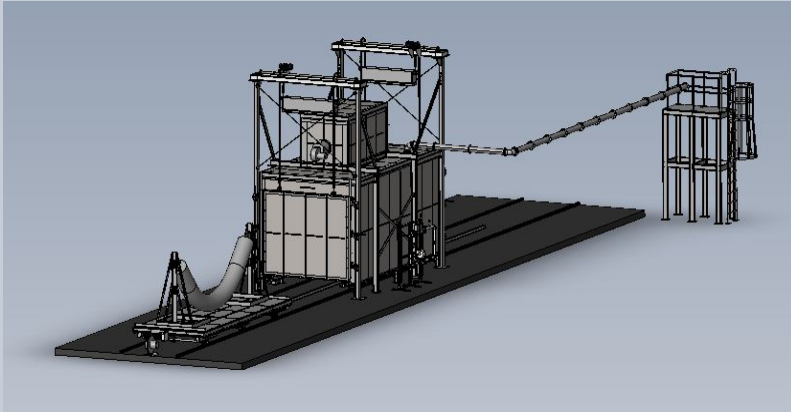


## BATCH LP GAS FURNACE

**N**utec Bickley through its Combustion and Control Unit recently sold a Furnace for Bending Tubes to Pipe Coaters Nigeria, located in Nigeria, Africa. This is Nutec Bickley's first furnace in Nigeria. The NB Furnace type Batch for LP Gas has been designed for preheating of Bends and will be installed in the new bend area of TPCN. The furnace is equipped to work with a thermal capacity of 4,000,000 BTU/hr using state of art combustion technology, including one Fives North American Burner.



The Furnace includes two vertical doors with lifting movement, one side to load and the other side to unload. The burner is equipped with an individual on/off touch screen pushbutton in the Honeywell HCi 10 Operator Interface, a Honeywell 7800 series flame safety relay, a U.V. detector, a full wave spark transformer, direct spark igniter, and an individual burner solenoid shutoff valve.

The combustion system uses LP Gas. The system uses a Zephyr burner from Fives North American. This burner incorporates the air blower with filter, spark igniter, solenoid, gas flow control butterfly valve and a metering orifice. The burner will also have an ignition transformer for automatic start-up. The furnace also has one centrifugal type plug fan which circulates with high convection the heated air and mixes it with the products of combustion. This system will provides high air velocity in order to enhance convective heat transfer to the parts.

More information on this product: <http://www.nutecbickley.com/gas-burners>