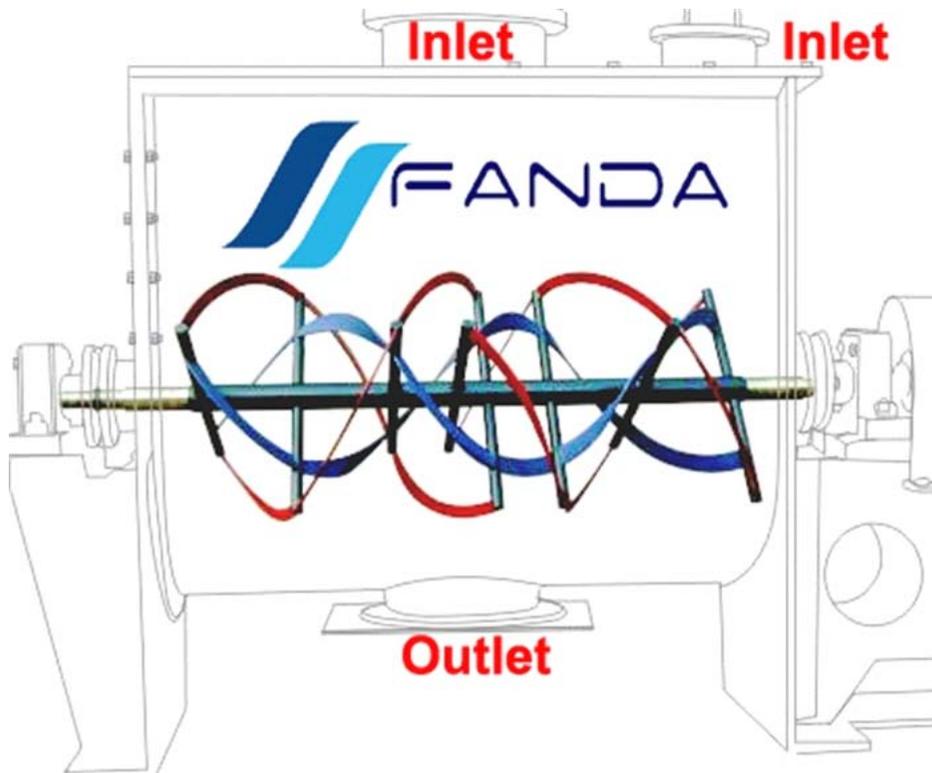


Single Shaft Mixing Machine



Single shaft mixing machine is an efficient and versatile mixing machine for mixing of dry granules & powders homogeneity. One of the main application of single shaft mixing machine is mixing grain powder with other nutritions in the feed pellet plant. During the mixing process, you can add other liquid and powder ingredient, making the feed pellets more nutritional. The single shaft mixing machine is well suited for preprocessing of feed mixture for making aquaculture, poultry and fish feed pellets . The ribbon mixer can also be used for mixing chemical products, compound fertilizer, additive, health care products, etc. The other main application is to mix the soap noodle with other ingredients in soap production line.

Single shaft mixing machine consists of transmission parts, ribbon agitators and U-shape cylinder. In the direction of rotation, the outer ribbon pushes materials from left end to the right end, while the inner ribbon pushes materials from right end to left end. Ribbon wind with different angle direction carries the materials flowing in different directions. Through continuous convective

circulation, the materials are sheared and mixed thoroughly and quickly.

Single shaft mixing machine advantages

1. Used for mixing various grain powder to make nutritional feed pellets, especially for fish, shrimp and other aquatic feed pellets.
2. Can mix high viscous raw material like soap noodle
3. This single shaft mixing machine featured with high efficiency, reliable operation and small land occupancy, good choice for feed pellet plant with small workshop.

4. The optimized double-direction rotating wheels make a fully homogeneous mixing effect, $CV \leq 7\%$.
5. Short mixing time for every batch of materials.
6. The design of big open door ensures quick discharging and little material residue.
6. Can be equipped with several spray nozzle for liquid adding.
7. Smooth transmission and low wearing. We have stainless steel and carbon steel for your choice.
8. The mixing effect is not influenced by powder fitness and density. The single shaft mixing machine is also suitable for viscous materials.
9. We can produce mixing machine with stainless steel and carbon steel, according to your usage we can give you suggest which one is better.

Single shaft mixing machine technical data

Model	WHY150	WHY250	WHY500	WHY1000
Main shaft rotating speed	33.5 r/min	33.5 r/min	39 r/min	39 r/min
Mixing time	3-6 minutes	3-6 minutes	3-6 minutes	3-6 minutes
Mixing homogeneity	$cv\% \leq 7$	$cv\% \leq 7$	$cv\% \leq 7$	$cv\% \leq 7$
Motor power	1.5 Kw	4 kw	7.5 kw	15 Kw
Capacity	150kg/batch	250kg/batch	500kg/batch	1000kg/batch
Dimension	1910x616x1040 mm	2350x700x1250 mm	2940x920x2100 mm	3390x1070x2250 mm