QBR200 – Semi-Automatic Cuber		**Definitions**
Row Forming Conveyor		A static conveyor that consists of three sets of rollers that provide the base for the operator to manually form the product rows. As the product rows are formed the operator feeds them onto the infeed meter belt.
Infeed Metering Belt		A hydraulic motor-driven conveyor that is used to in-feed the product rows to the side pusher conveyor.
Overhead Side Pusher		A hydraulic operated assembly that consists of, a side pusher conveyor, and a side pusher blade assembly that pushes product rows onto the layer transfer.
Side Pusher Conveyor		A hydraulic motor-driven conveyor that is used to in-feed blocks into the overhead side pusher.
Side Pusher Blade		A hydraulic operated lift-blade pusher assembly.
Layer Transfer		A holding area for accepting arranged rows of product.
Layer Transfer Pusher		A hydraulic operated pusher that pushes a completed layer onto the stripper plate.
Main Cuber Section		A mechanical assembly designed to structurally support the hoist assembly and provide a mounting base for hydraulic components.
Hoist		A mechanical assembly that contains the stripper plate, gate, and side clamp assemblies. The hoist raises the stripper plate to the proper height for placing tier/layer on the cube.
Stripper Plate		A hydraulic operated plate assembly that transfers the layer onto the cube.
Gate		A hydraulic operated plate that holds the product in position over the cube while the stripper plate is retracting back from under the product laying the product on top of the cube.
Heavy Duty Side Clamps		A hydraulic operated clamp assembly that consists of the long clamp and short clamp. The clamps clamp and hold the layer of product, after the stripper plate retracts the hoist then goes down setting the product on top of the cube.
Cube Makeup Section		A mechanical assembly that consists of make-up rolls designed to accept pallets and layers product from the hoist assembly.
Cube Rolls		Make-up Rolls that support the cube.
Cube Rolls Brake		A hydraulic operated brake assembly that consists of a brake support and cylinder designed to hold the cube make-up rolls stationary.
Wood Pallet / Tier Course		A hydraulic operated assembly that consists of a pusher

Injector		conveyor assembly, clamp assembly, lift assembly and storage hopper. Designed to dispense wood pallets or layers of tier course product on to the cube make-up rolls.
Wood Pallet / Tier Course Pusher Conveyor		A pusher assembly that pushes a pallet or tier course.
Wood Pallet / Tier Course Clamps		A clamp assembly that is designed to clamp and hold the pallet or tier course.
Wood Pallet / Tier Course Lift		A lift assembly that is designed to lift the pallets.
Layer or Tier		An arrangement of product formed into a predetermined pattern of a specific length and width.
Cube		A layered or tier configuration of product consisting of a specific number of layers or tiers.
Pattern Maker		A hydraulic / mechanical assembly designed to automatically arrange product to form layer patterns. The pattern maker replaces the row forming conveyor, infeed metering belt and bumper switch in the fully automatic cuber.