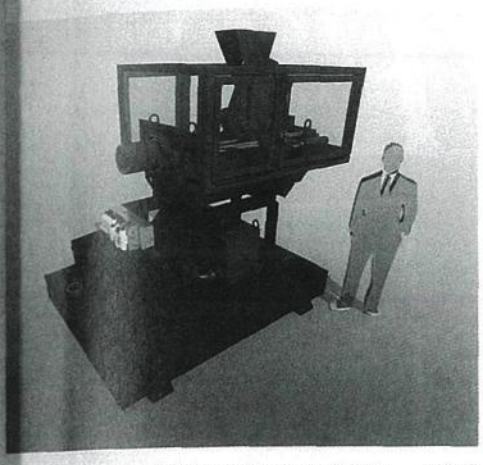
/ Briquetting presses with filling variants



A briquetting press transforms ordinary industrial metal chips into dense briquettes, reducing the volume so as to save on storage space, cutting losses during transportation and storage, and making metal chips re-smelting more easy and effective.

The newly-developed range of ArnoBrik Series Briquetting Presses from Austrian manufacturer ATM is offered with three filling variants which correspond to the free-flowing properties of the material. Inclined or two-step feeders enable these presses to process both grinding slurry and drilling swarf. Their solid welded construction with two or three columns means that the machines can also be used for heavy, continuous operation. Each machine can be operated manually or automatically.

According to ATM, the presses have a graphic operator panel for visualisation of all process sequences and can be integrated easily into fully-automated production lines. Remote maintenance and system adjustments can also be carried out, the company observes.

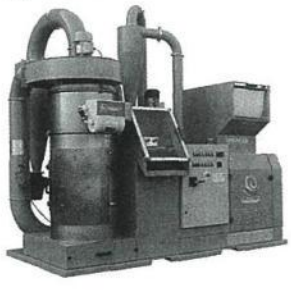
ATM Recycling Systems,
Fohnsdorf, Austria,
Phone: +43 357 327 52 70,
Fax: +43 357 327 527 390,
E-mail: office@atm-recyclingsystems.com
www.atm-recyclingsystems.com

/ Radiator recycling line from Guidetti

Using its experience in electric cable recycling, Guidetti of Italy has created a line for recycling radiators from cars, household appliances and air/liquid industrial coolers with a capacity ranging from 400 to 1200 kg per hour.

The radiator line consists of a Guidetti PMG N 600 pre-shredder combined with the Sincro 530C granulator. Three models are available to fit the radiator's composition, that is, for copper/aluminium, copper/aluminium/plastic and copper/aluminium/iron. In order to achieve separation of all the materials present in the radiator, the line can be supplemented with other accessories according to customer needs. Sincro machines have been on the market for more than a decade and were originally designed for the recycling of electric cable (copper and aluminium) through their granulation and successive separation of metal from the insulation material (PVC, rubber, PE, paper, tissues, etc). When combined with a pre-shredder such as the PMG N 600, the high cutting efficiency makes it particularly suitable for processing radiators.

Guidetti Recycling Systems,
Renazzo, Italy,
Phone: +39 051 685 85 11,
Fax: +39 051 972 099,
E-mail: info@guidettisrl.com,
www.guidettisrl.com



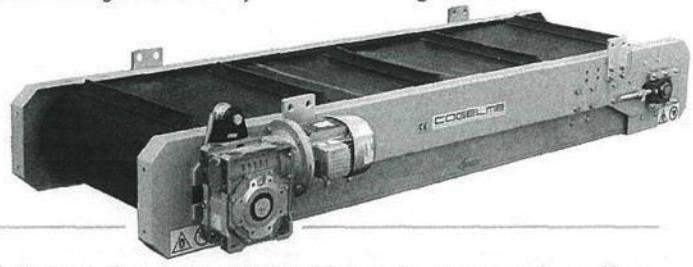
/ Cleaner tyre separation with Cogelme

When shredded tyres are subjected to a separation process using a standard overband magnetic separator, the extracted iron still carries a high proportion of rubber remnants.

In a bid to solve this problem, Cogelme of Italy has developed a separator specifically suited to perform this task automatically, delivering clean iron and clean steel in a single, short pass. The overband magnetic separator is placed cross-wise or length-wise above the conveyor belt at a fixed working distance. Iron objects are 'captured' from the material flow and, after leaving the magnetic field, these and the rubber fraction automatically drop into appropriate containers or conveyors.

Cogelme boasts more than 30 years of specialisation in building separators for sorting ferrous and non-ferrous metals.

COGELME S.a.s.,
Tortona, Italy,
Phone: +39 013 186 18 80,
Fax: +39 013 186 63 37,
E-mail: info@cogelme.com
www.cogelme.com



/ Debut for Atlas 340LCi tracked scrap handler

TDL, the distributor for Atlas and Terex, has unveiled the Atlas 340LCi - a 42-tonne-class materials handler combining the upper structure of the Atlas 350MH materials handler with the tracked undercarriage from its 340LC excavator.

The new machine is said to offer significant operational and financial benefits, including a very large working envelope, exceptional stability, low ground-bearing pressure and excellent manoeuvrability. Its compact 3.2-metre-wide by 4.8-metre footprint is said to compare favourably with the 4.5 metres by 5.5 metres needed to deploy the outriggers on a wheeled machine of equivalent size. John Crerar, TDL's Materials Handling Sales Manager, comments: 'The 340LCi represents a big advance in efficiency. There are no stabilisers to deploy and the ground pressure exerted is exceptionally low, thereby minimising any danger of ground collapse.' The 340LCi offers under-grapple heights of almost 15 metres, more than 18 metres of outreach and a lifting capacity approaching 10 tonnes (depending on configuration). Its cab can be hydraulically elevated to raise the operator's eyeline above 4.5 metres and its large panoramic screen has no central partition to obstruct the view. Improved air-conditioning is said to be a potentially major benefit for those working in dusty environments while the air filter is easily accessible from the cab.

A range of boom and stick configurations allow the machine to be tailored to suit individual applications. Its 600 mm-wide tracks boast almost 4 metres of ground contact such that the 340LCi can work safely in conditions that would prevent other machines from being able to operate, it is suggested.

Terex Atlas,
Motherwell, United Kingdom,
Phone: +44 1 698 503 000,
Fax: +44 1 698 456 601,
E-mail: ukconstruction@terex.com
www.terex.com

Recycling International