# STIFF EXTRUSION FOR AGGLOMERATION IN METALS, MINERALS AND MINING

BMMS
BRICK MANAGEMENT & MANUFACTURING SUPPLIES (PTY) LTD

**BMMS is the leading African expert in stiff extrusion. We have applied our extensive knowledge of extrusion over the past 7 years to develop agglomeration of mineral fines, waste and sludge, into usable and reliable products. BMMS offers a feasible, cost effective and efficient process to convert mineral waste and by-products from the mining industry into Brex (briquette under extrusion). We are the sole Southern African agent for JC Steele and Sons Inc. as well as Händle, the global leaders in extrusion equipment.**

## OUR AGGLOMERATION OFFERING:

- A complete customer solution.
- Successfully extruded Brex.
- Scalability.
- Complete plant process and material handling.
- Binder.
- Feasibility study.





## LABORATORY:

- Fully equipped laboratory based at our Randburg premises.
- Preliminary testing done to determine binder selection.
- Binder selection is critical to cost and final product requirements (including strength and waterproofing etc.)

**We successfully process and produce Brex fom the following materials:**

- Coal
- Chrome
- Magnetite
- Manganese
- Iron ore
- Conarce dust
- Platinum concentrate



## PILOT PLANT:

- Bulk trials of 10t/hour.
- Purpose: to show scalability of lab results.
- Bulk trials are managed and run by BMMS.





## ADVANTAGES OF OUR STIFF EXTRUSION MACHINERY INCLUDE:

- Industrial application.
- Continuous process vs batch process.
- Greater flexibility in recipe mixes.
- Greater variety of composites of raw material.
- Durable product.

## PLEASE CONTACT US:


**+27 11 462 2226**

**info@bmms.co.za**

**www.bmms.co.za**

**14 Kya Sand Road, Kya Sand, Randburg**