

POWDER MIXERS & BLENDER

Ploughshare Mixer



PLOUGHSHARE MIXER

This is a heavy duty mixer for dry mixing of cement, fine sand, limestone powder, gypsum, chemical powders. The mixing tool is a single horizontal mixing shaft fixed with several support arms each equipped with a vee plough agitator. Mixing shaft is driven by a electric gear motor. For special application it can be equipped with additional mixing choppers mounted at the mix tank side. This enhance the distribution of small quantities additive or color powder.

Turbo Blade Mixer



TURBO BLADE MIXER

This mixer also a heavy duty mixer and is more suitable when there are larger particles of heavy materials, such as courser sand, aggregates, mineral granules. The mixing blade are constructed of high wear resistant special steel materials which can withstand heavy abrasion from courser hard materials. Mixing shaft is driven by a electric gear motor. For special application it can be equipped with additional mixing choppers mounted at the mix tank side. This enhance the distribution of small quantities additive or color powder.

Ribbon Blender



RIBBON BLENDER

Ribbon Blender is suited to more gentle mixing and blending of medium to light weight fine powders which are minerals, chemicals, food nature. The mixing tool is a set of double spiral ribbon blades mounted on a single horizontal mixing shaft. The powder material is pushed horizontally as well as rotation wise in the mix tank which is U shaped with flat top. Ribbon blender are normally constructed of stainless steel.

GENERAL TECHNICAL SPECIFICATIONS

Material to mix	- All kinds of mineral powders, fine chemicals, food powders.
Mixing capacities	- 500 litres to 3000 litres
Material inlet	- At mix tank top centre
Material outlet	- At mix tank bottom centre equipped with swing discharge gate
Mixing shaft	- Single horizontal driven by electric gearmotor
Mixing choppers	- Optional
Electric control panel	- Included with ammeter to indicate mixing load.