



HAAS drum chipper HTH 250 x 710 T4WV

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NEW DRUM CHIPPER INSTALLATION FOR BSW TIMBER

In April 2007 the sawmill of the BSW Timber UK group in Newbridge on Wye has been equipped with a new HAAS drum chipper installation. The principal item is the HAAS drum chipper HTH 250 x 710 T4WV with a main motor of 110 kW. The feeding of this chipper is effected by a vibrating conveyor of 13,5 m equipped with a screening zone for the separation of saw dust as well as a metal free zone with metal detector. The installation is completed by various HAAS conveying screws and chain conveyors.

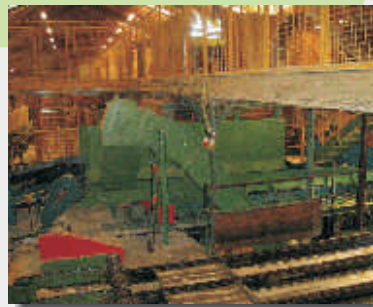
The HAAS equipment was included in an existing line and even under difficult conditions the whole installation could restart operation within some days.

The customer was highly satisfied with the planning, execution, commissioning and the convincing quality of the HAAS machines.

Thus in close cooperation with the customer BSW Timber the HAAS team could realize another ambitious project.



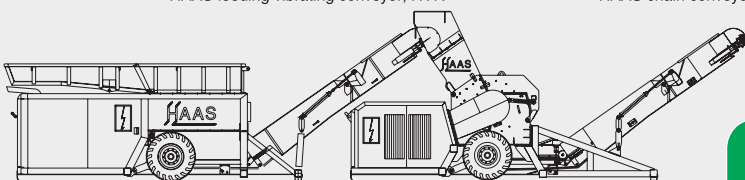
HAAS feeding vibrating conveyor, HVR



HAAS chain conveyor, HKF



HAAS feeding vibrating conveyor, HVR





WE INVEST IN OUR FUTURE

After a construction time of two and a half months we could complete the extension of our office buildings by the end of 2006. This extension covers a surface of 150 m² for the commercial and technical department. At the same time we have equipped the new offices with up-to-date CAD technology in preparation of the application of three dimensional constructions.

Furthermore we have invested in our vehicle fleet: a new truck and two equipped service and installation vans have been purchased.

Until the end of 2006 our staff has been expanded to 47. Furthermore we have recruited

two apprentices for 2007 and intend to employ them after a successful examination.

HAAS company looks back on a successful business year 2006 with a turnover of more than eleven million euros. For 2007 we could already conclude some profitable orders.

At the end of 2006 Mr. Volker Haas participated once more in an expert committee initiated by the Federal Government. This committee is elaborating export guidelines for the SME industry. A certificate of participation has been handed over by the Federal Government.

We are convinced that our task regarding the future generations is to investigate in the business location Germany.

Volker Haas
Volker Haas, Managing Director



HAAS fine hammermill HSZ-R 400 x 1500

Freilingen, Eifel/Germany. A new grinding installation for the production of high quality fine chips suitable for the pellet production has been put into operation.

After the LIGNA 1995 HAAS started - in collaboration with a well-known producer of pellet presses - the development of fine hammermills for the production of fine chips. Since that time HAAS installations in different versions have been delivered.

the chips over a distance of 7 meters vertically upwards and back to a silo with chain extraction.

This silo is used as intermediate buffer before the fine grinding.

The evacuation of the buffer is controlled by frequency converter guaranteeing the continuous feeding of a defined material quantity to the fine hammermill.

In front of the fine hammermill a ballistic separation removes heavy material.

The fine hammermill reduces the material with a special tool system as well as a screen to obtain the required

FINE HAMMERMILL FOR THE PELLET INDUSTRY

Our customer, BOSZ-Bio-Energie GmbH, is producing for some years now pellets for the combustion in heating installations.

According to the requirements of the customer industrial wood with a diameter of up to 1.000 mm can be fed via an automatical log wood feeding (incl. debarking) to the HAAS drum chipper. This input material is transferred by a two-step grinding into homogeneous fine chips which are then transported to a drying unit.

In December 2006 the main parts of the installation have been replaced by HAAS machines and this installation has been put into operation in January 2007 achieving a throughput of up to 2 t/h according to customers request. The fine hammermill, HSZ-R 400 x 1500, is the smallest of the HAAS product range.

