

PARTS OF MACHINES

All machines consist of the point of operation, the power transmission device, the operating controls, and moving parts

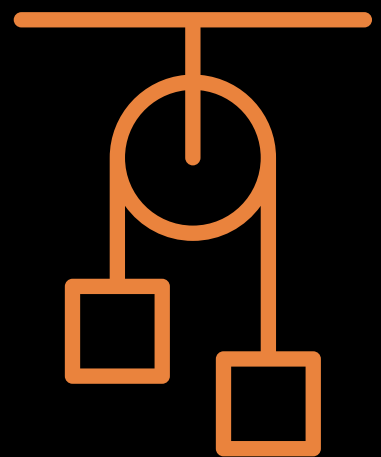
POINT OF OPERATION



The point of operation is where work is performed on the material, such as cutting, shaping, boring, or forming of stock.

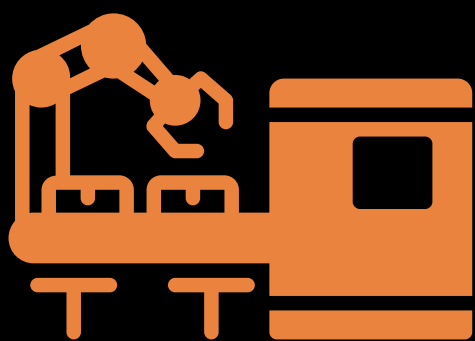
POWER TRANSMISSION

A power transmission device transmits energy to the part of the machine performing the work. Includes flywheels, pulleys, belts, connecting rods, couplings, cams, spindles, chains, cranks, and gears.



OPERATING CONTROLS

A mechanical or electrical power control should be provided on each machine to make it possible for the operator to cut off the power from each machine without leaving his position at the point of operation.



MOVING PARTS

Moving parts can include reciprocating, rotating, and transverse moving parts, feed mechanisms, and auxiliary parts of the machine.

