



Soldner Clay Mixers

SECRETS OF CLAY MIXER DESIGN



What makes Soldner mixers so efficient?

Less Friction: Because the clay is sliced with only one small *plough bar*, there is very little surface contact to exert pressure against the bar.

Less Resistance: All the weight of the clay is carried on the *bottom* of a rotating tub. It is never lifted against the force of gravity as with blades or paddle mixers.

Less Sticking: Clay sticks to the walls of metal mixers like it sticks to an aluminum throwing head. SOLDNER mixers are made of *concrete* which, when wet, releases clay.

Less Energy Loss: Most mixers chop or squeeze clay with multiple blades. SOLDNER mixers *cut and rotate* it in a single motion, spatulating and blending the mix continuously.

Less Pampering: There is *no problem* if the clay dries out in the mixer. Use the tub for clay storage. Slake your trimmings, make it your slop barrel or store mixed clay in it.

Less Maintenance: Most repairs can be made *in the field* with normal repair equipment. Replacement parts are standard off-the-shelf items. Most mixers are still in use after 20 years.

Less Complexity: A slowly rotating tub forces clay through a stationary bar, turning, blending and spatulating the mix in minutes. No premixing. Start with raw materials, scrap clay, clay too hard to throw or clay left in the mixer from before.

It's a Very Forgiving Clay Mixer!



Soldner Clay Mixers



STUDIO

MIXING CAPACITY:
150 LBS. WET CLAY

PROFESSIONAL

MIXING CAPACITY:
300 LBS. WET CLAY

Fastest, safest and most convenient way to mix clay

- Unlike other mixers, the SOLDNER mixer carries all the weight of the clay on the bottom of a slowly revolving, concrete tub.
- The rotating tub smashes the clay through stationary cutting bars with a slicing, chopping and wedging action.
- Premixing ingredients is unnecessary.
- There are no dangerous augers, sharp blades or high speed parts to avoid.

SPECS	STUDIO	PROFESSIONAL
Motor	1 $\frac{1}{2}$ hp, 120/208/240 volt, 1 or 3 phase	5 hp, 208/240 volt, 1 or 3 phase
Mixing capacity	150 lbs., wet	300 lbs., wet
Tub, concrete	23"d x 15"h, O.D.	30"d x 17"h, O.D.
Cutter bars	two, 1" stainless steel	three, 1" stainless steel
Frame, welded steel	28"d x 38"w x 32"h	36"d x 48"w x 36"h
Shaft & bearings	1 $\frac{7}{16}$ " x, main bearing	1 $\frac{7}{16}$ " x, main bearing
Safety	open lid shut off, guards	open lid shut off, guards
Warranty	5 years on tub, 1 year on electrical	5 years on tub, 1 year on electrical
Shipping weight	540 lbs. crated	850 lbs. crated

ESTABLISHED 1955
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