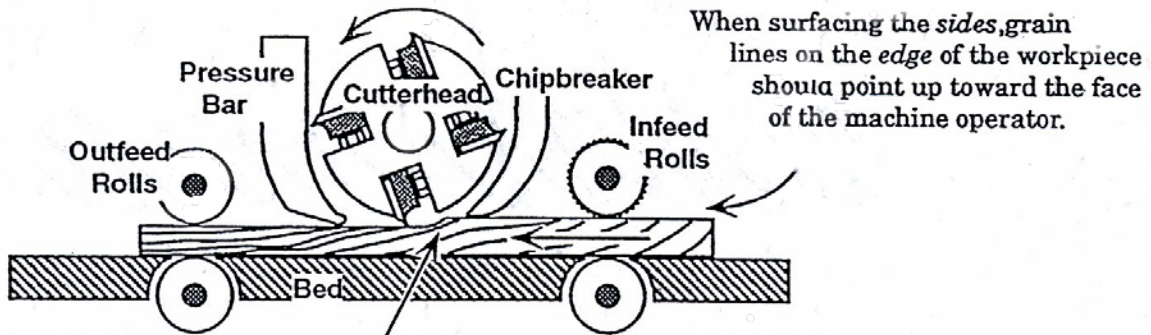


Information Sheet 2

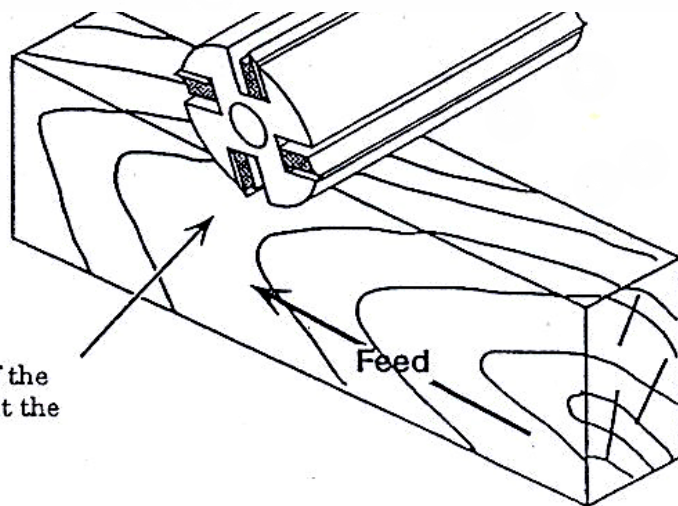
GRAIN DIRECTION DIAGRAM

The cutter-head of the planer is above the wood, exactly the opposite of a jointer, where the cutter-head is below the wood. When machining wood with a planer, the grain direction must be correctly oriented to minimize tear-out.



When surfacing the *sides*, grain lines on the *edge* of the workpiece should point up toward the face of the machine operator.

Grain lines on the workpiece should exit the workpiece in the same direction that the knives exit the cut.



When surfacing stock on *edge*, the grain pattern on the *sides* of the workpiece must be used to orient the piece correctly in the machine.