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

SHEARS WITH AUTOMATIC CONTINUOUS OPERATION

500 → 1100 T

www.danieli-henschel.com
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CIC RANGE

Thanks to their courteous 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
- No 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 60 to 70% compared to other shears categories
- Reduction of the shearing lost cost

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

ERGONOMICS

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

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

MAINTENANCE

- Centralised and protected maintenance
- Better accessibility thanks to implemented gangways and decks
- Automatic grinding of shear head and box
- GSM modems or telephone line for telediagnosis

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 1200 → 1800 mm
- Infeed box dimensions 8900 x 2000 → 11000 x 2400 mm
- Clamping force 100 → 350 t
- Flippers force 180 → 540 t
- Total installed power diesel/electric 127 kW (170 HP) / 440 kW (590 HP)
- Production < 57 t/h

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