

# HERCULES

## Spiral mixers

*HERCULES 20 - 30 - 40 Timer*

*HERCULES 40TA - 50TA Timer (Lift head + bowl removal)*

*HERCULES 50TA 2V - 50TA 2V Timer (Lift head + bowl removal)*



HERCULES 30 Timer



HERCULES 50 TA 2V Timer

### Design and Sanitary:

- Ideal for pizzerias, bakeries, pastry shops, commissaries, and for those Hispanic markets looking to make tortillas
- Designed for dough with 60% hydration or more
- Large thickness C 40 steel construction painted with scratch-resistant powder coating
- Heavy-duty stainless steel bowl with reinforced edge
- Heavy-duty stainless steel spiral dough hook and kneading bar
- Hercules 40TA and 50TA: Lift head and bowl removal for an easy and thorough sanitation

|                       |                                                                                                    |                          |  |
|-----------------------|----------------------------------------------------------------------------------------------------|--------------------------|--|
| <b>Motor:</b>         | High-efficiency, high torque motor, sturdy oil-bath gearbox and reinforced chain drive.            |                          |  |
| <b>Controls:</b>      | Low-voltage IP 67 waterproof no-volt release controls. Thermal overload protection circuit breaker |                          |  |
| <b>Safety:</b>        | Interlocked lid with opening to add ingredients during operation                                   |                          |  |
| <b>Capacity:</b>      | See Dough capacity chart on reverse                                                                |                          |  |
| <b>Plug and Cord:</b> | (not for model Hercules 40-50 TA 2V Timer - 3 phase hardwired)                                     |                          |  |
|                       | Hercules 20 timer:                                                                                 | NEMA 5-15 P, SJTO AWG 16 |  |
|                       | Hercules 30 timer:                                                                                 | NEMA 6-15 P, SJTO AWG 12 |  |
|                       | Hercules 40/TA timer:                                                                              | NEMA 6-15 P, SJTO AWG 12 |  |
|                       | Hercules 50/TA timer:                                                                              | NEMA 6-15 P, SJTO AWG 12 |  |
|                       | Hercules 40 TA 2V timer:                                                                           | NEMA 6-15 P, SJTO AWG 16 |  |
|                       | Hercules 50 TA 2V timer:                                                                           | NEMA 6-15 P, SJTO AWG 16 |  |

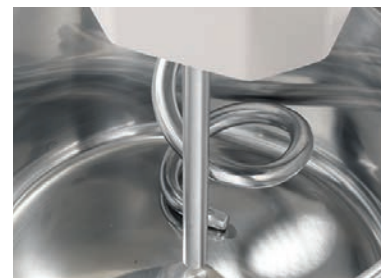
|                    |                          |                            |
|--------------------|--------------------------|----------------------------|
| <b>Electrical:</b> | Hercules 20 timer:       | 120V, 60Hz, 11.3 A         |
|                    | Hercules 30 timer:       | 220V, 60Hz, 8 A            |
|                    | Hercules 40/TA timer:    | 220V, 60Hz, 9.5 A          |
|                    | Hercules 50/TA timer:    | 220V, 60Hz, 9.5 A          |
|                    | Hercules 40 TA 2V timer: | 230V, 60Hz, 3 phase, 9.5 A |
|                    | Hercules 50 TA 2V timer: | 230V, 60Hz, 3 phase, 9.5 A |



Interlocked lid with opening to add ingredients during operation



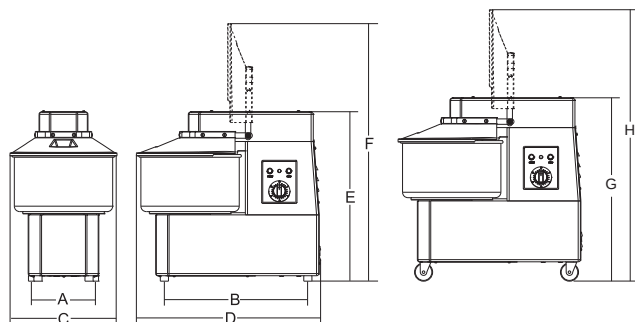
Lift head (TA version)



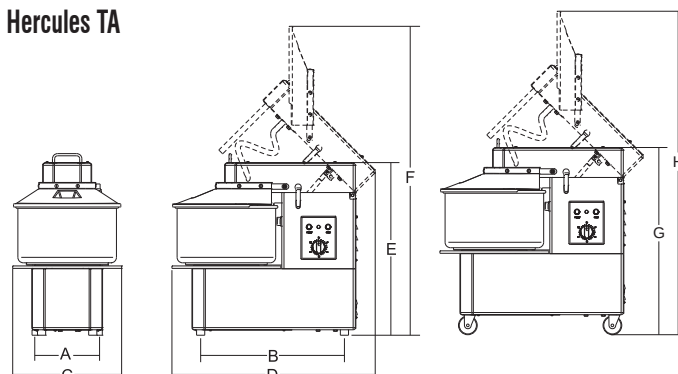
Heavy-duty stainless steel spiral dough hook and kneading bar

| DOUGH CAPACITY CHART BY ABSORPTION RATE |                          |                          |                          |                           |
|-----------------------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
|                                         | HERCULES 20 Series       | HERCULES 30 Series       | HERCULES 40 Series       | HERCULES 50 Series        |
|                                         | LBS (KG)                 | LBS (KG)                 | LBS (KG)                 | LBS (KG)                  |
| HARD DOUGH WITH 60% HYDRATION           | MAX 31 (14)<br>MIN 5 (2) | MAX 44 (20)<br>MIN 7 (3) | MAX 60 (27)<br>MIN 9 (4) | MAX 71 (32)<br>MIN 11 (5) |

