1000	700 x 1000 x 1500	220 kg	18 kW (400 v/3 phases)
GU 3000	800 x 1200 x 1500	250 kg	18 kW (400 v/3 phases)
GU 12000	1200 x 1600 x 2000	850 kg	18 kW (400 v/3 phases)