

Planetary Mixer



Chemical Process Plants and Equipments

Planetary Mixers are single or double Planetary offers a solution to a wide range of mixing problems and are designed for intense mixing dispersing. Kneading & deaerating products of medium to high viscosity. Contrary to conventional Planetary Mixers, the two bladed configuration along with central co-axial high speed high shear saw tooth turbine blade agitator design is most versatile mixing equipment, the two blade configurations sweep the wall of tub clockwise and rotate in opposite directions at about three times the speed of travel. The shear blades displace the material from wall to the tub and by their overlapping action the center carry the particles towards agitator and their by creating mixing effect over whole volume of tub.

While central coaxial high speed high shear saw tooth turbine impeller effect rotates up to 5000 RPM and creates radial flow and mechanical tear apart solids their by reducing their size and dispersing them among medium.

So this double arm Planetary Mixer incorporating co-axial high speed disperser is ideal for mixing dissolving, dispersing, breaking down agglomerates emulsifying, homogenizing of medium to high viscosity product.