

COMPOST MIXERS



Model shown: CM45

- *Low level easy fill chute for whole bales*
- *Compact, mobile low profile design*
- *Breaks peat lumps - avoiding structural damage*
- *Raised discharge end - direct feed to potting*
- *Gentle action yet quick batch turn-around*
- *Fully pre-wired, mix and watering timers*
- *Homogeneous mixing - no product separation*
- *Extra robust build and low maintenance*
- *Suitable for non granular materials*
- *Pneumatic or mechanical discharge systems*
- *Various filtration solutions*

APPLICATION:

Alvan Blanch Compost Mixers are ideal for blending a wide range of products of varying densities; peat, heavy earth, soil, bark, grit, fertilizers, minerals etc. Their heavy duty design also makes them suitable for many industrial applications.

Compost Mixers can be used to good effect as self emptying reserve hoppers.

CONSTRUCTION:

The shell of the Mixer is robustly constructed in heavy gauge steel (3mm base thickness). The high breaking strain roller chain and slat conveyor runs on cast sprockets mounted on shafts with sealed bearings. The top of the Mixer is removable for maintenance access. An internal watering bar is fitted as standard.

Pneumatic wheels and rubber tyred castors allow

ease of movement around the nursery. Fully pre-wired with mounted control panel, the mixer utilizes a 24 volt control circuit for safe operation in the nursery environment Integral mix and water spray timers are fitted as standard.

OPERATION:

All ingredients are introduced to the mixer via the loading door A safety lock-out switch ensures that the machine cannot be operated when the low level easy fill chute is open.

Roller loading door takes baled peat



The gentle but rapid action from the moving conveyor draws the material up the inclined base of the Mixer, through a segmented agitator, which provides lateral mixing, then the material tumbles backwards down the incline.



Top feed hopper for bucket feeding of loose materials

Batch mixing time can be set to suit product type and condition. There is no chance of separation occurring during extended mixing time or unloading. Mixed product is discharged from the machine by opening the slides on the outlet chute.

OPTIONAL EQUIPMENT:

Feed/Discharge Mechanisms - to bagging chutes or direct to potting unit/conveyor.

Weighing/Volumetric Batching - complete automatic electronic weighing and volumetric batch control systems.

Dust Control - for complete control of hazardous materials to suit all necessary regulations.

Drives - available with electric (three phase), diesel/ petrol engine or tractor PTO drive.

Top Inlet Hopper - for bulk loading.

Extra Heavy Duty Versions - with 5 mm thick base and 3 mm sides for highly abrasive materials, heavy earth etc.

Special Versions - to suit clients own requirements can be produced to order.

SPECIFICATIONS

MODEL	BATCH VOLUME (1)	DRIVE (2)	DIMENSIONS mts (3)			
			Length (4)	Width (5)	Height	Discharge Height (6)
	Litres	kW				
CM45	1,300	2.2	2.9	1.33	1.65	1.06
CM90	2,500	5.5	3.65	1.65	1.84	1.28

NOTES

- 1) Batch volume relates to maximum usable space in the Mixer
- 2) Drive - power requirements are upgraded (or extra heavy duty versions)
- 3) Dimensions are nominal.
- 4) Length: with back hopper closed
- 5) Width: Over drive guard.
- 6) Discharge height; Without discharge chute fitted,
- 7) Further information or advice on applications Involving unusual products - consult our Technical Department.

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Chelworth Malmesbury Wiltshire SN16 9SG England

T +44 (0)1666 577333 F +44 (0)1666 577339
 E info@alvanblanch.co.uk W www.alvanblanch.co.uk