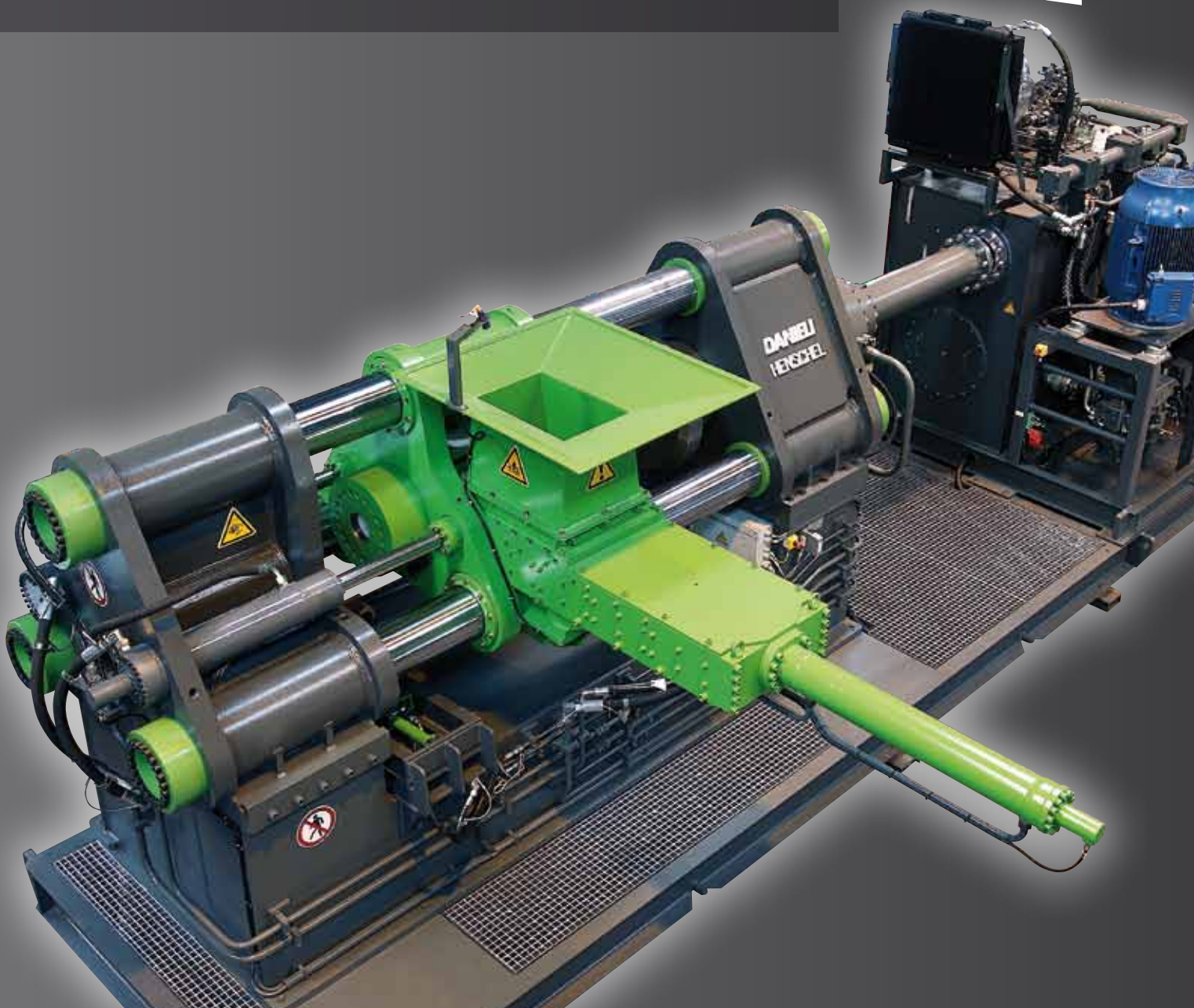
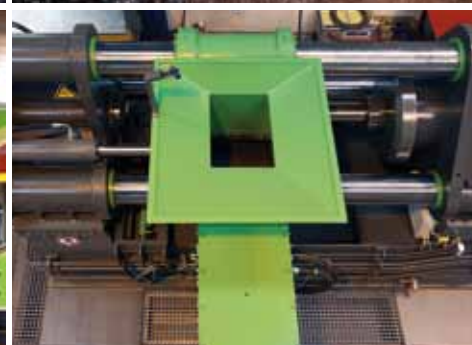


BRIQUETTING PRESSES 2 OR 3 COLUMNS

DANIELI HENSCHEL



www.danieli-henschel.com



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

BRIQUETTING PRESSES 2 OR 3 COLUMNS

PBC RANGE

Because of their versatile and fast waste compaction capabilities, DANIELI HENSCHEL briquetting presses from the PBC range are especially suited for the processing of ferrous or non-ferrous cuttings or shavings, requiring very high densification and a high production capacity.

