

# KPM

KOMORI Preventive Maintenance



**Komori Preventive Maintenance to  
Bring Out Maximum Press Performance**

**SERVICE**  
KOMORI CORPORATION

# KPM

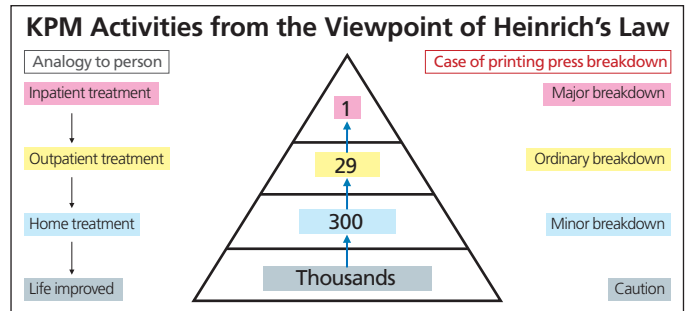
## Komori Preventive Maintenance, Help to Achieve Maximum Press Performance

Komori Preventive Maintenance (KPM), structured approach to improve a printing plants performance by minimizing unplanned downtime, extending machine life resulting in improved productivity, print quality and profitability. KOMORI's comprehensive list of KPM services are optimized to an individual customer's requirements by establishing machine's condition via press inspections and analysis techniques. Consideration is given to the machine age, total machine output and maintenance regime employed. Agreement is reached with the customer on the tasks to be conducted to achieve a performance improvement target.

### Features

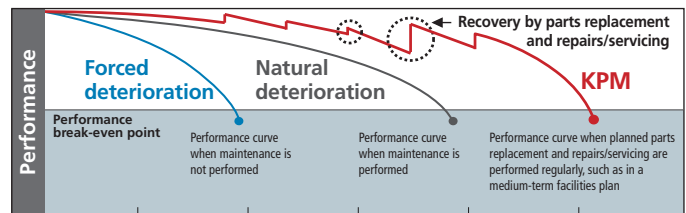
- **Minimizing unplanned machine downtime**

Using Heinrich's law, "there are 29 ordinary breakdowns to every 1 major breakdown. In turn there are 300 minor breakdowns to the 29 ordinary." 5S activities (Sort, Streamline, Shine, Standardize and Sustain) minimize the occurrence of the minor breakdowns, resulting in a reduced number of ordinary and major breakdowns.



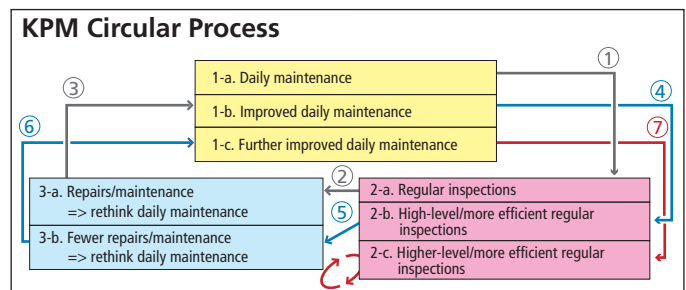
- **Extend machine life**

Machine life is extended by establishing the machines current conditions with inspections, additional analysis techniques and improving performance with the replacement of worn, damaged or missing components. Komori understands the life expectancy of it's wear parts by analyzing available component life data.



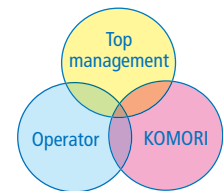
- **Improved productivity, print quality and profitability**

Stable operation and high print quality is achieved by "preventive maintenance circular process" which raise maintenance competency by repeating the cycle of [daily maintenance: activities to prevent deterioration] => [regular inspections: deterioration measurement activities] => [repair/maintenance: activities to recover from deterioration]. Sudden breakdowns are the "triple trouble" of profit losses.



### Key to succeed with KPM program

KPM needs three players such as press operators, top of the company and Komori. Without KPM program, it is often difficult for operators to keep and improve the self-motivated press maintenance routine work. Also financial support is required to recover the press performance from the deterioration such as wear & tear. And top management's involvement and consideration is greatly important and mandatory to roll out and continue KPM program.



\*This catalog was printed on an H-UV-equipped press with K-Supply KG-911 ink.

\*The specifications and design in this catalog are subject to change without notice for the purpose of product improvement.