

Selecting Clutch and Pulse Tools

Paladin's electric and pneumatic PULSE TOOLS are classified as "discontinuous drive" tools.

Paladin's electric and pneumatic ANGLE and SWINGBAR NUTRUNNERS are classified as "continuous drive" tools.

DISCONTINUOUS

- These tools utilize a hydraulic chamber to generate torque in brief pulses under load
- Pulse tools are best suited to applications with little or no prevailing torque and for hard to medium joints
- Pulse tools provide fast cycle times with no torque reaction, even at high torques

CONTINUOUS

- These gear-driven tools continuously supply power during the entire cycle
- While suitable for all joint rates, they are especially suited for softer draw applications
- These tools will maintain their speed under load

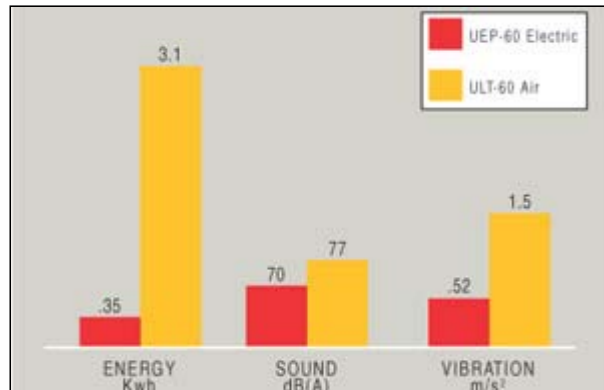
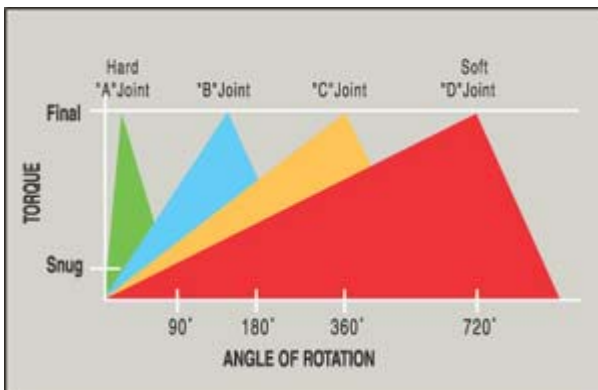
WHICH IS RIGHT FOR ME?

Electric Drive

- Air not convenient or available
- Quieter operation
- Speed control
- More efficient

Pneumatic Drive

- Easy installation
- Familiar maintenance
- Lower initial investment



REVIEW

- A "hard joint" is an application that requires 30° or less of rotation from the snug point to final torque
 - Metal to metal or hard slam
- A "soft joint" is an application that requires 720° or more of rotation from the snug point to final torque
 - Soft draw, gaskets, compressing, aligning parts