SPECIFIC ADVANTAGES

- Machine installation especially well-suited to the industrial environment
- Robust briquetting presses designed 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 briquette handling, storage, and transport costs: high densification, uniform volumes (equal briquette size)
- Improved briquette merging performance

WORKING PROCESS

- Continuous feed by conveyor or grab claw
- Automatic positioning of waste in the compression chamber using feed rams
- Automatic, fast, and continuous briquetting cycle
- Optimisation of briquette production and densification by adjustment of the machine parameters
- Evacuation of briquettes on ramp or conveyor

MAIN SPECIFICATIONS

		PBC 120	PBC 160	PBC 200
Number of columns		2	3	3
■ Final pressure on briquette	(daN/cm ²)	2380	2585	2700
■ Total installed power	(kW)	45	185	185
■ Cylindrical briquette dimensions	Diameter (mm)	120	160	200
	Height up to (mm)	80	130	160
■ Production capacity	Steel / Cast iron (up to t/h)	2	5	7,5
	Aluminium (up to t/h)	0,6	2,2	3,5
	Brass / Copper (up to t/h)	2	6	8
■ Briquette density	Steel / Cast iron (up to t/h)	5	5	5
	Aluminium (up to t/h)	2,4	2,4	2,4
	Brass / Copper (up to t/h)	7	7	7



ERGONOMICS

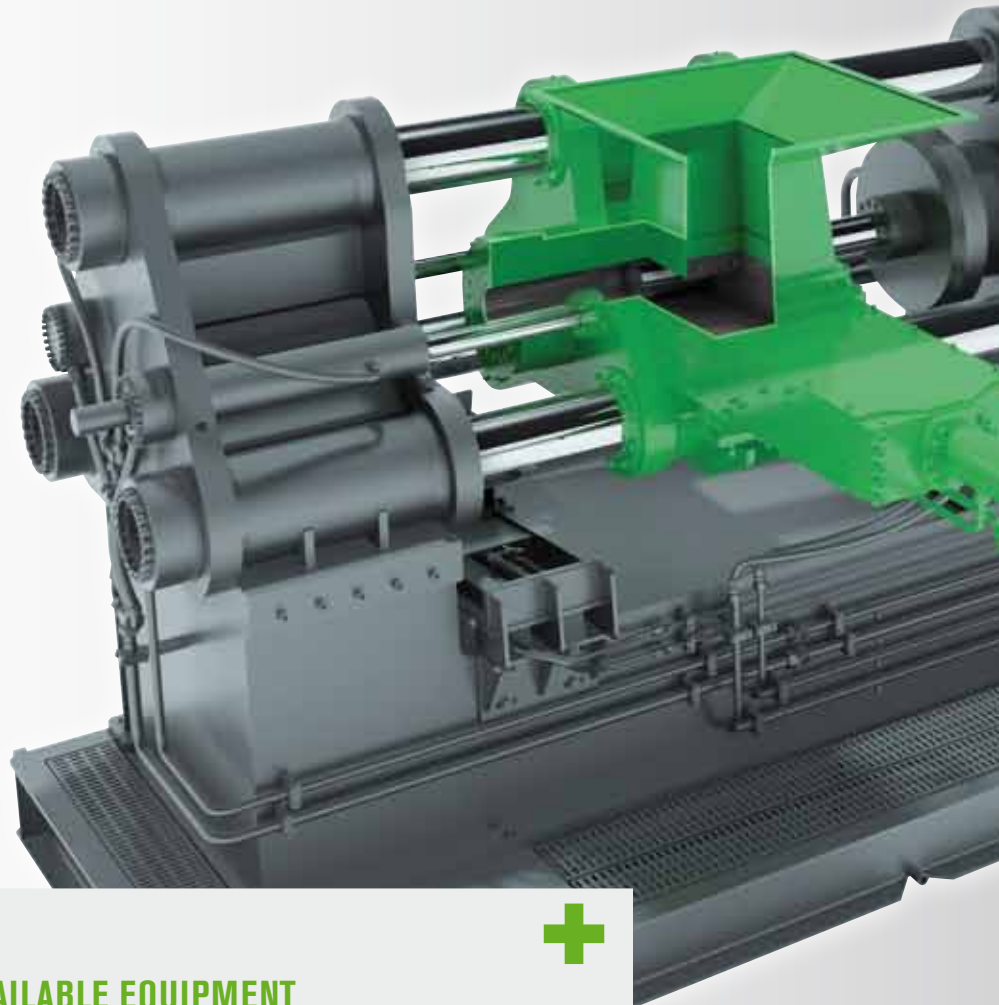
- Easy installation, suited the industrial environment
- Continuous automatic operation
- Touchscreen man/machine interface



WORKING LIFE



- Long, generously sized guide surfaces for the columns
- Extrusion of up to 99% of effluents (water and/or oil) contained in the shaped briquette and recovery of effluents in a large-capacity collection tank.
- Optimisation of loading mode, size, and densification of the briquette by adjustment of the machine parameters.



AVAILABLE EQUIPMENT

- Several pre-briquetting scrap preparation systems or technologies: rotary screen, magnetic separation, storage sieve, weighing system, cutting shredder, centrifuge, vibrating table, etc.
- Several systems or technologies to feed and eject the briquettes: ramp, conveyors, screw conveyors, etc.



MAINTENANCE

- Centralised and protected maintenance
- Easily interchangeable wear plates
- Simplified column tension adjustment to make full use of the main piston's thrusting force
- Centralised greasing of bearings
- GSM or telephone modem for remote diagnosis



SAFETY

- Complies with Machine Directive 2006/42/EC
- Controlled risk of injury thanks to protection and covering of high-risk areas
- Securing of maintenance areas
- Protection anti coups de fouet des flexibles hydrauliques



HYDRAULIC POWER UNIT

- Hydraulic unit mounted on the same chassis as the briquetting press for a simplified and compact installation
- Industrial hydraulic pumps
- Reduced energy cost through controlled use of the hydraulic circuit



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
Тел. +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 (10) 6512 1740
china@danieli-henschel.com