



TYPE K - World Leader In Damper Drive Technology



Damper Drive Solutions for Tangential-Fired Boilers

ABOUT TYPE K DAMPER DRIVES

Experience with innovative solutions for your boiler

Type K Damper Drives designs, engineers, and manufactures unique solutions to damper drive problems typically found in Tangential-Fired Boilers.

Tangential-Fired Boilers present both unusual and technically challenging damper drive problems. At Type K Damper Drives, we have the experience and technical know-how to deal with issues of extreme heat, cramped spaces, and working around obstructions like coal pipes and structural elements.

Type K originated the “Drop-It-In” retrofit concept to permit users of old-style drives to upgrade their facilities with high-performance, state-of-the-art damper drives without the local burden and cost of field engineering and on-site fabrication.

Type K does all the work, assumes the responsibility for a successful retrofit, and guarantees your satisfaction so you can be assured of a perfect solution every time.

So, whether you are dealing with windboxes, SOFA Boxes, nozzle tilts, coal mills, or critical fans, we’ve got the experience and a solution to help you improve your operations by reducing your maintenance, lowering your cost, and increasing your performance.

Does this picture look familiar?



If you are like many who have replaced their old control system with a DCS and are now using smart digital process transmitters, why are you still using these old-style windbox damper drives to regulate your boiler’s fuel/air mixture?

Old-style pneumatic actuators just can’t deliver the performance available from Type K’s unique and highly engineered windbox damper drives.

Accurate and repeatable secondary air (Fuel-Air and Aux-Air) damper positioning is regarded as critical in improving NOx emissions and meeting CAA 1990 requirements.

Type K drives are designed to operate indefinitely at temperatures up to 300°F. And, with their NEMA 4X rated packaging, you can be assured that all internal components will remain clean and unaffected by the harshest local environmental conditions.

TYPICAL TANGENTIAL-FIRED BOILER APPLICATIONS



SOFA BOX Drives



I.D. Fan Drives



Fuel Air & Aux Air Drives



Burner Nozzle Tilt Drives



Pulverizer Drives



F.D. Fan Drives

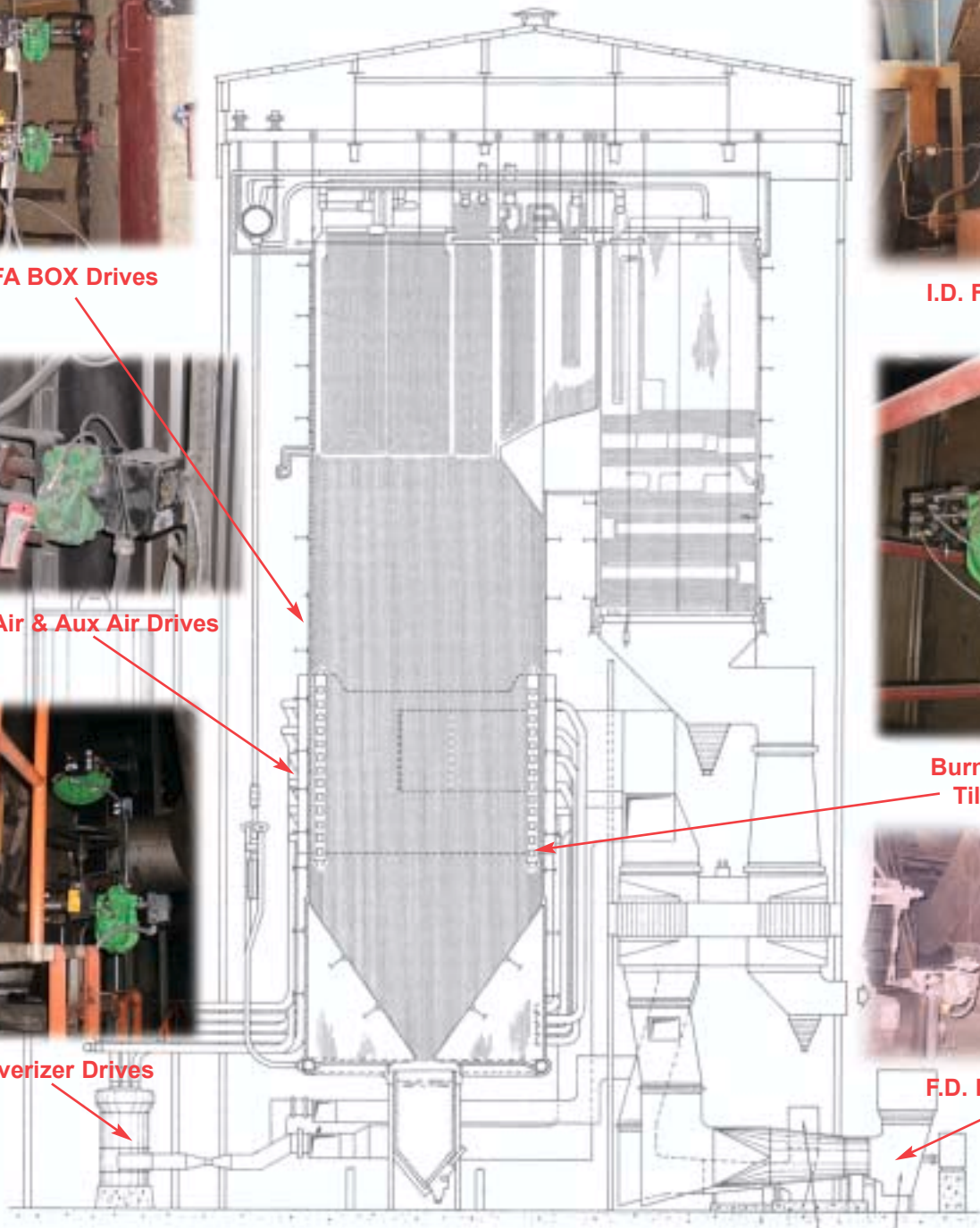


Illustration courtesy of Combustion Engineering, "Combustion Fossil Power", 4th Edition

TYPE K DAMPER DRIVES ARE THE SOLUTION!

Type K drives have provided exceptional performance in thousands of applications on Tangential-Fired Boilers throughout the Electric Power Industry. Our drives are well established as a leader in improving operations by reducing maintenance and increasing overall accuracy and reliability.

Our well engineered drives thrive in the most adverse conditions of high temperature, vibration, fly ash, and coal dust. Our drives will provide long-term trouble-free operation.

Our highly trained personnel take total control of your drive retrofit experience from the initial field survey through the design and manufacturing process to the on-site start-up assistance. You are relieved of the responsibility because we guarantee the results and provide a 3-year warranty for our drives.



Contact Type K or one of our experienced representatives for information on long-lasting solutions to your damper drive problems.



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