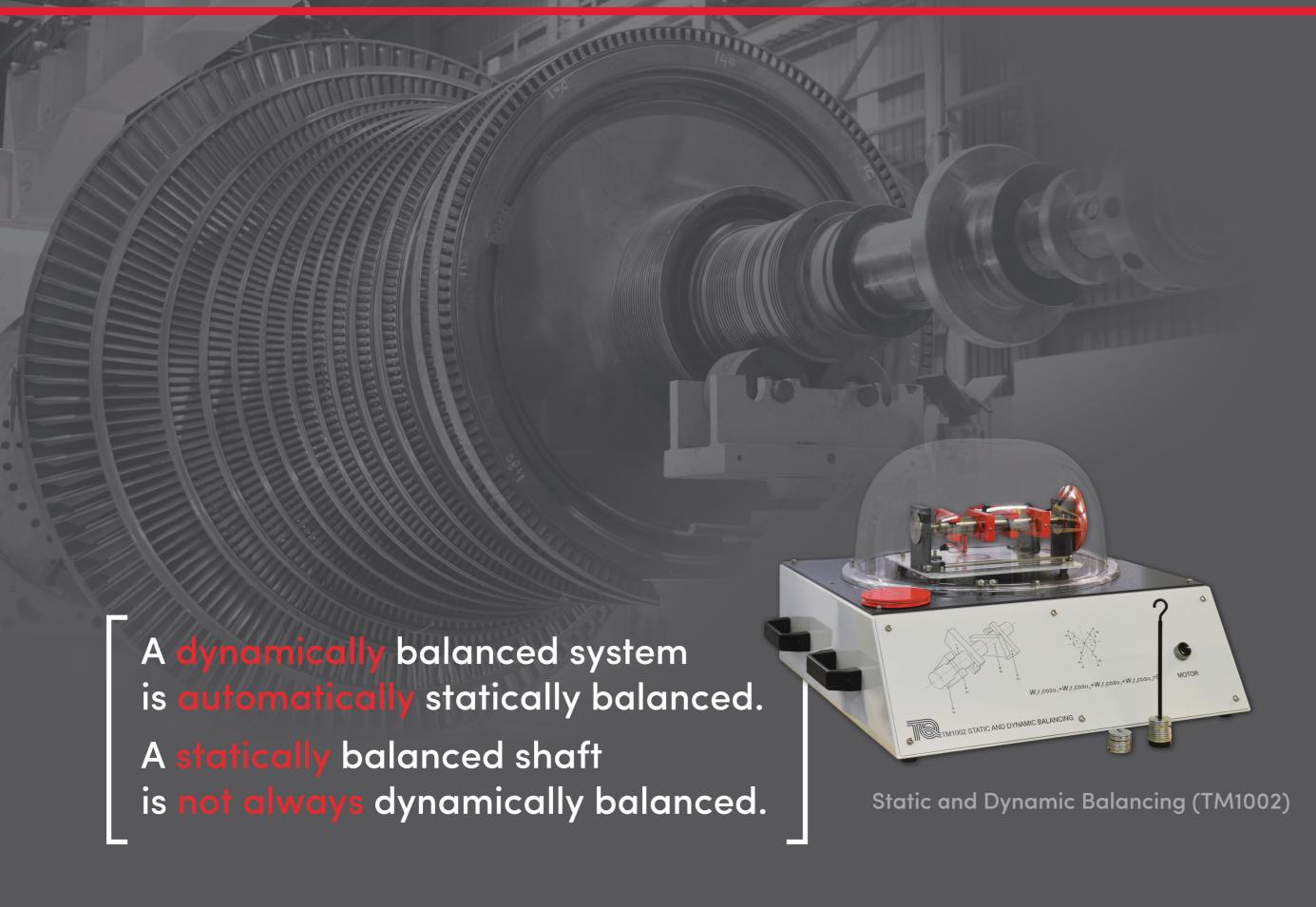
THEORY OF MACHINES



TECQUIPMENT



The study of the relative motion between parts of a machine and the study of the forces which act on those parts.

