

## 1.5. SM.A.SBT SERIES STATIONARY LOW SPEED (AGITATOR) MIXERS

### AREAS OF USE

Low-speed (agitator) mixer machines equipped with heavy-duty power are widely used in all areas where products under heavy industrial conditions require intensive and homogeneous mixing at low speeds. With its superior service factor and strong motor-reducer structure, it provides a homogeneous mixture in a very comfortable way even under the most severe conditions. They are also used for gas concrete production, base and coloring mixer and stocking tanks. They are the preferred mixer types for the production or storage of high tonnage products.



### STANDARD SPECIFICATIONS

Low-speed stationary mixers, which are often mounted on a platform, can also be mounted on the ground on their feet. During the mixing process, the strong structure and design of the mixing wings make difficult mixing conditions very simple. Top and bottom housing of the mixing shaft provides extra strength to itself. Easy dismantling and installing of the mixing shaft makes the maintenance easier. In addition to our standard models, they can be customized for your projects according to your desired capacity and motor forces. They are mixers with various designs of wing or pallet structures. Mixing is made very effectively with special engineering plastics at the ends of these wings, having a larger surface area and higher strength than the wings. The mixing speed can be either a fixed speed or adjustable speed with frequency inverter-technology.

### OPTIONAL SPECIFICATIONS

Ex-proof design in ATEX Zone 1 EEx dIIB T4 standards, Double-type disc, Temperature measurement system, Automatic up and down of the mixer according to the level of the product in the mixing vessel, load-cell weighing system, recipe-controlled semi-automatic or fully automatic PC / PLC control system are optional.

| Machine Type          | SM 1-A.SBT | SM 2-A.SBT | SM 3-A.SBT | SM 4-A.SBT | SM 5-A.SBT |
|-----------------------|------------|------------|------------|------------|------------|
| Agitator (Kw)         | 2,2 - 11   | 5,5 - 15   | 7,5 - 22   | 11 - 30    | 15 - 30    |
| Agitator Speed (rpm)  | 0 - 20     | 0 - 45     | 0 - 45     | 0 - 60     | 0 - 60     |
| Total Volume (Lt)     | 1000       | 2000       | 3000       | 4000       | 5000       |
| Efficient Volume (Lt) | 200 - 800  | 400 - 1600 | 600 - 2400 | 800 - 3200 | 1000-4000  |