

KEJE THERMOWELD
EQUIPMENTS PVT. LTD.

KEJETHERM



POWDER MIXING MACHINE

Model : TMMA

Application :

Various metal powders for various bond and diamond grit are mixed thoroughly for uniform amalgamation.

POWDER MIXING MACHINE

Process :

Powder of various elements/compounds such as Cobalt, Iron, Copper, Tin, Silver, Tungsten metal, Tungsten Carbide etc. are weighed alongwith requisite diamond grit. These are then put in stainless steel jars/cans which are then loaded on the mixing machine. Mixing machine when PUT ON runs for pre-determined time through programmable timer with different features provided. It has reverse / forward timer planned which runs the machine. It allows all the powders put in required proportion depending upon the bond selected to uniformly mix and become amalgamated as required for further process of compacting and hot sintering.

Machine Specification :

Model : TMMA

H.P. : Geared Motor, 1H.P. 3 Phase, 415V, 50Hz.

Capacity : 10Kgs in four jars/cans

Machine Supplied : with OR without Programmable Timer.

Appx. Dimension : 700 L x 800 B x 1200 H in mm

Special Programmable Timer :

Machine is supplied with programmable timer and electric circuitry having following features :

- 1) ON delay
- 2) OFF delay
- 3) Cycle ON
- 4) Cycle OFF
- 5) Auto Reverse / Forward with pause with 4 set timers
- 6) Multiple timer range : 1-9999 sec./min./hours.
- 7) Battery backup for power failure - for programme setting only. Machine would continue as per the pre-set cycle after power is restored.

Our other products for Diamond Tools Industries includes :

1. Hot Sintering press: up to 75KVA or custom built
2. Mixing machine : 1H.P.
3. Weighing Machine: 125 gm/3000grms
4. Cooling Tower: 22.5 Kcal/Hr.to 1Lac Kcal/Hr.
5. Hardness Tester: BHN/RAC
6. Dies & Moulds: Cold Dies/Graphite.

Manufactured & Marketed by :

KEJETHERM

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