

## R&D Carbon invests heavily in graphitized carbon developments

To meet the growing demand for primary raw materials of steel electrodes and cathodes for the aluminum industry, new sources for premium coke are required. R&D Carbon is active in the field of raw material development as well as in the engineering field for developing new production processes based on delayed coking of coal tar.

In cooperation with partner companies pilot samples of a variety of pitch cokes can be obtained and calcined in RDC's pilot calcining facilities (rotary and shaft kiln). In the electrode pilot plant samples can be prepared and its properties are determined according to international accepted test methods.



Rotary Kiln



Shaft Kiln



Sieving of fractions



Fines milling



Intensive mixing



Extrusion press 400 Tons



Bake furnace 1100°C



Graphitizing furnace 3000°C

## Pilot Plant for graphitized Carbon Products