



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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SINGLE OR DOUBLE ACTING BALERS



PSC-PDC 07/2015 - GB

DANIELI HENSCHEL

www.danieli-henschel.com

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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/cm²
■ Total installed power		7,5 → 180 kW
■ Hourly production	steel / copper aluminium	< 10,7 t/h < 5,6 t/h
■ Bale size		220 x 220 → 400 mm x 400 mm
■ Bale weight	steel / copper aluminium	< 190 kg < 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



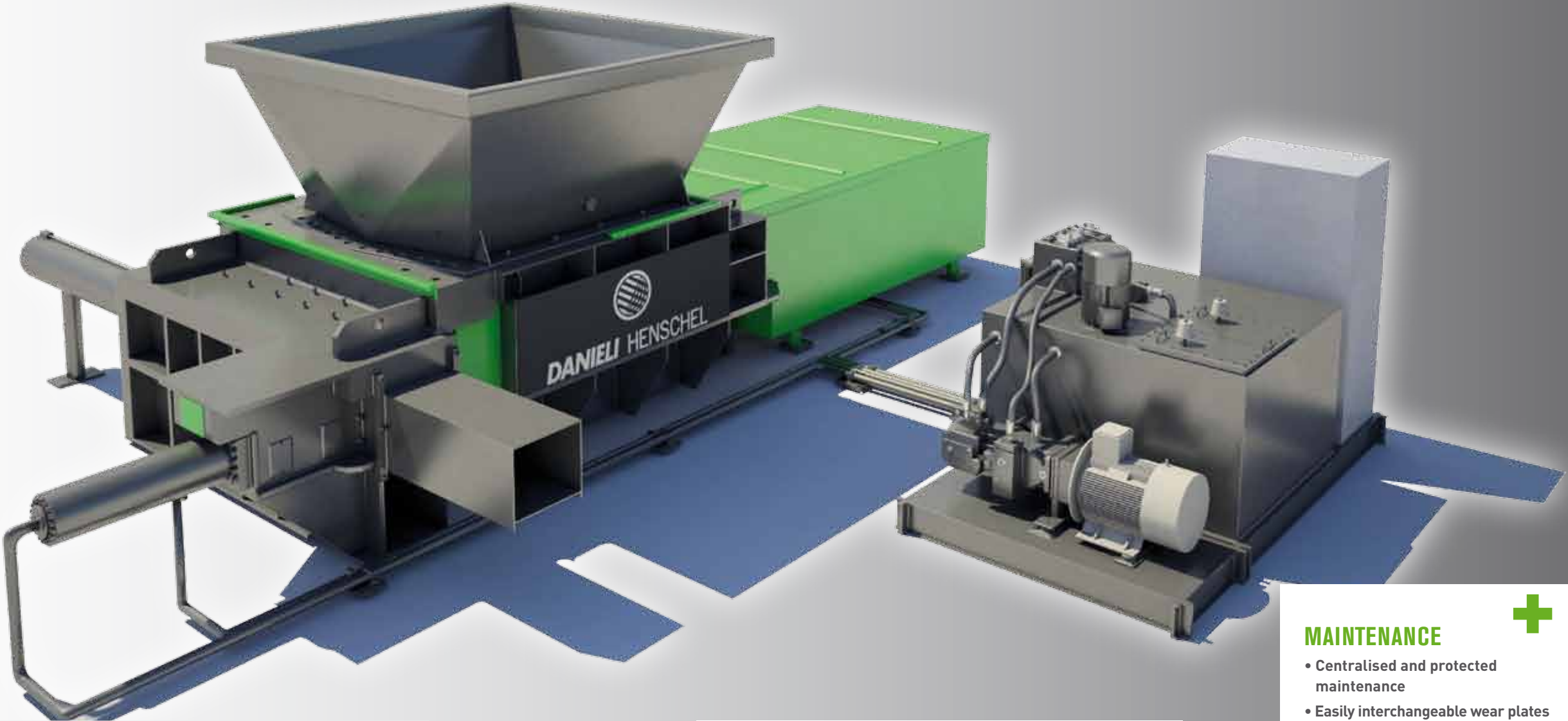
ERGONOMICS

- 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

