

Foot pound definition

In physics, a foot-pound force (symbol $\text{ft}\cdot\text{lbf}$ or $\text{ft}\cdot\text{lbf}$), usually abbreviated to foot-pound, is an Imperial and U.S. customary unit of mechanical work, or energy, although in scientific fields one commonly ...

FOOT-POUND definition: an fps unit of work or energy equal to the work done when a force of 1 pound moves... | Meaning, pronunciation, translations and examples in American English

A foot-pound (ft-lb) is a unit of work or energy in the English system, representing the energy transferred when a one-pound force is applied over a one-foot distance.

Foot-pound" 1. (Mech.) A unit of energy, or work, being equal to the work done in raising one pound avoirdupois against the force of gravity through a vertical distance of one foot.

A foot-pound (abbreviated $\text{ft}\cdot\text{lb}$ or $\text{ft}\cdot\text{lbf}$) is a unit of work or energy in the Imperial and US customary systems of measurement. It is defined as the amount of energy required to exert a force of one ...

While both involve feet and pounds, the foot-pound measures linear work or energy expended. In contrast, the foot-pound of torque measures rotational force, indicating twisting power around an axis.

It is the energy transferred upon applying a force of one pound-force (lbf) through a linear displacement of one foot. The corresponding SI unit is the joule, though in terms of energy, one joule is not equal ...

FOOT-POUND definition: a foot-pound-second unit of work or energy, equal to the work done by a force of one pound when its point of application moves through a distance of one foot in the direction of the ...

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