Feltnova

MOVEMENT SYSTEMS



Energy drive solutions

Flat belt selection overview

Application guidance | November 2026

Illustrative application image; not a project reference.

Plan the drive around the duty

Power transmission for energy equipment

Feltnova flat belt solutions support the transfer of rotary motion between parallel shafts. In energy-related equipment, drive selection starts with the machine layout, load profile and operating environment.

Define the operating conditions

Record transmitted power, shaft speeds, pulley diameters, centre distance, wrap angle and available installation space. Include starting loads, peak torque, daily running hours and any reversing operation.

Match the belt to the environment

Consider ambient temperature, dust, moisture and potential contact with oils or chemicals. Specify any electrical, fire or other safety requirements for the installation. Suitability must be confirmed for the selected belt and operating conditions.

Design for dependable operation

Check shaft alignment, pulley surface condition and the recommended installation tension. Provide suitable guarding and safe access for inspection. Follow the equipment and belt instructions for installation and maintenance.

Discuss your application with Feltnova

Share a drive drawing, operating data and maintenance priorities with Feltnova. Confirm the belt construction, dimensions, joint method and installation procedure before ordering.

General application guidance. Product-specific suitability requires technical confirmation.