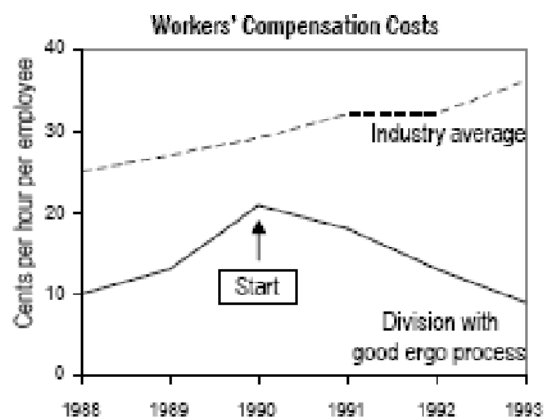


25 Ways Ergonomics Can Save You Money

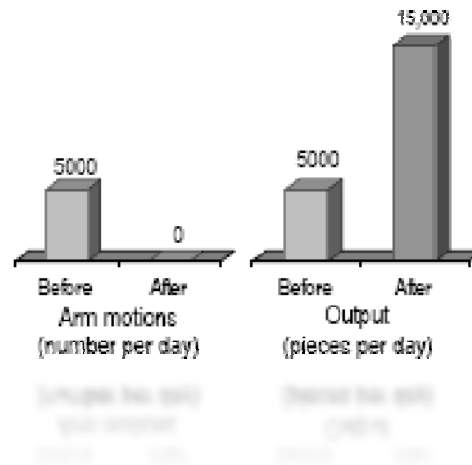
Adapted from by Dan MacLeod

Dwi Purnomo

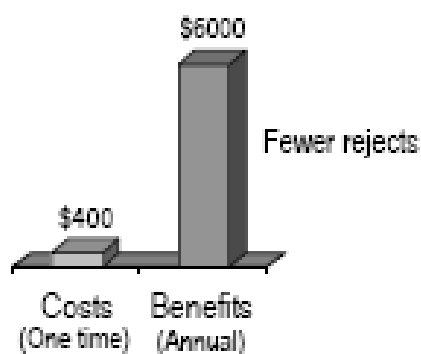
1 Dramatic reductions in workers' compensation costs



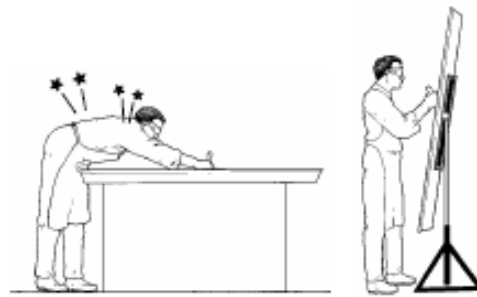
2 Improved productivity.



3 Fewer mistakes and less scrap

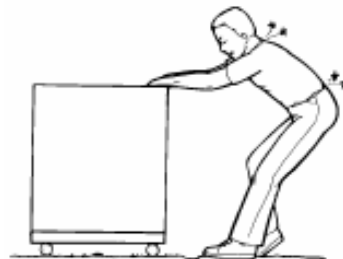


4 Improved efficiency with better working posture



Awkward working positions reduce efficiency.

5 Improved efficiency with less exertion



The higher the exertion, the slower the production.

6 Improved efficiency with fewer motions.



More hand motions:
Slower



Fewer hand motions:
Faster

7 Improved efficiency with better heights

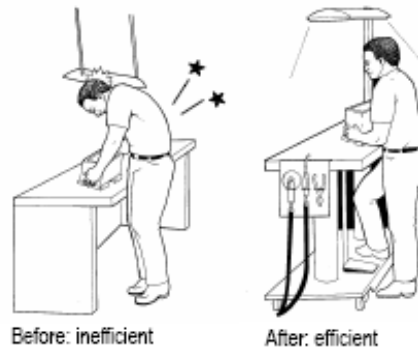


Before: inefficient



After: efficient

8 Less fatigue



9 Reduced maintenance downtime



Poor ergonomics increases maintenance and changeover downtime.

10 Protecting your human resources.



Poor ergonomics increases maintenance and changeover downtime.

11. Identifying waste.



Searching for activities that are hard on people often leads directly to sources of waste.

12. Fresh insights on your operations.



Searching for activities that are hard on people often leads directly to sources of waste.

13 Ergonomics can offset the limitations of an aging workforce



Ergonomics can enable an aging, but productive workforce

14 Reduced turnover.



Ergonomics can enable an aging,
but productive workforce

15 Reduced absenteeism



1

Ergonomics can eliminate sources of dissatisfaction

16 Improved moral



Ergonomics provides a good way to involve people

17 The rebirth of Methods Engineering

**Methods Engineering:
New and Improved!**



FAKULTAS

18 Ergonomics can optimize the Lean Process

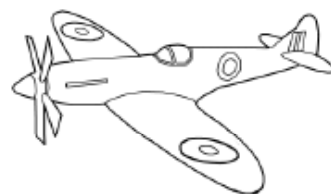


Old-fashioned ergonomics



FAKULTAS
TEKNOLOGI
INDUSTRI
PERTANIAN

19 . 40,000 years of progress.



20. The goal of ergonomics is to make things more human compatible



Good ergonomics is good economics

21. Improving the human-system interface



Good ergonomics is good economics

22. Everyone benefits from knowing the “rules of work.”



Good ergonomics is good economics

23 Saving yourself from OSHA

- Occupational Safety and
- Health Administration

24 . Improved labor relations



Ergonomics provides a good way to involve people

25. Promoting employee involvement



Ergonomics provides a good way to involve people