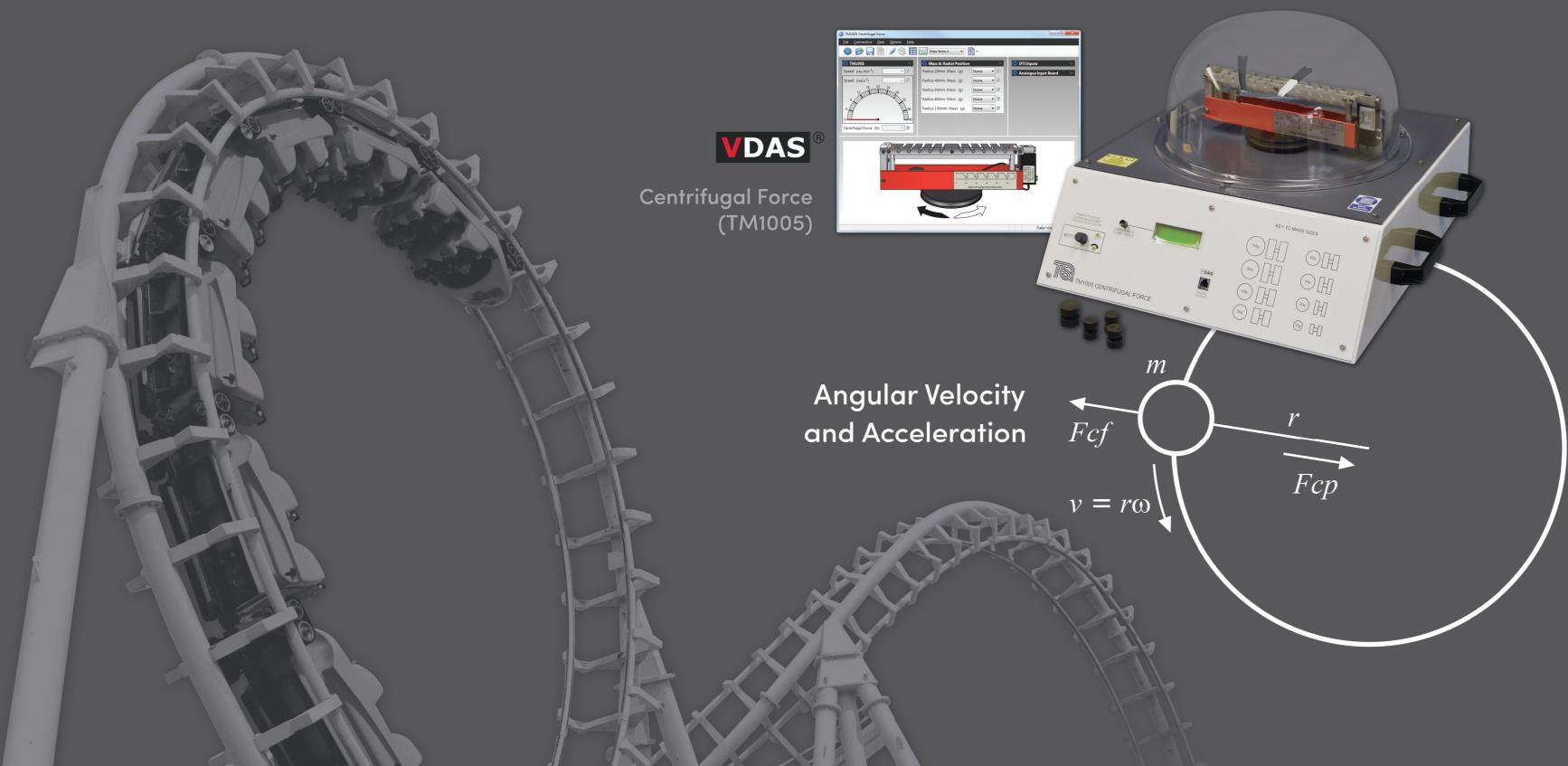
KINEMATICS – The relative motion between the parts.

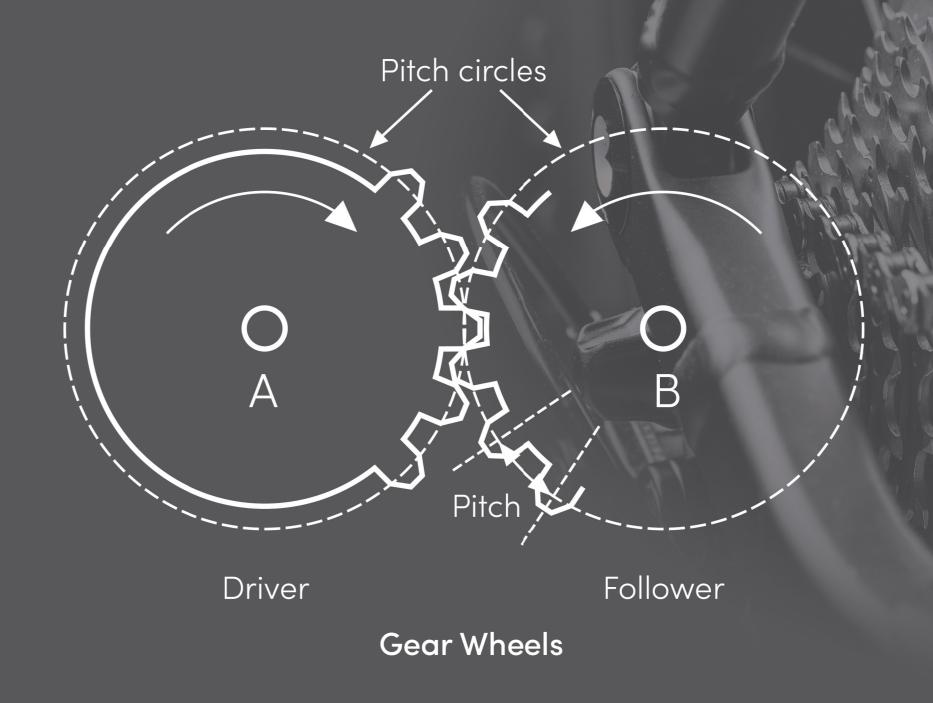
STATICS – The forces which act on the parts.

STATICS – The forces which act on the various parts that are assumed to be without mass.

KINETICS – The inertia forces arising from the combined effect of the mass and motion of the parts.







Speed of Driver A
Speed of Follower B

Circumference of Follower
Circumference of Driver

Number of Teeth on Follower

Number of Teeth on Driver