## Hercules



## Hercules TA



|                                | Power            | Power source<br>+/- 10% | Tank Revolutions | Spiral Revolutions | Bowl capacity | Dough capacity | Bowl dimensions<br>(diameter x height)   | A                     | B                     | C                     | D                     | E                     | F                     | G                     | H                     | Net weight | Shipping        | Gross weight |
|--------------------------------|------------------|-------------------------|------------------|--------------------|---------------|----------------|------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------|-----------------|--------------|
|                                | watt/Hz          |                         | r.p.m.           | r.p.m.             | qt            | lbs.           | inch.                                    | inch.                 | inch.                 | inch.                 | inch.                 | inch.                 | inch.                 | inch.                 | inch.                 | lbs.       | inch.           | lbs.         |
| <b>Hercules 20 Timer</b>       | 750/1            | 120V, 60Hz              | 11               | 94                 | 22            | 31             | 14 <sup>11/64</sup> x 8 <sup>17/64</sup> | 9 1/16"               | 20 <sup>55/64</sup> " | 15 <sup>23/64</sup> " | 26 <sup>49/64</sup> " | 24 <sup>39/64</sup> " | 37 <sup>13/32</sup> " | 27 <sup>3/4</sup> "   | 40 <sup>35/64</sup> " | 159        | 33" x 23" x 40" | 185          |
| <b>Hercules 30 Timer</b>       | 1100/1,5         | 220V, 60Hz              | 11               | 94                 | 34            | 44             | 15 <sup>3/4</sup> x 10 <sup>1/4</sup>    | 10 <sup>5/8</sup> "   | 23 <sup>15/64</sup> " | 17 <sup>21/64</sup> " | 29 <sup>9/64</sup> "  | 27 <sup>9/16</sup> "  | 41 <sup>11/32</sup> " | 30 <sup>45/64</sup> " | 44 <sup>31/64</sup> " | 209        | 33" x 23" x 40" | 300          |
| <b>Hercules 40 Timer</b>       | 1500/2           | 220V, 60Hz              | 11               | 94                 | 43            | 60             | 17 <sup>3/4</sup> x 10 <sup>1/4</sup>    | 12 <sup>13/64</sup> " | 25 <sup>63/64</sup> " | 18 37/64"             | 32 <sup>31/64</sup> " | 28 <sup>47/64</sup> " | 44 <sup>11/16</sup> " | 31 <sup>37/64</sup> " | 47 <sup>33/64</sup> " | 273        | 39" x 29" x 55" | 320          |
| <b>Hercules 40 TA Timer</b>    | 2200/3<br>1500/2 | 220V, 60Hz              | 11               | 94                 | 43            | 60             | 17 <sup>3/4</sup> x 10 <sup>1/4</sup>    | 12 <sup>13/64</sup> " | 25 <sup>63/64</sup> " | 19 <sup>19/64</sup> " | 35 <sup>53/64</sup> " | 29 <sup>9/64</sup> "  | 53 <sup>35/64</sup> " | 32 <sup>9/32</sup> "  | 56 <sup>11/16</sup> " | 340        | 39" x 29" x 55" | 400          |
| <b>Hercules 40 TA 2V Timer</b> | 2200/3<br>1500/2 | 230V, 60Hz,<br>3ph      | 11/22            | 94/189             | 43            | 60             | 17 <sup>3/4</sup> x 10 <sup>1/4</sup>    | 12 <sup>13/64</sup> " | 25 <sup>63/64</sup> " | 19 <sup>19/64</sup> " | 35 <sup>53/64</sup> " | 29 <sup>9/64</sup> "  | 53 <sup>35/64</sup> " | 32 <sup>9/32</sup> "  | 56 <sup>11/16</sup> " | 340        | 39" x 29" x 55" | 400          |
| <b>Hercules 50 TA Timer</b>    | 1500/2           | 220V, 60Hz              | 11               | 94                 | 55            | 71             | 19 <sup>5/8</sup> x 10 <sup>5/8</sup>    | 12 <sup>13/64</sup> " | 26 <sup>49/64</sup> " | 21 <sup>17/64</sup> " | 38 <sup>3/16</sup> "  | 31 <sup>19/64</sup> " | 55 <sup>45/64</sup> " | 34 <sup>29/64</sup> " | 58 <sup>55/64</sup> " | 400        | 39" x 29" x 55" | 460          |
| <b>Hercules 50 TA 2V Timer</b> | 2200/3<br>1500/2 | 230V, 60Hz,<br>3ph      | 11/22            | 94/189             | 55            | 71             | 19 <sup>5/8</sup> x 10 <sup>5/8</sup>    | 12 <sup>13/64</sup> " | 26 <sup>49/64</sup> " | 21 <sup>17/64</sup> " | 38 <sup>3/16</sup> "  | 31 <sup>19/64</sup> " | 55 <sup>45/64</sup> " | 34 <sup>29/64</sup> " | 58 <sup>55/64</sup> " | 400        | 39" x 29" x 55" | 460          |