



AUTOMATIC LIGHT METAL BALER

Efficient compression of sheet metal
such as UBC cans and edge trims



An indispensable machine at MRF / Waste management plant

The ANIS Small Format Can Baler is a front-door-working fully automatic can crusher with changeable wear plates made of HARDOX material. An optimally designed press-ram guarantee trouble-free continuous operation and provides a cost-effective solution for pressing tin UBC/Steel cans. Thus, it reduces landfill costs, minimises transport and storage costs and the baled product can be sold.

The advantage of this small format can baler lies in its compact frame construction which allows it to easily fit into the cramped spaces that are often available in such sorting centres.



Special features:

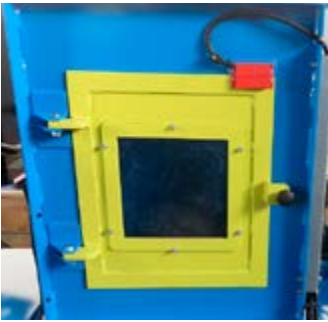
- Developed to achieve the optimal ratio "hourly performance / energy consumption/ packet density", always with the aim of reducing operating costs
- Solid material compaction (no need for bale ties)
- Feed hopper, designed to suit the application, whether bulk loaded or integrated with conveyor, tipping device or air transport system
- easy handling
- The very compact construction of the baler results in a significant space reduction
- optional tipping device for additional logistics optimization
- enclosed construction provides maximum level of safety
- fully automatic running and fast, simple pressing
- wear resistant and nearly maintenance free
- Increased lifetime and durability due to changeable wear plates made of HARDOX. The bolted fixing ensures easy and quick replacement
- The compaction process with high-specific pressing force results in special high bale density
- The new Touch Panel facilitates the operation of the machine through recipe management and a comprehensive display of data
- Machines are available with feeding hopper and power unit tailored to suit individual customer requirements

Special purpose:

- MRF plants for processing tin can fractions from their sorting lines
- Automobile or other stamping plants
- Tin and aluminium packaging companies
- Metal processing plants for ferrous and non-ferrous material as well as for aluminium edge trim and foil, tin UBC/steel cans and smaller metal containers

The final product is a small and very dense bale with sizes 40 × 40 × var. (10-30) cm suitable for direct use by foundries and steel mills.

Main Features



FEEDING HOPPER

- with lateral secured (Polycarbonat)-glass door
- Compact hydraulic baler with energy efficient and noise-optimised main drive depending on demand.

POWER PACK

Compact hydraulic baler with energy efficient and noise-optimised main drive depending on requirements. Power pack is fully integrated into the baler frame. If there is no material for baling, motor stops waiting for feed.



SHEAR BLADES

- Highest load material in hopper is sheared by a replaceable blade.
- Multiple blade segments designed to:
 - turn cutting edges two times
 - quick and easy replacement



PRESSING CHAMBER

- covered in replaceable highly resistant bolted wear plates HARDOX for highly stressed areas.
- Double-walled design of pressing chamber and pressing channel ensures easy maintenance and replacement.
- Due to the long press ram there is no need for lateral bolted guiding rails inside the press-box which results in cheaper frame design.

OPERATIONAL PANEL

- Equipped with push-buttons for simple manual control of the compactors.

SLIDING PRESS RAM

- Full wear protection with bolted wear plates.
- Solid press carriage guidance with easy maintenance access
- Optimal self-cleaning of the sliding track.
- Individually arranged movable rail cleaners.

