

## SUMMARY

# IMPROVEMENT WORK EFFICIENCY AND MANUFACTURING PRODUCTIVITY AT PT. XYZ WITH LINE BALANCING ANALYSIS

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### Description Alt:

The era of globalization where is competitors continues to grow in competing, industrial enterprises charge for continuously improve performance and productivity with guaranteed quality and low cost and must be able to minimize waste which often occur in the operational area. PT. XYZ is a company that is production shoes massively, production planning should be notice, production scheduling and assignment each of the job. When is setting production process and improver planning in every work station a cross assembly will not efficient because arrive materials unbalanced between work stations. now days company issues is how increase the productivity of the plant, that is shoes soccer Nitro production by improving the working line or line balancing so production capacity can be increased.

Line balancing is one of affirmation jobs method into work stations interrelated in a production line so every work stations have a time which does not exceed the cycle time job,

Reasearchers analyzed on assembling parts which consists of 34 process and 32 operator.

Measurement cycle time every work stations, calculated normal time and frozen time cycle time for assembly maits are basic for doing equilibrium line. With ranked positional weight ( RPW ) / Helgeson – Birnie method work stations can be adaptations so result obtained after merging is 25 work stations incorporations, amount 23 of 32 people before the marger incorporation.

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