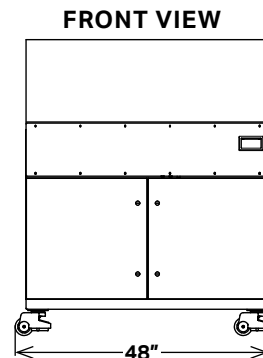
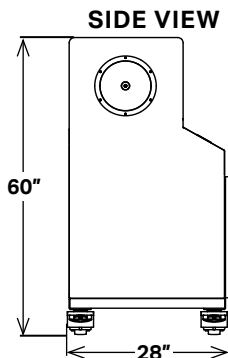


FURNACE SPECIFICATIONS

Sinter-2

With a huge active hot-zone (19,644 cubic cm 1,199 cubic in), the Sinter-2 is the perfect solution for larger parts or batch production. This workhorse furnace processes the full range of commercial grade metals from their washed state into dense metal parts.

| | | |
|----------------------------------|----------------------------|---|
| Furnace Properties | Materials Supported | All Commercial Grade Metals Including: Stainless Steels, Tool Steels, Inconel, Titanium, & Copper |
| | Heating Element | Kanthal |
| | Controller | Pre-Programmed Automatic Cycling |
| | Peak Temperature | 1300° C |
| | Sintering Capacity | Cylindrical - 248 mm ID x 406 mm L (9.8" ID x 16" L) |
| | Sintering Volume | 19,644 cubic cm (1,199 cubic in) |
| | Gas Types | Nitrogen, Argon, and Hydrogen Mix Gases |
| | Retort | High Purity Refractory Retort (Carbon Free) |
| | Sintering Surface | Stackable Ceramic Setter Plates |
| Safety & Installation | Environmental Req. | External Exhaust (100 CFM) |
| | Power | 208V-240V 3-Phase 60A |
| | Over Temperature | Protection System Included |
| Physical Dimensions | External Dimensions | 1,200 x 700 x 1500 mm (48 x 28 x 60 in) |
| | Weight | 350 kg (772 lbs) |



All specifications approximate and subject to change without notice.