



SINGLE OR DOUBLE ACTING BALERS

DANIELI HENSCHEL

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



DANIELI HENSCHEL

FRANCE
BP 9440 - 73094 CHAMBERY
CEDEX - FRANCE
Tél. +33 (0)479 62 26 44
france@danieli-henschel.com

DEUTSCHLAND
Henschelplatz 1
34127 KASSEL - GERMANY
Tel. +49 (0)561/ 801 5816
germany@danieli-henschel.com

РОССИЯ 125284, Г. МОСКВА
Ленинградский проспект
д. 31А, стр.1, 24 этаж
Тел. +7 495 983 00 80
russia@danieli-henschel.com

CHINA 中国
北京, 大兴区亦庄
经济技术开发区景园街8号
电话: +86 (10) 6512 1740
china@danieli-henschel.com

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www.danieli-henschel.com

SINGLE OR DOUBLE ACTING BALERS

PSC/PDC RANGE

Thanks to their versatility and their capacity to compact metallic waste, baling presses from the DANIELI HENSCHEL PSC and PDC ranges are particularly suitable for processing both ferrous and non-ferrous scrap metal, requiring high densification.

SPECIFIC ADVANTAGES

- A very wide range of shearing ram baling presses to satisfy any customer requirement: production, bale size, sizes of the products to be compacted, more compact bales, etc.
- Machine installation particularly well-suited to the industrial environment
- Can be installed without special civil engineering work
- Complete turnkey supply of a series of equipment to satisfy client requirements. Automation of an industrial production line upstream and downstream of the press.
- Optimisation of bale handling, storage and transport costs: high densification, uniform volumes (bales of equal length)
- Improved bale smelting

MAIN SPECIFICATIONS

■ Loading opening		500 x 386 → 1500 mm x 1200 mm
■ Pressure on the metallic waste		45 → 560 daN/cm ²
■ Total installed power		7,5 → 180 kW
■ Hourly production	steel / copper	< 10,7 t/h
	aluminium	< 5,6 t/h
■ Bale size		220 x 220 → 400 mm x 400 mm
■ Bale weight	steel / copper	< 190 kg
	aluminium	< 80 kg

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
- Continuous operating cycle thanks to the shearing of the first compression ram
- Automatic and continuous compacting cycle
- Optimised production and bale densification by adjusting the number of precompressions
- Bale ejection via ramp or conveyors



ERGONOMICS

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



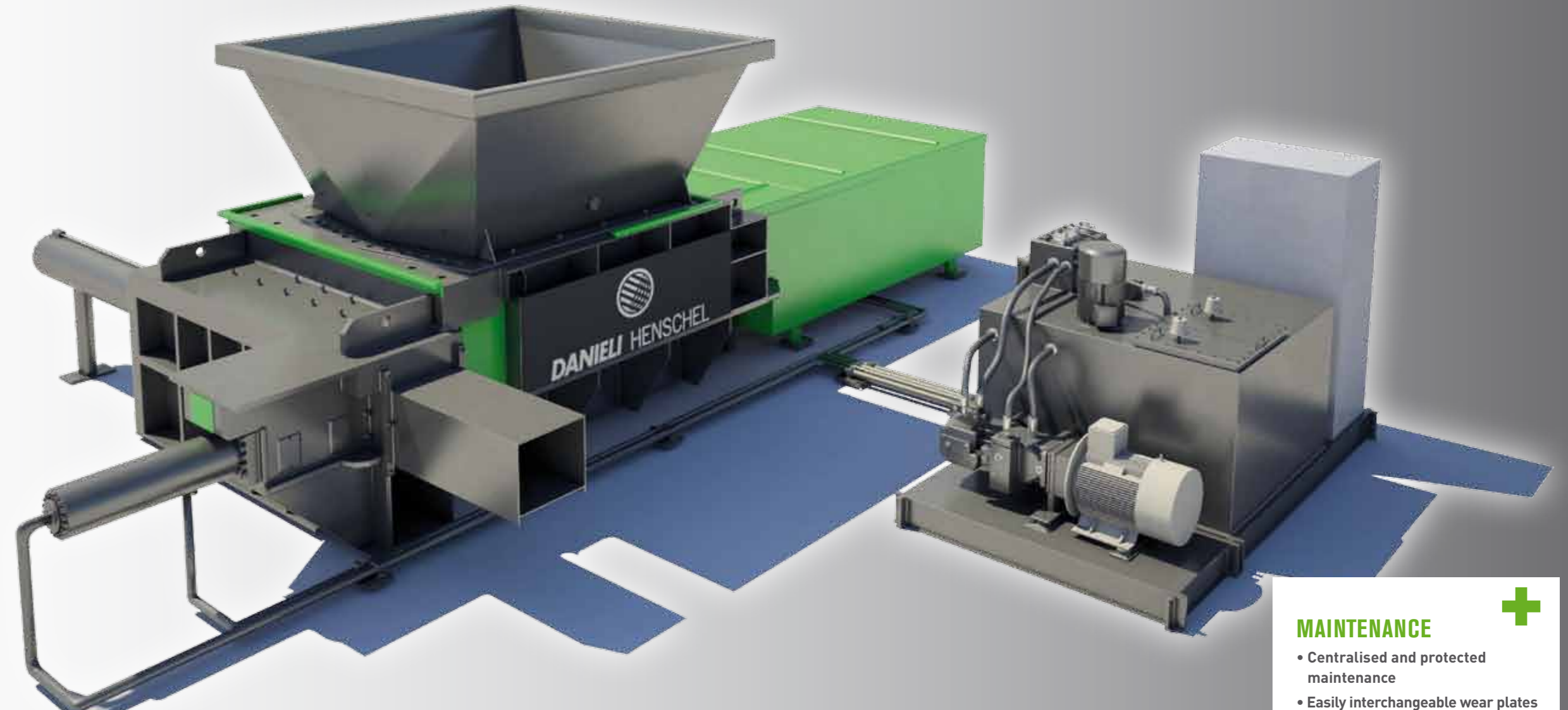
WORKING LIFE

- Long ram guidance
- The compression chamber is sprayed with an appropriate lubricant according to the material being processed
- Appropriate grooves in the abrasion-proof wear plates according to the product being processed



AVAILABLE EQUIPMENT

- Different systems or technologies to feed the press according to customer requirements: conveyor, fixed hopper, bin hoist, with or without a weighing system
- Different systems or technologies to eject the bales: conveyor, ramp, non-return system, loading platform, automatic or manual bale routing



SAFETY

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

MAINTENANCE

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

HYDRAULIC POWER UNIT

- Electric version compliant with latest European directives
- Small volume hydraulic power unit (or integrated into the machine on the smallest models)
- Industrial hydraulic pumps (PDC models only)
- Lower energy costs through controlled use of the hydraulic system