Fresh chips are used as input material and are at first transported to the existing dryer.

Due to the limitations in space the well-proven HAAS equipment has been chosen: the chain conveyor transports

the chips over a distance of 7 meters vertically upwards and back to a silo with chain extraction.

BOSZ-Bio-Energie GmbH produces a fine chip of 0-5 mm. This material is then fed without further screening to the pellet production line.

After the fine hammermill the chips are transported via a double screw and a rotary feeder to the following intermediate buffer.

As the complete installation is working with dry material, the ATEX guidelines have been respected.



input material

final product

New recycling installation for waste

Betzgau/Germany. In 2006, after a construction time of four and a half months, a new recycling installation for waste could be put into operation.

Due to the efficient collaboration of the involved companies regarding planning, first foundations, the concrete slab, the plant and hall engineering as well as the final inspection it was possible to achieve this short-term installation.

Our customer, Wilhelm Geiger GmbH & Co KG, supported the installation with own competent collaborators. HAAS equipment has been chosen as the long-term experience in the installation equipment as well as a convincing quality at a reasonable cost-value ratio have been decisive factors for the customer.



Commissioning of the installation

HAAS recycling technology is well known for the delivery of turn-key installations with high throughputs for the waste wood recycling as well as the industrial and construction waste recycling.



HAAS primary crusher, HDVV

The principle item of the Geiger installation is the double-shaft primary crusher.

Best crushing results are guaranteed as the machine is equipped with two shafts that are controlled separately.

Different crushing programs have been developed for each kind of material in order to achieve the required end product. Due to the HAAS shaft system material blockages are avoided.

NEW RECYCLING INSTALLATION FOR WASTE

After the crushing process ferrous parts are separated. The resulting dust is extracted by suction. After this process the material is either transported on stock or the precrushed material is fed to the screening drum of the installation.



HAAS drum screen, HTS

The screen separates the material into three fractions. From the fine fraction ferrous parts are separated once again and this material is then transported to the corresponding box.

The medium fraction is fed to a ballistic separator and is then separated into heavy and light fraction. The light fraction is evacuated to the second box for further use. If necessary, this fraction can be crushed once again.

The heavy fraction is cleaned from ferrous parts and is then transported to a manual sorting station.

The generously dimensioned sorting cabin is equipped according to the best available technology. Completely automatic air conditioning with fresh air suction as well as an optimized illumination of the working places are high quality features of the sorting cabin.

The evacuation chutes are completely isolated against cold air and are opened in intervals during the sorting process. The sorted material is then transported to the corresponding boxes.

The separated materials are transported to a baling press and are then transported to the consumer.

The integrated switch room guarantees an optimal control of the installation. All workflows are visualised on a 12" display where all operating

conditions are visible. The integrated modern access allows an excellent service and maintenance as diagnoses can be done online and updates can easily be carried out.

After the commissioning of the installation Geiger expressed its satisfaction regarding the fast and precise realization of the requested installation features.



HAAS sorting cabin

HAAS

RECYCLING SYSTEMS



HAAS HDWV 700/1500
Demonstration machine
 Hours of operation
 approx. 50-80
Price to be discussed

Doppstadt
DW 3080 E1 Mammut
 Year of construction 1997
 Hours of operation
 approx. 9000
Price to be discussed

During the Ligna+ (14.-18.05.2007)
 we will present the following machines
 on our **stand C 42 in hall 27:**



HAAS fine hammermill HSZ-R

Fine Hammermill HSZ-R 400 x 1500

For the production of pellet chips or other fine chips
 capacity up to 10 t/h depending on model
 and input material



HAAS horizontal hammermill HTLL-H

Horizontal Hammermill HTLL-H 250 x 650

For the crushing and volume reduction of waste
 from sawmills or joineries

We are looking forward to meeting you on our stand!

OUR SPARE PARTS/ SERVICE DEPARTMENT

You need a spare part? Contact Mr. Diehl, he is at your disposal.



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PREVIEW NEWS No.3

- New machine technology
- Waste wood and waste recycling in detail

EXHIBITION DATES

11.-13.09.2007
 RWM 2007
 Manchester, UK

07.-10.11.2007
 Ecomondo
 Rimini, Italy

05.-09.05.2008
 Ifat
 Munich, Germany

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