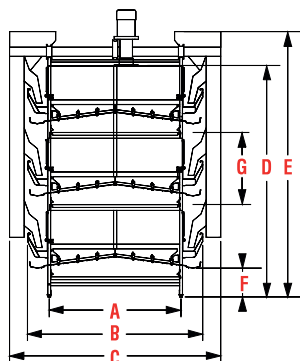


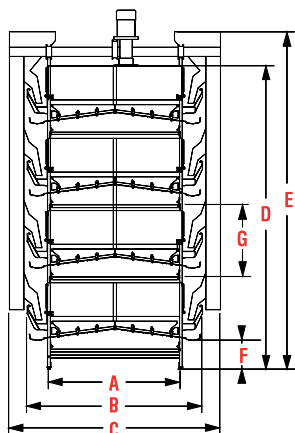
MBB (MANURE BELT BATTERY) LAYER CAGE

TSIS's cage system are known for its high quality & durability in the poultry industries. Our products are well designed to balance efficiency and encouraged the natural behaviour of the birds. This approach is visibility rewarded in the excellent production results.

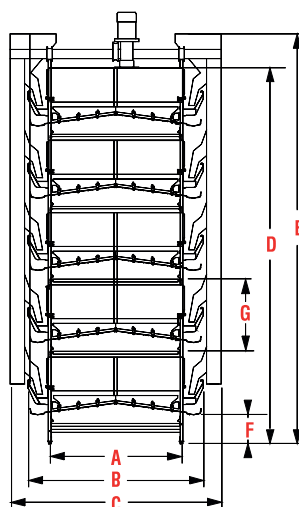
Birds are housed on hygienic flooring, that reduces contact with manure, thus improving biosecurity & reducing exposure to pathogen. The manure falls onto manure belt transported out of the house frequently. Ammonia & fine dust level are extremely low, ensuring a healthy climate for both birds & farm support personnel.



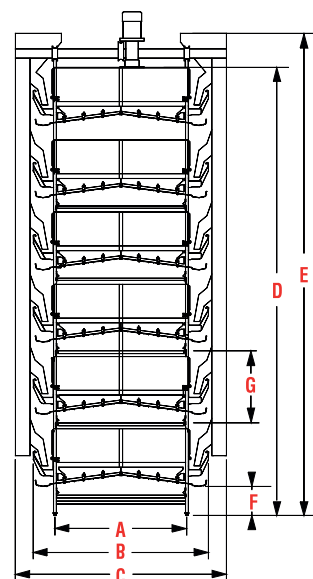
MBB 3-Tier



MBB 4-Tier



MBB 5-Tier



MBB 6-Tier

Cage Compartment Specification		Type 600		Type 750		
Width		600mm (23.6")		750mm (29.5")		
Depth		600mm (23.6")				
Height (Front)		500mm (19.7")				
Cage Floor Area		3600cm ² (558in ²)		4500cm ² (697.5in ²)		
Cage Compartment / Section		24 cages	32 cages	40 cages	48 cages	
Cage Section Specification		MBB 3-TIER	MBB 4-TIER	MBB 5-TIER	MBB 6-TIER	
A	Center Cage Stand	1170mm (46")				
B	Cage Width	1529mm (60")				
C	Hopper Width	1824mm (72")				
D	Cage Height	*(+50mm)	2049mm (81")	2689mm (106")	3329mm (131")	3969mm (156")
E	Hopper Height	*(+50mm)	2306mm (91")	2946mm (116")	3586mm (141")	4226mm (166")
F	Cage Bottom Height	*(+50mm)	241mm (9.5")			
G	Tier Height	640mm (25")				
Cage Section Length		2400mm		3000mm		

* All indications are without engagement. In a constant effort to improve our products, dimensions and specifications may change without prior notice.

Cage Floor Area Per Bird		Birds Capacity Per Section			
		3-TIER	4-TIER	5-TIER	6-TIER
Type 600	7 Birds / Cage 514cm ²	168 birds	224 birds	280 birds	336 birds
	8 Birds / Cage 450cm ²	192 birds	256 birds	320 birds	384 birds
	9 Birds / Cage 400cm ²	216 birds	288 birds	360 birds	432 birds
Type 750	9 Birds / Cage 500cm ²	216 birds	288 birds	360 birds	432 birds
	10 Birds / Cage 450cm ²	240 birds	320 birds	400 birds	480 birds
	11 Birds / Cage 409cm ²	264 birds	352 birds	440 birds	528 birds

* All dimensions in MM

* Adjustable screw for cage levelling max height 50mm