

SHEARS WITH AUTOMATIC CONTINUOUS OPERATION

500 → 1100 T

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
 РОССИЯ, Г. МОСКВА,
 Ул. Расковой, д.34, стр.14, офис 603
 Tel. +7 495 287 12 66
 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: +86 186 0119 2703
 china@danieli-henschel.com

CIC 01/2013 - GB



SHEARS WITH AUTOMATIC CONTINUOUS OPERATION

500 → 1100 T

CIC RANGE

Thanks to their continuous and fully automatic functioning, DANIELI HENSCHEL CIC type shears are particularly suited to treat scrap of great length, requiring high densification and production capacity.

SPECIFIC ADVANTAGES

- Stationary and semi mobile machines
- Direct and continuous feeding into an open box with great storage capacity
- Not pre-processing cost of long length scrap thanks to a box with no length limitation
- Time released for the crane driver to manage the scrap yard
- Implementation surface reduced by 40 to 70% compared to other shears categories
- Reduction of the shearing ton cost

WORKING PROCESS

- Continuous automatic shearing operating cycle
- Direct and continuous loading into a vibrating inclined floor box, transporting the scrap towards the shear head
- Compression of scrap for each cycle, by means of two side flippers and a staged clamping ram
- Indexing of the shearing and reducing rams by way of magnetostrictive sensors

MAIN SPECIFICATIONS

■ Shearing force		500 → 1100 t
■ Cutting width		1000 → 1400 mm
■ Cutting length		320 → 860 mm
■ Infeed box dimensions		6900 x 2000 → 11000 x 2400 mm
■ Clamping force		100 → 350 t
■ Flippers force		180 → 540 t
■ Total installed power	diesel	127 kW (170 HP) → 440 kW (590 HP)
	electric	95 → 460 kW
■ Production		< 57 t/h



ERGONOMICS

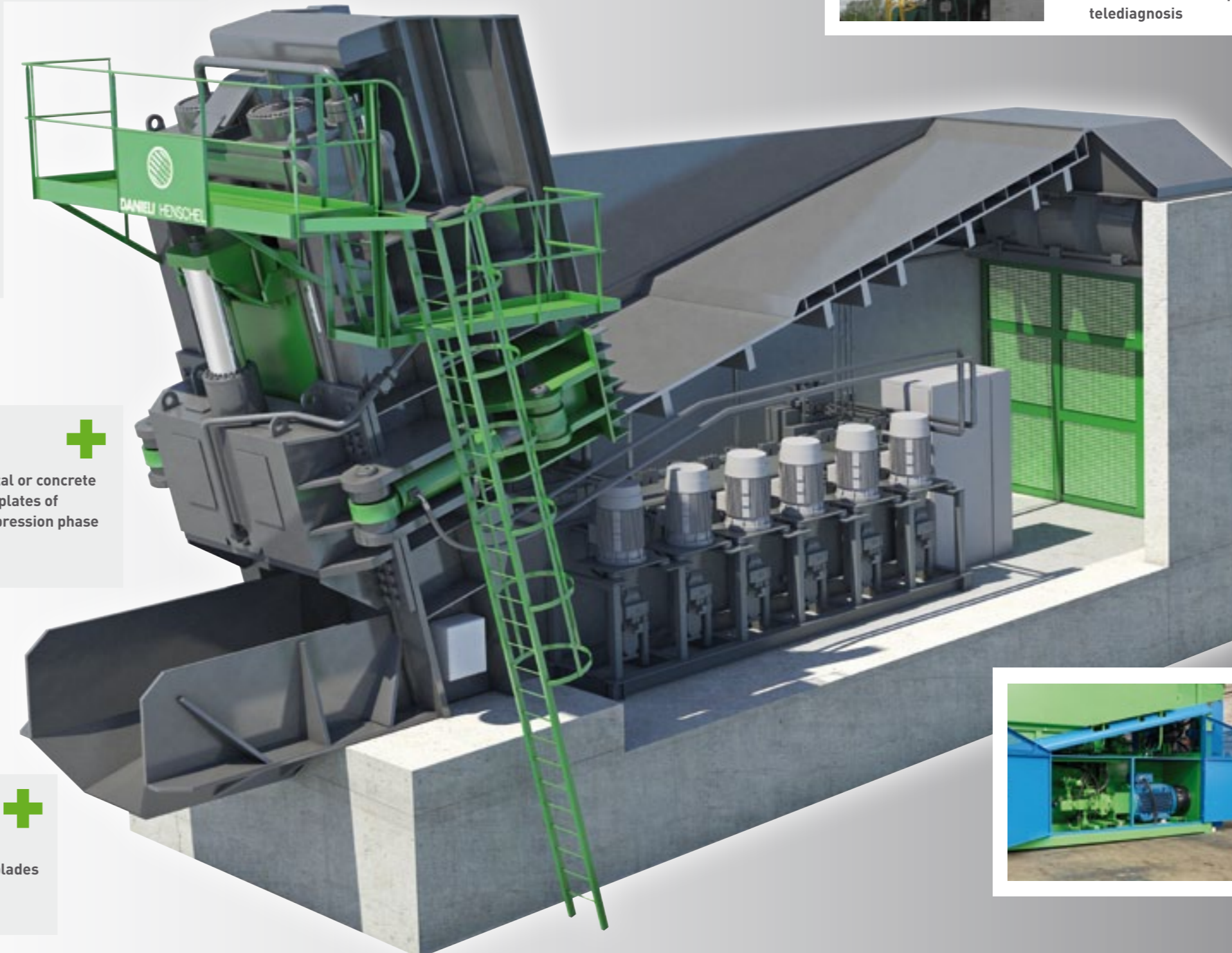
- Open feeding box accessible from both sides of the machine
- Better vibrating floor inclination to allow the housing of scrap of great length (up to 14m)
- Man/machine interface via touch screen display
- Machine feedback on the two-way remote control

WORKING LIFE

- Overall protection of the installation: metal or concrete
- Minimum wear of the abrasion-resistant plates of the box, due to the absence of a pre-compression phase
- Generously sized guiding surfaces
- Metal protection on the clamping ram

AVAILABLE EQUIPMENT

- Retractable cutting stop
- Hydraulic holding system on stationary blades
- Soundproofing of the hydraulic unit
- Swivelling steel plate conveyor



MAINTENANCE

- Centralised and protected maintenance
- Better accessibility thanks to implemented gangways and decks
- Automatic greasing of shear head and box
- GSM modem or telephone line for tediagnosis



SAFETY

- Compliant with Machinery Directive 2006/42/EC
- Safety setting in maintenance areas
- Protection preventing any dangerous oscillation of hydraulic hoses



HYDRAULIC POWER UNIT

- Electric or diesel versions compliant with latest European directives
- Hydraulic unit situated under the feeding box, to gain important floor space
- Industrial hydraulic pumps