

# INTERMIX® VIC Series

## intermeshing mixer



|   | Unit                       | IM110VIC | IM190VIC | IM320VIC  |
|---|----------------------------|----------|----------|-----------|
| VIC mixer   |                            | VIC95X   | VIC165X  | (VIC275X) |
| HF hopper   |                            | IM90E    | IM135E   | IM135E    |
| Chamber volume*   | l (approx)                 | 104      | 191**    | 318**     |
| Useful volume at fill factor 0.75   | l (approx)                 | 78       | 143      | 238       |
| Batch weight at specific gravity 1.15 kg/l  | kg (approx)                | 90       | 164      | 274       |
| Standard rotor speed**  | 1/min                      | 60-70    | 60-70    | 60-70     |
| Related motor power   | kW                         | 510      | 900      | 1,470     |
| Ram pressure on compound<br>(Pneumatic or Hydraulic Ram)  | N/cm <sup>2</sup> (approx) | 50       | 50       | 50        |
| Useful volume of the feeding hopper<br>Up to the feed door shaft<br>(including mixing chamber throat) | l (approx)                 | 114      | 172      | 338       |
| Useful volume of the feeding hopper<br>Up to the feed opening<br>(including mixing chamber throat)    | l (approx)                 | 277      | 410      | 753       |
| Dimensions of feed hopper   | Length in mm               | 650      | 760      | 925       |
|   | Width in mm                | 340      | 380      | 480       |
| Dimensions of Drop Door<br>(Discharge opening)  | Length in mm               | 720      | 850      | 1,000     |
|   | Width in mm                | 290      | 350      | 480       |
| Space requirements for mixer and gearbox, excluding motor   | Length in mm (approx)      | 3,800    | 5,100    | 6,300     |
|   | Width in mm (approx)       | 2,700    | 3,300    | 3,600     |
|   | Height in mm (approx)      | 4,500    | 5,300    | 6,200     |
| Weight of mixer excluding gearbox and motor   | kg (approx)                | 13,000   | 20,500   | 37,000    |

Noise data – the effective A-weighted emission sound at the operating platform depends on the configuration of the mixing line.

\* Chamber volume is the effective free volume of the mixing chamber with closed ram.

\*\* PES5 rotors

\*\*\* In addition to the rotor speeds stated, higher or lower speeds can also be specified. The corresponding motor powers will in most cases be lower than the figures quoted, however for some compounds, depending on their composition, the ram pressure and the mixing method used, higher motor powers may be required.

