

## TP type hopper dosing pump

### Configuration

Dosing pump for high viscosity and thick flowing media. Viscosities up to 1,000,000 mPas. The rotating positive displacement pump works according to the excentric screw principle. Dosing volumes from 10 l/h to 2000 l/h. Process pressures up to 36 bar. The product is fed directly to the pump rotor from the hopper without being diverted. A helical ribbon stirrer transports slow flowing media to the pump.

### Advantages

Variant without valves, low pulsation pumping, gentle product feed, high repetition accuracy of dosing, complete emptying of the hopper and easy cleaning.

### Application areas

Dosing of filling mass in the confection industry: chocolate mass, sugar pastes, fruit gum slurry, peanut paste. Dosing of filling mass for food extrusions: meat extracts, meat slurry, sausage paste, cheese paste, fruit flesh. Filling of high viscous products: dispersion paints, glues, paint pastes.

### Variants – Materials

60° stainless steel hopper, one or more walls, heated or cooled, also isolated. Hopper capacity 100, 150, 200 l. Adjustable speed gear motor. The shaft is introduced from above and does not contact the product, thus no seals are necessary, pump stator available in elastomere or dry running nickle bronze alloy. Pump rotor in stainless steel. Accessories: 3 way butterfly valve combination for dosing or recirculation, observation glass, filling level sensor.



Type	Volume flow l/h	Hopper volume l
TP 20.2	10 - 100	100
TP 40.2	20 - 200	100
TP 80.2	30 - 300	150
TP 100.2	50 - 500	250