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along said excess coating material for redistribution thereof into a coating cycle within the coating machine.

13. A coating machine for distributing coating material onto the surfaces of food products comprising, 5  
a frame enclosure having a first conveyor means therein and defining an upper conveyor run along which food product to be coated is positioned and a lower conveyor run, 10  
drive means for moving said first conveyor means in a first direction along said upper conveyor run and in an opposite direction along said lower conveyor run and including at least one support roller positioned at the transition between said upper and 15 lower conveyor runs,

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means to provide a top layer of coating material which will be distributed onto the top and side surfaces of food products on said upper conveyor run,

means to provide a bottom layer of coating material which will be distributed on said upper conveyor run onto which food product to be coated will be placed, said means to provide a bottom layer including at least one roller means positioned in spaced relationship with said at least one support roller, wherein a pinch zone is created between said at least one roller means and said at least one support roller which acts to distribute coating material from said lower conveyor run to said upper conveyor run.

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