

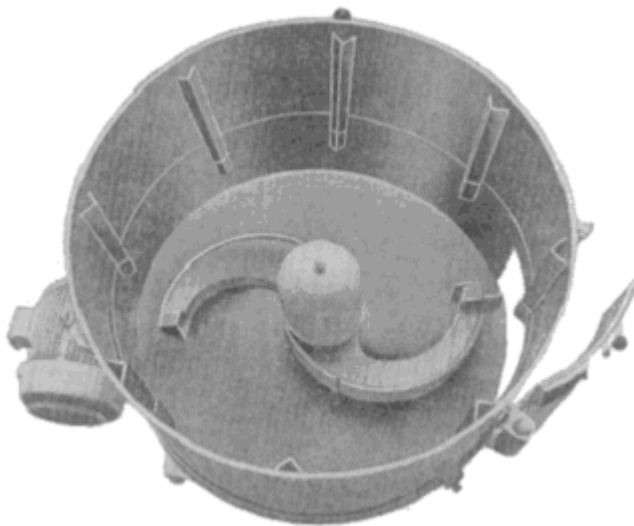
WESMAN

FOUNDRY EQUIPMENT DIVISION

CORE SAND MIXER

FOUNDRY EQUIPMENT

WESMAN VAM SERIES CORE SAND MIXERS are compact, self-discharging heavy-duty equipment specially designed for intensive mixing of oil bonded, CO₂ and resin sand. Guaranteed spares availability and countrywide after-sales service makes the VAM mixer your safest investment and the best value for your money.



The blade rotation compresses the sand and cascades it from the ribbed walls to the centre dome. The continuous vortex action created by this tumbling motion produces highly effective mixing.

The batch is prepared in a short cycle time, and is discharged as a completely aerated and perfectly homogenous mixture.

OPTIONAL: ■ SKIP HOIST CHARGER FOR VAM-2 AND VAM-3 ■ DISCHARGE DOOR PNEUMATIC CYLINDER WITH MANUALLY OPERATED VALVE FOR VAM-1 TO VAM-3

