LOW- OR NO-MAINTENANCE INDUSTRIAL MACHINERY

THE EFFECTS OF DOWNTIME AND HIGH MAINTENANCE EQUIPMENT

$260K

The standard cost per hour of equipment downtime is $260,000.

19

On average, scheduled maintenance takes up 19 hours a week.

However, 18% of companies spend 40 hours or more on maintenance.

$50BN

The use of outdated equipment costs U.S. factories $50 billion in unexpected equipment downtimes.

46.91% of surveyed North American companies utilize 21% to 40% of their operating budget on equipment cleaning and maintenance.

Industrial manufacturers see an estimated $50 billion in costs for unplanned downtime annually.

LOW- OR NO-MAINTENANCE COMPONENTS, EQUIPMENT AND MACHINERY

- **Ultrasonic clamp-on meters**

  These meters measure the velocity of a fluid flowing through a pipe and are virtually maintenance-free as they do not contain moving parts that could wear over time.

- **Advanced control systems**

  Technology involving a programmable logic controller (PLC) with industrial Internet of things (IIoT) capabilities can increase reliability and significantly reduce machine downtime through predictive maintenance and equipment tracking and analysis.

- **Systems modernized with artificial intelligence (AI)**

  Application of data and predictive maintenance programs sourced through sophisticated AI can result in machinery performing at optimum levels with minimum cost and complication.

- **Machinery equipped with augmented reality (AR) or other monitoring software**

  Operating screens and interface technology allowing in-depth looks into the equipment facilitate comprehensive upkeep and problem prevention.

EMERSON™

www.macallister.com/heavy-equipment-maintenance-requirements/
blog.rw-america.com/blog/topic/maintenance-free-coupling
www.bearing-news.com/fit-and-forget-actuators-provide-a-low-maintenance-solution-in-a-high-duty-bread-manufacturing-application/
www.badgermeter.com/blog/5-frequently-asked-questions-about-ultrasonic-clamp-on-meters/