

# Briquette Cutter

## BS 350



**Briquette Cutter BS 350 has been manufactured as complementary equipment for our briquetting presses in order to enable us to offer our customers a complete solution regarding our briquetting press system.**

During the last few years we have observed an increase in sale of briquettes to private customers, and this trend makes demands for better briquette quality and a uniform length in order to fit into a package.

The BS 350 has been constructed as a "flying" cutter as it seizes the "briquette body", and is continuously moved forward by strokes from the briquetting press with the result that we cut briquettes while the briquetting press is working, and the capacity of the press will not be influenced by this cutting. When the cutting has come to an end, the cutter is moved back to its start position by a pneumatic cylinder.

The cutter has been built up on tempered and grinded bars with scraper

### Technical Specifications

Briquette size	Ø60-100 mm
Cycle time/cutting	approx. 4 sec
Briquette length	200-350 mm
Main motor	3,0 kW
Weight approx.	900 kg
Air pressure	7 bar*
Vacuum connections	Ø100 (2 pcs)

\* For compressed air connection

sealings, which prevent the chips to come into the bars. This guarantees long durability of the bars.

As a briquetting press punches hard through the die, it is necessary to have a cooling line with a length of 30-50 metres, before the Briquette Cutter is placed. The long unbroken briquette in the cooling line works as a shock absorber and guarantees a quiet movement of the Briquette Cutter. At the same time the briquette has been cooled down, which gives the briquette the sufficient strength to be cut and handled.

On the very Briquette Cutter Unit we use a very small saw blade with hard metal peaks, then only a small number of dust is left over to be sucked away from the cutting process. The dust can be sucked back into the silo and be reused. The large diameter on the saw blade guarantees a long durability of saw blade.

The BS 350 has been constructed as a separate unit, which can be connected new as well as old installations. As a consequence of our high claims to security the cutter has been totally encased with shields, however these shields can be opened at front, when the cutter has been disconnected. All movable cables are protected with plastic caps to give a longer lifetime.

Please contact us for a solution to your briquetting needs or visit [www.cfnielsen.com](http://www.cfnielsen.com) for further details

