




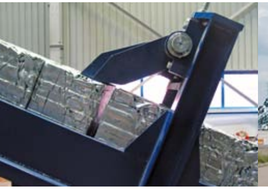


THE DANIELI HENSCHEL SERVICE ADVANTAGE

Only our service centres are qualified and authorised to produce components patented or designed by DANIELI HENSCHEL!

Our experienced, multi-lingual advisers are there to assist you in several countries.

- Versatile on-site service teams to solve all your maintenance problems
- Remote servicing via telediagnosis
- Stock management to supply your replacement parts as quickly as possible
- Contracts of periodic inspections or technical assistance
- Individualised training of your working staff

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PTC 02/2013 - GB

BALING PRESSES
TRIPLE COMPRESSION

DANIELI HENSCHEL

BALING PRESSES

TRIPLE COMPRESSION

PTC RANGE

Thanks to their versatility and their fast compacting of waste, baling presses from the DANIELI HENSCHEL PTC range are particularly suitable for the processing of both ferrous and non-ferrous scrap metal requiring high densification and a high production capacity.

SPECIFIC ADVANTAGES

- Very wide range of shearing ram baling presses to satisfy any customer requirement: production, bale size, etc.
- Machine installation especially well-suited to the industrial environment
- Robust baling presses design for continuous, heavy-duty operation whatever the product to be processed: steel, aluminium, copper, stainless steel, etc.
- Complete turnkey supply of a series of equipment to satisfy customer requirements: automation of an industrial production line upstream and downstream from the press
- Optimisation of bale handling, storage, and transport costs: high densification, uniform volumes (bales of equal length)
- Improved performance of smelting the bales

WORKING PROCESS

- Continuous feeding with a conveyor or a grab
- The starting of the cycle can be controlled by a weighing hopper or a level detector
- Shearing of bulky waste by forward movement of the precompression ram
- Automatic and continuous compacting cycle
- Optimised production and bale densification by adjusting the number of precompressions
- Bale ejection via ramp or conveyors

MAIN SPECIFICATIONS

Loading opening		1400 x 1000 → 5000 mm x 2050 mm
Maximum final compression force (adjustable)		154 → 1270 t
Maximum final pressure on bale (adjustable)		171 → 282 daN/cm²
Total installed power		90 → 360 kW
Bale cross section		300 x 300 → 750 mm x 600 mm
Production capacity	steel/copper	< 56 t/h
	aluminium	< 20 t/h
Bale weight	steel/copper	< 1320 kg
	aluminium	< 460 kg

ERGONOMICS

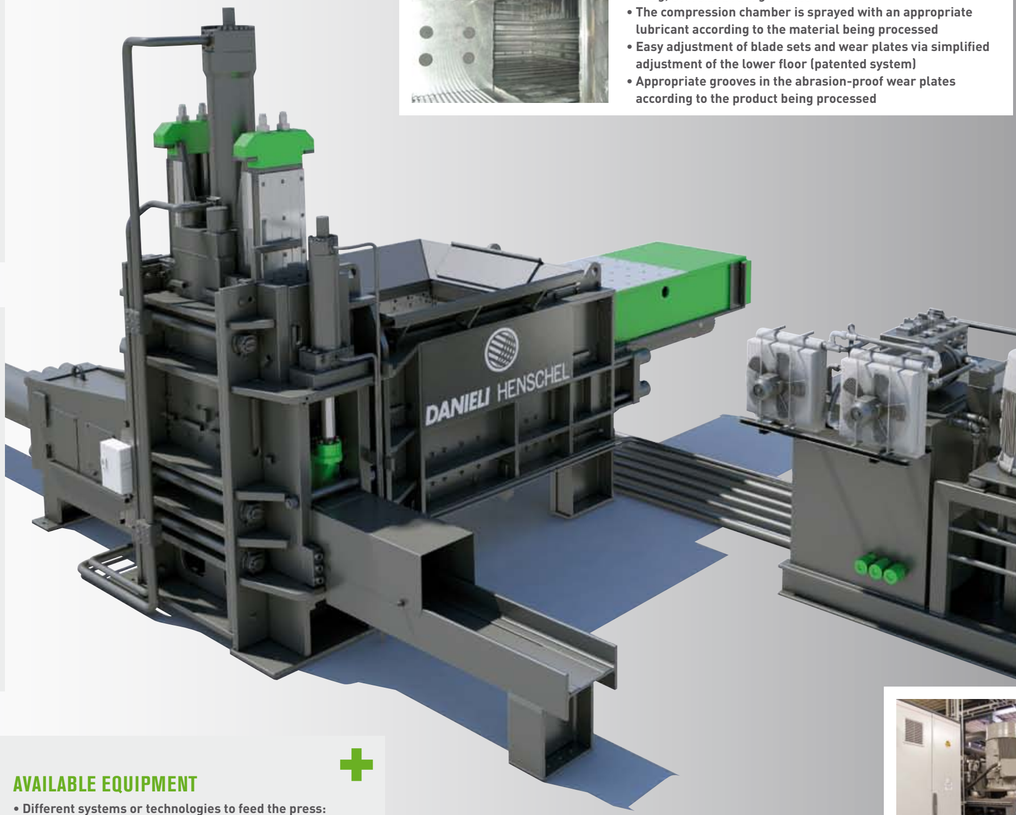
- Easy implementation, suitable for the requirements of an industrial environment
- Continuous automatic operation
- Human/machine interface via touch-screen display

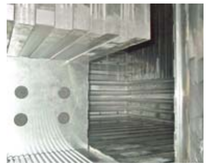
SAFETY

- In compliance with the machine directive 2006/42/EC
- Limitation of bodily risks by protection and covering of risk areas (moving rams)
- Securing of maintenance areas
- Hydraulic hose whiplash protection

AVAILABLE EQUIPMENT

- Different systems or technologies to feed the press: conveyor, fixed or removable hopper, weighing system, loading bucket, etc.
- Different systems or technologies to eject the bales: conveyor, ramp, non-return system, loading platform, automatic or manual bale routing





WORKING LIFE

- Long, oversized ram guidance
- The compression chamber is sprayed with an appropriate lubricant according to the material being processed
- Easy adjustment of blade sets and wear plates via simplified adjustment of the lower floor (patented system)
- Appropriate grooves in the abrasion-proof wear plates according to the product being processed

MAINTENANCE

- Centralised and protected maintenance
- Easily interchangeable wear plates
- Easy ram removal without disassembling the compression cylinders
- Automatic ram lubrication
- GSM modem or telephone line for telediagnosis

HYDRAULIC POWER UNIT

- Electric version compliant with latest European directives
- Industrial hydraulic pumps
- Lower energy costs through controlled use of the hydraulic system

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