

**STATIV – MIX – 2400**



**Mobile Universal Stainless Steel Agitator**

**Agitation – Dispersion - Homogenization**

## **RANGE OF APPLICATION:**

### **1.) Food Industry:**

sugar masses (candy production), gelatine, pectin, starch, fruit yoghurt

### **2.) Cosmetics and Pharmaceutical Industry:**

liquid soap, bath salts, lotions, hair gels, hair shampoo, skin creams, balsam

### **3.) Fragrance and Flavour Industries:**

compositions of perfumes,  
selection of aroma-formulas

### **4.) Colours Industries:**

printing colours, glue, PVC-paste, mass of surfaces, lamination colours and paints, dispersion

## **MACHINE CONSTRUCTION:**

- **Mobile, non-tiltable, stable stainless steel construction, material 1.4301**
- **Smooth, polished surfaces – (enables optimal cleaning of machine)**
- **Tiltable agitator shaft**
- **Fast change clutch between agitator shaft and drive shaft – use of various agitator elements possible (propeller, dissolver, spiral mixer, stator-rotor-system)**
- **On/Off switch on the machine**
- **Connection cable 6m with EU-plug**
- **Pillar lifting: elektro-mechanically**
- **Lifting adjustability: 500 mm**
- **Transportation strap**
- **2 pieces Quick-Stop-locking breaks**

## Various Drive Possibilities:

### A) Norm three-phase current motor and static frequency converter, Standard equipment:

Article No.: STM 2400/02

Electronic, infinitely variable adjustability of speed by means of frequency transformer: speed 0 - 3000 Upm. The dust-, oil-, and abrasive-free drive construction plus the good cleaning possibilities of the machine ensures optimal operation conditions.

Adjustment of the speed even while the machine is not in operation ensures the correct speed right from the start (depending on the product).

Optimal prevention of undesirable air from being sucked into the product or of foam formation. The machine is exclusively constructed in system of protection IP 54.

Drive power N = 2,2 KW / 3 x 380 V/50 Hz



### B) Norm three phase current motor and mechanical adjustable-speed gear drive

Article No: STM 2400/05

Mechanical, infinitely variable adjustable speed: speed 300-2700 Upm.

Speed adjusted by means of hand wheel on the controlling gear while the agitator engine is in operation.

The controlling gear (planet gear) has to be controlled regularly in accordance with the maintenance instructions.

This machine is mainly an explosion-proof construction.

Drive power N = 2.5 KW / 3 x 380 V / 50 Hz

### B) Norm three-phase current motor - 2 speeds

Article No: STM 2400/03

This machine is constructed exclusively in system of protection IP 54 or as an explosion-proof construction.

Choice of speed via pole switch N1 = 750 Upm

N2= 1500 Upm.

Drive power: 1,1 /1,7 KW / 3 x 380 V / 50 Hz



### C) Compressed air engine with mechanical:

a) Spur gear-one speed

Article No.:2400/07P

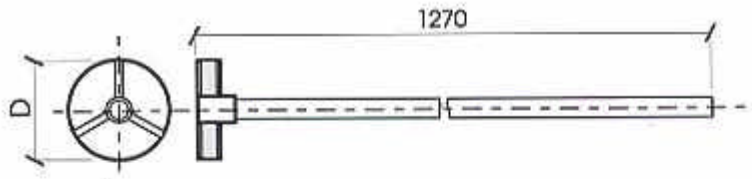



b) Adjustable speed gear drive

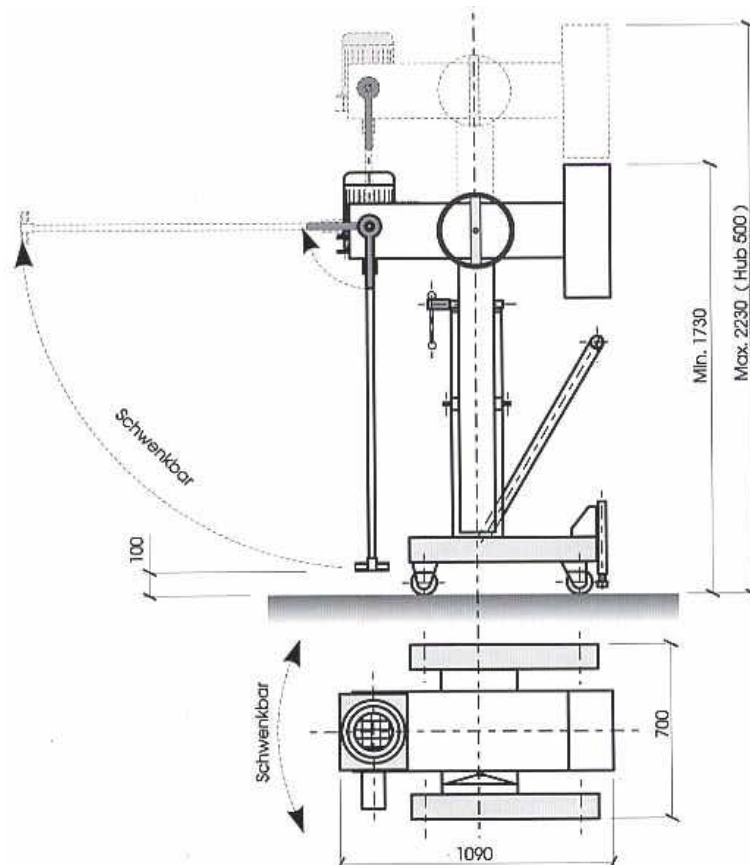
Article No.: 2400/07R

The speed must be adjusted by hand wheel on the controlling gear while the agitator engine is in operation.

The controlling gear (planet gear) has to be controlled regularly in accordance with the maintenance instructions. The machine construction is mainly made for special explosion-proof zones. The necessary speed will be determined in accordance with the product.

The following agitator elements can be used with STATIV – MIX -2400:

- Ring Propeller:  D = 200<sup>φ</sup>
- Dissolver Disc:  D = 180<sup>φ</sup>
- Spiral Mixer:  D = 250<sup>φ</sup>
- Stator-Rotor-Dispersion Mix Head:  D = 150<sup>φ</sup>



**BALIK Maschinenbau GmbH. A-1210 Vienna, Guschelbauergasse 5**

Tel.: +43 (1) 270 89 91-0, FAX: +43 (1) 270 89 91-20, E-Mail: [balik@balik.at](mailto:balik@balik.at), Homepage: [www.balik.at](http://www.balik.at)