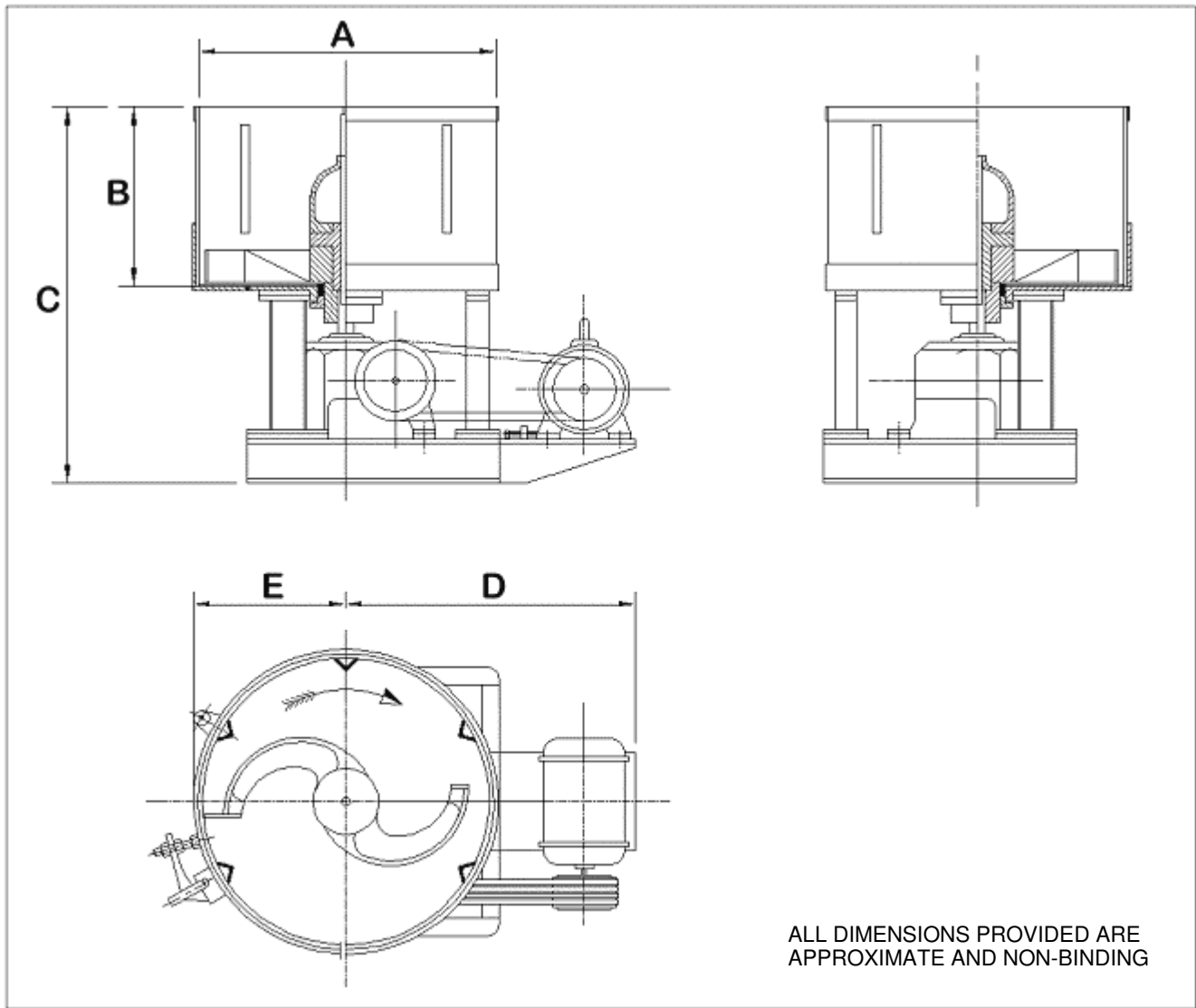
SEE REVERSE FOR INSTALLATION DIMENSIONS

For quicker servicing, the VAM mixer has three easily detachable subassemblies: mixing chamber, mixing blades, and motorised gear drive unit for mixing blades.

The "S"-shaped streamlined heavy-duty mixing blades have adjustable and replaceable hard-faced side wear plates and end scraper tips, and rotates on a vertical axis through the mixing pan. The pan is fitted with vertical ribs for enhanced lump-breaking and mixing action.

STAR FEATURES

- ▶ Short mixing time
- ▶ Economic and efficient usage of bentonite
- ▶ Rugged construction
- ▶ Easy to operate and maintain
- ▶ Proven mixer design
- ▶ Countrywide after-sales service
- ▶ Wesman quality built into every machine



MODEL	BATCH CAPACITY	MOTOR HP	A mm.	B mm.	C mm.	D mm.	E mm.
VAM-00	45 KG	3	530	342	723	615	279
VAM-0	100 KG	5	613	397	832	717	322
VAM-1	175 KG	7.5	788	484	1000	819	418
VAM-2	300 KG	10	976	610	1163	977	515
VAM-3	500 KG	20	1200	625	1305	1095	630

1. Batch capacities are based on oil core sand. For other sands the capacity will vary.
2. VAM-2 and VAM-3 can be supplied with optional skip hoist charger. For such units the motor position will be at right angles (RH or LH) with respect to the discharge door.
3. VAM-1, VAM-2 and VAM-3 can be supplied with optional pneumatic cylinder and manual operating valve to operate the discharge door.
4. Overall height of all mixers may vary with make of gearbox.
5. Motors are TEFC 400/440V AC 3-phase 50 Hz (starter for motor is optional supply).



**THE WESMAN
ENGINEERING CO PVT LTD**

WESMAN CENTER, 8 MAYFAIR ROAD, KOLKATA 700019, INDIA
 TEL: +91 (33) 22405320, 22816406
 FAX: +91 (33) 22478050, 22816402
 EMAIL: foundry@wesman.com INTERNET: www.wesman.com

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