PLANNING REPEAT EQUIPMENTS OF PRODUCTION PROCESS TILE WITH CAPACITIES 3000 TILE / HOUR

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Abstract  
Requirement of request of tile which will with quality and machines design produce very needed by company of Tile. To increase the quality of its production hence needed design planning of machines produce tile especially mixing machine which need the existence of repair at screw by using two type conveyor screw of paddle functioning flight as carrier at the same time mix hence mixing of materials will be more flatten.

Given the requirement of appliance produce better tile, hence we earn design, planning and calculating energy required to move component like : belt, pulley, gear, conveyor screw, axis, and can determine machine capacities - machine produce tile.

Result of from calculation and planning, got production appliances, for example like : machine of Box feeder, with capacities 10,5 ton /hour, power 8,5 Hp and rotation 12 rpm; mixing machine, with capacities 10,5 ton /hour, power 0,25 Hp and rotation 120 rpm; machine of Vacuum extruder, with capacities 10,5 ton /hour, power 0,33 Hp and rotation 25 rpm; press machine, with capacities 10,5 ton /hour (3000 tile /hour) power 0,5 Hp and rotation 27 rpm.