

MIXER MDN SERIES



The MDN Series horizontal ribbon mixers with opposite coils are the simple and essential proposals for obtaining quickly a homogeneous and repeatable batch mixture even with small quantities of product. The clean structure of the mixer composed of U-section trough makes it easy to install in addition to the application of a complete series of accessories such as injectors of liquid additives, thermal exchange spaces for cooling or heating the mixed compound. The wide upper area allows the mixer to be loaded with the most varied systems (screws, pneumatic loaders, etc.)

TECHNICAL CHARACTERISTICS

| CHARACTERISTICS | STANDARD | ON REQUEST |
|-----------------|---------------------------------|---------------------------|
| Contact parts | Aisi 304 | Aisi 316L |
| Seals | Food, wear resistant | Nitrogen fluxing |
| Load inlet | Circular with connection flange | As per customer drawing |
| Vent inlet | Circular with filter PTFE | |
| Discharge inlet | Circular with butterfly valve | Total pneumatic discharge |
| Optionals | See specific document | |

DIMENSIONS

| MODEL | A | B | C | D | E | F |
|--------|------|------|------|------|------|------|
| MDN150 | 600 | 750 | 1000 | 800 | 1500 | 1350 |
| MDN300 | 700 | 850 | 1250 | 900 | 1800 | 1550 |
| MDN450 | 800 | 950 | 1400 | 1200 | 2000 | 1750 |
| MDN600 | 800 | 1250 | 1800 | 1300 | 2400 | 2050 |
| MDN900 | 1000 | 1250 | 1400 | 1500 | 2400 | 2250 |

MIXER MDL SERIES



The MDL Series horizontal blade mixers satisfy in many uses the demands in discontinuous mixing. The cylindrical structure of the mixer and the use of appropriately shaped mixing knives, give the powders to be amalgamated turbulences which lead to a high degree of homogenization. The very short mixing times and the flexibility to receive a complete line of accessories (such as injectors for liquid additives, thermal exchange spaces for cooling and heating the mixed compound) make it a reliable, long-lasting and especially efficient product.

TECHNICAL CHARACTERISTICS

| CHARACTERISTICS | STANDARD | ON REQUEST |
|------------------------------|---------------------------------|---------------------------|
| Contact parts | Aisi 304 | Aisi 316L |
| Seals | Food, wear resistant | Nitrogen fluxing |
| Load inlet | Circular with connection flange | As per customer drawing |
| Vent inlet | Circular with filter PTFE | |
| Supplemental inlets additive | Circular with connection flange | As per customer drawing |
| Discharge inlet | Circular with butterfly valve | Total pneumatic discharge |
| Optionals | See specific document | |

DIMENSIONS

| MODEL | A | B | C |
|--------|------|------|------|
| MDL150 | 1250 | 750 | 600 |
| MDL300 | 1750 | 850 | 700 |
| MDL450 | 1900 | 950 | 800 |
| MDL600 | 2000 | 1250 | 800 |
| MDL900 | 2000 | 1250 | 1000 |