

Core Sand Mixer Project Worksheet

Date: _____

Customer Information

Customer Name: _____

Company Contact: _____ Title: _____

Address: _____

City: _____ State: _____ Zip: _____

Country: _____

Phone: _____ Email: _____

Place of Installation: _____

Sand Specifications

Material: _____

Capacity [t/h]: _____

Moisture [%]: _____

Grain Size (mm): _____

Bulk Density (kg/m): _____

Product Temperature [°C]: _____

Core Sand Mixer

Cold Box or Hot Box: _____

Quantity of injections: _____

Material of injection: Brass

Stainless Steel 1.4301

Membrane Valve

Membrane material: PTFE EPDM FKM

Valve block material: (CW617M) Brass (1.4435) Fine Casting (1.4408) Fine Casting

Forged body Forged body Fe<0,5% (1.4539) Forged body

Medium to be dosed (data sheets): _____

RETURN TO: Simpson Technologies

2135 City Gate Lane Suite 500, Naperville, IL 60563

Or email: sales.us@simpsongroup.com or your local representative

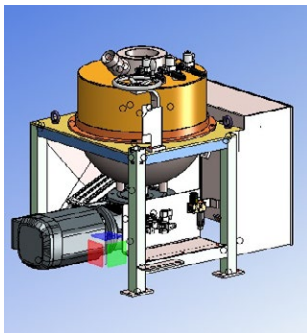
Core Sand Mixer Project Worksheet

Core Sand Mixer

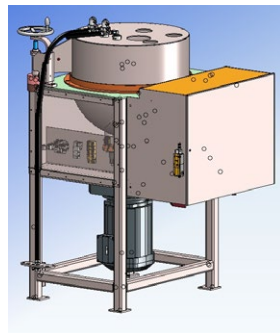
Please indicate dosing quantity in the table:

| Additive | Form | Bulk weight kg/dm | Quantity in % |
|---|---------------------|-------------------|---------------|
| Silica sand | Grain 0-1 mm | 1,3 - 1,55 | |
| Solid resin | Flakes 2-3 mm thick | 0,6 - 0,8 | |
| Liquid resin | Liquid | 1,10 - 1,15 | |
| CA-Stearat | Powdery | 0,25 - 0,35 | |
| Water | Liquid | 1,00 | |
| Hexa solution | Liquid | 1,075 | |
| Silicone oil | Liquid | 0,98 - 1,00 | |
| Hämatit Fe ₂ O ₃ | Grain to powdery | 2,5 | |
| Magnetit Fe ₃ O ₄ | Grain to powdery | 2,3 | |
| Resol | Liquid | 1,1 | |
| Vinsol | Powdery | 0,4 - 0,5 | |
| Clay (Bentonit) | Powdery | 0,8 | |

Design flat or Standard:



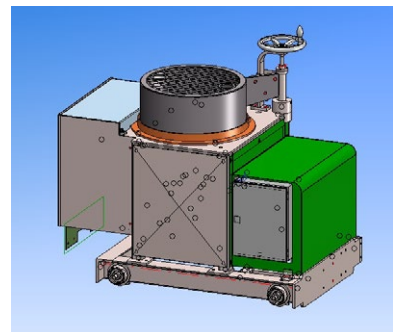
Design flat



Design standard

Mobile: Yes

No



Electrical equipment: Wired to terminal box With ASI Module Complete control

Motor voltage and frequency (V/Hz): _____

Ambient temperature max-min (°C): _____

Drawing installation situation available: _____ Desired delivery date: _____

Special requirements: