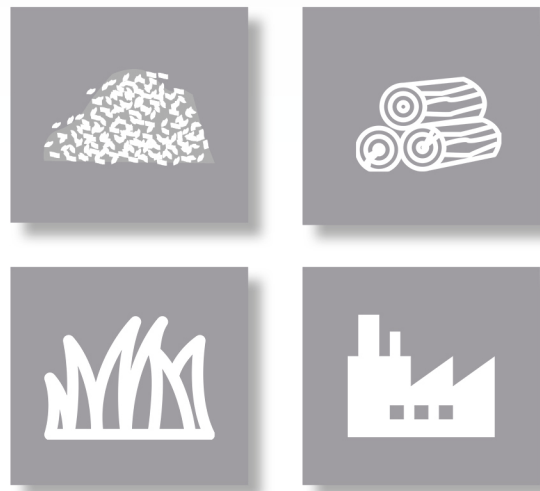




## FROM WASTE



## TO VALUE



## WHY BRIQUETTING?

### Increased value through briquetting

- Revenue from briquettes sold
- High quality, carbon neutral fuel
- Higher calorific value compared to firewood
- Longer burning time
- An attractive alternative to pellets

## ONE STOP SHOP FOR BRIQUETTING

### YOUR BENEFITS:

- ▶ For wood, biomass and agricultural material
- ▶ A compelling alternative to pellets
- ▶ Customized Briquetting solutions
- ▶ Capacities from 30 kg to 3,500 kg per hour
- ▶ In total a combined 100 years briquetting experience with more than 6.000 briquetting systems sold globally

[www.briquetting.com](http://www.briquetting.com)

Tel. +49 8268 9090 20  
[info@briquetting.com](mailto:info@briquetting.com)

[www.briquetting-experts.com](http://www.briquetting-experts.com)

[www.cfnielsen.com](http://www.cfnielsen.com)

Tel. +45 98337400  
[sales@cfnielsen.com](mailto:sales@cfnielsen.com)

More than 100 years experience in briquetting | More than 5,500 sold briquetting systems worldwide

## HYDRAULIC BRIQUETTING SYSTEM

Capacities from 30 kg to 1,050 kg/h

-  **Simple operation**
-  **Various material sizes & capacities**
-  **Long lifespan**
-  **Quick installation (plug & press)**

In 1982, RUF developed the „mould changing system“ which revolutionised the hydraulic briquetting system. Since then, rectangular shaped briquettes are produced with a much higher efficiency. Still today, with the experience of more than 4,500 machines sold, RUF provides cus-

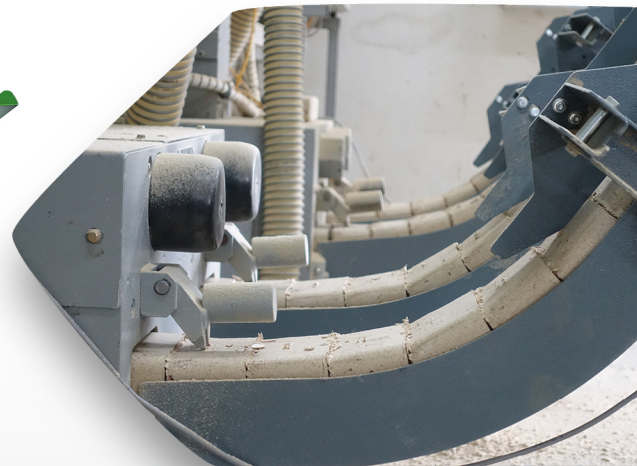
tomised briquetting solutions. The “heart” of our machines is still a hydraulic system, constantly improved, designed and produced by RUF, for reliable and efficient service. For wood, biomass, metal and numerous other materials.

RUF 500



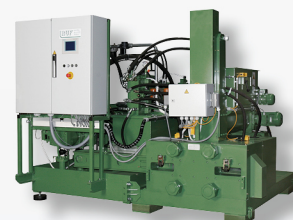
- ▶ Fully automatic 24h operation possible
- ▶ Easy integration into existing production lines
- ▶ Compact design

Installation of BSH in Syski, Poland



### RUF BRIKLET

- ▶ Capacities up to 300 kg/h
- ▶ Automatic screw feeding to industrial furnaces possible
- ▶ Format Ø 30 mm



### LIGNUM 1100+

- ▶ Long service life
- ▶ Low maintenance costs
- ▶ Customisable







POWER MADE IN GERMANY

SINCE 1982

## MECHANICAL BRIQUETTING SYSTEM

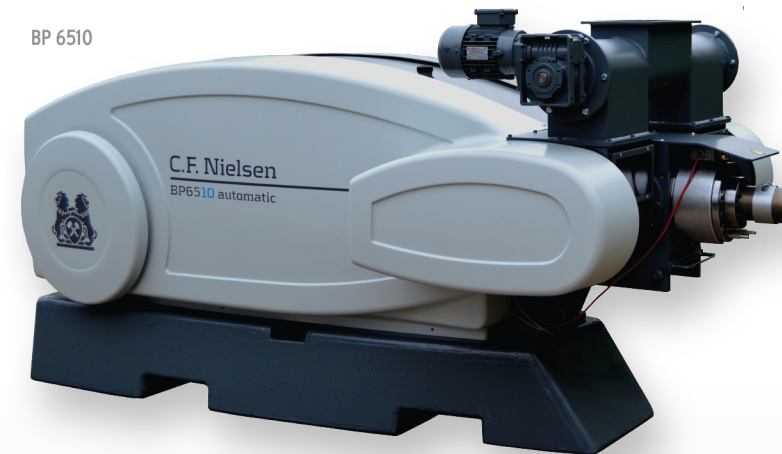
Capacities from 150 kg to 3,500 kg/h

-  **Consumer & Industrial Briquetting**
-  **High density briquettes**
-  **Ideal for wood & agricultural material**
-  **Customized solutions**

C.F. Nielsen is recognised as the world leading manufacturer of mechanical briquetting presses with more than 70 years' experience in briquetting. Over the years the presses have been developed to obtain higher capacities and improved briquetting quality. C.F. Nielsen offer customised Briquetting Solutions, which include everything from a single briquetting unit to complete high capacity briquetting lines.

The mechanical press with double infeed system and advanced PLC control, continues to be a cornerstone of C.F. Nielsen's worldwide activities.

BP 6510



- ▶ Complete lines with saws & packaging
- ▶ Moisture: Consumer 10 - 12 %, Industrial 6 - 16 %
- ▶ Briquettes with and without hole

Installation of Holzindustrie Torgau, Germany



At C.F. Nielsen the development of machines and applications is a continuous process. In 2017 the BPE Shimada Press was acquired and has been totally modified.



### BPE SHIMADA

- ▶ Capacities up to 500 kg/h
- ▶ Very dense and strong briquettes
- ▶ Possible to carbonize briquettes
- ▶ Briquette sizes 62x62 mm