LEAN MANUFACTURING

Lean manufacturing is a way to cut waste of any kind, whether it's time, material or talent — a business philosophy that aims to maximize efficiency by smartly allocating resources, maximizing space, recycling

additional tools

develop a structure of methodologies and apply discipline and order

Material Replenishment and Flow Standard Work Visual Factory Quality Control Process Charts Voice of the Customer Quick Change Over



embrace the 5S methodology

SORT separate unnecessary from necessary items

SET IN ORDER designate a place for all necessary items

old material and applying employees to jobs best suited for their skills.

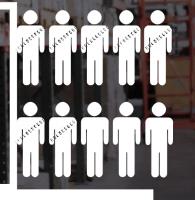
SHINE keep workplace materials and tools clean

STANDARDIZE implement standards for optimal conditions

SUSTAIN manage and maintain performance

is it worth the effort?

nearly 70% of executive manufacturing leaders surveyed in 2011 said their lean efforts led to a reduction in manufacturing costs of less than 5%







47% had hoped to

achieve savings in excess of 5% by implementing lean manufacturing and operational improvement practices

only
but 31%
actually reached

that mark



common obstacles

taking more time than expected (36%) not well planned and managed (36%) lack of resources (33%)

poor cross-functional cooperation (39%) wrong targets, goals and objectives (29%)





why you should give it a try

overall — 91% of respondents described their improvement efforts as "very effective" or "somewhat effective"