

ABSTRACT

PT. X is a textile company. To make cloth, PT. X must process from raw material to Greige and then be Cloth (Material Finish), some processes must be done, they are Twisting, Sizing, and Weaving. Each process has its own production cost.

Weaving Cost is calculated from which machine of loom that has been chosen for make Greige. So weaving cost can be calculated from weaving loom machine cost. Twisting Cost is calculated if the yarn is twisting before further processed in the weaving machine. Twisting cost is thus, the quantity of the yarn times the twisting cost. Sizing Cost is calculated if the yarn is using sizing. Sizing have 2 type, that is filament sizing and spun sizing. The total yarn cost can be calculated by multiplying the quantity of the yarn process and the sizing cost.

Based on the processes process above, the company need an application, that: can calculate how much cost that the company has to pay for each type of greige, can count how much cost that the company has to pay for each type of material finish, and can calculate how much cost that the company has to pay for each type of material finish per metre.

Keyword: textile material cost, production cost, twisting, sizing, weaving.

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