DOOR BULKHEAD

- Guiding's totally encased
- Safety slide for packages with self- cleaning front door.
- One powerful front door cylinder in space saving design

BALE LENGTH

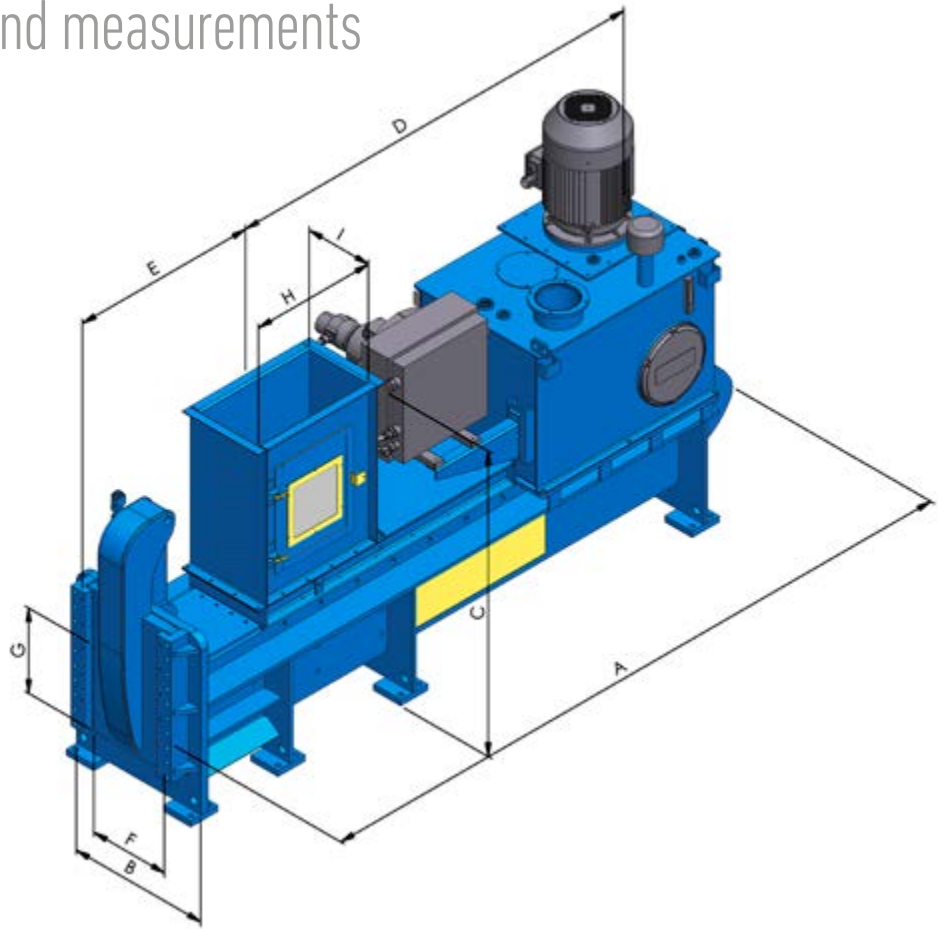
Adjustable according to the number of press strokes.



QUALITY BALES

- heavy, well-shaped and stackable bales
- reduces the storage and transport volume of sheet materials and
- optimally prepares for further processing measures such as melting in furnaces.

Technical data and measurements



AUTOMATIC LIGHT METAL BALER		ATS 40-40
Pressing Force	t (kN)	58 (572)
Spec. Pressure Force	N/cm ²	357
Bale size W × H × L	cm	40 × 40 × (10-30)
Hopper opening (L × W)	cm	65 × 37
EM Driving Power	kW	22
Press Cycle Time - No Charge	sec	13,7
Capacity under load (1-10 strokes) (input density: 80kg/m ³)	m ³ /h	22
Press Capacity (tin cans processing 80kg/m ³)	kg/h	1750
Bale density at tin cans (input density: 80kg/m ³)	kg/m ³	up to 1.200
*Package Weight	kg	40-50
Baler Weight	approx. t	4

DIMENSIONS IN MM	A	B	C	D	E	F	G	H	I
ATS 40-40	3300	700	1500	2350	950	400	400	650	370

*depending on the incoming material and material density
 Technical and design modification reserved!



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All the activities in the company are organised in compliance with the ISO 9001 Quality System

