

compacto worldwide



Company

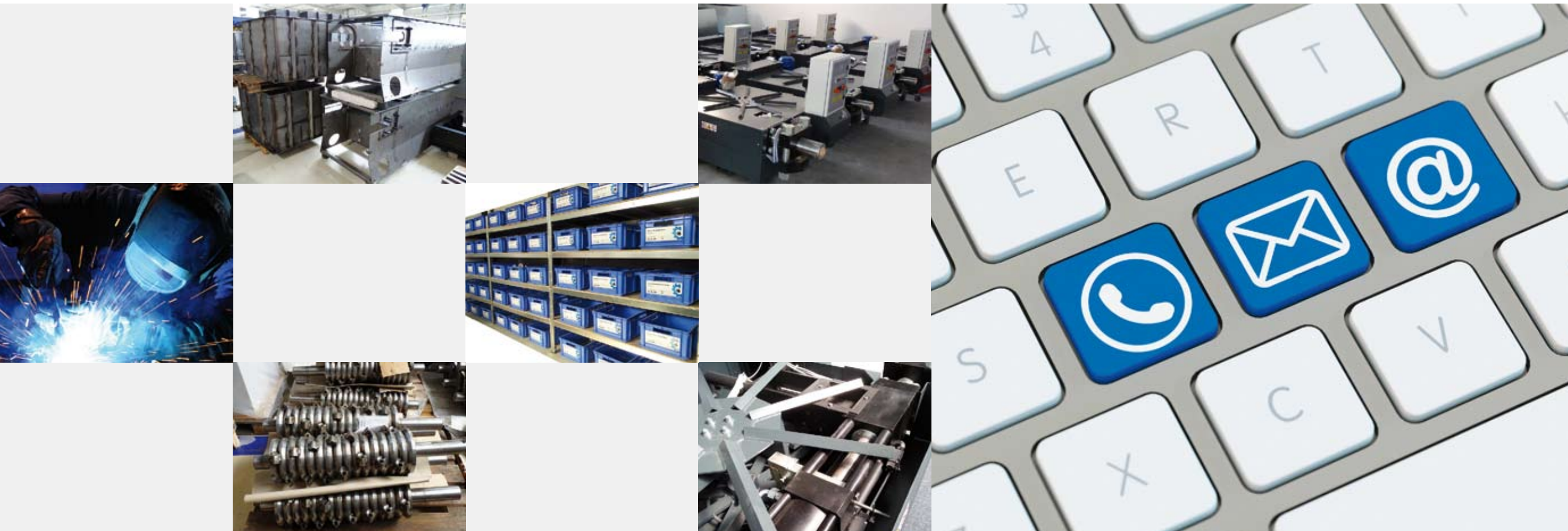
As Swabian machine manufacturer at compacto everything revolves about shredding and briquetting. Since many years, the high-quality machines are built and have been continually improved and refined.

For this very reason compacto cooperates with the universities of Hohenheim and Rottenburg to always keep the machine technology on the cutting edge of research. In addition to always provide the best quality machines, energy efficiency and high safety standards are also part of our mission.

Therefore compacto briquetters are approved by the German Berufsgenossenschaft (Professional Association) and allowed to carry the GS mark.

In order to deliver high quality machines the training of employees is very important to us. In our well-equipped testing and demonstration area the customer's material gets first analyzed, then the machine gets accordingly adjusted to the customer's requirement. All this is to ensure our central goal: customer satisfaction.

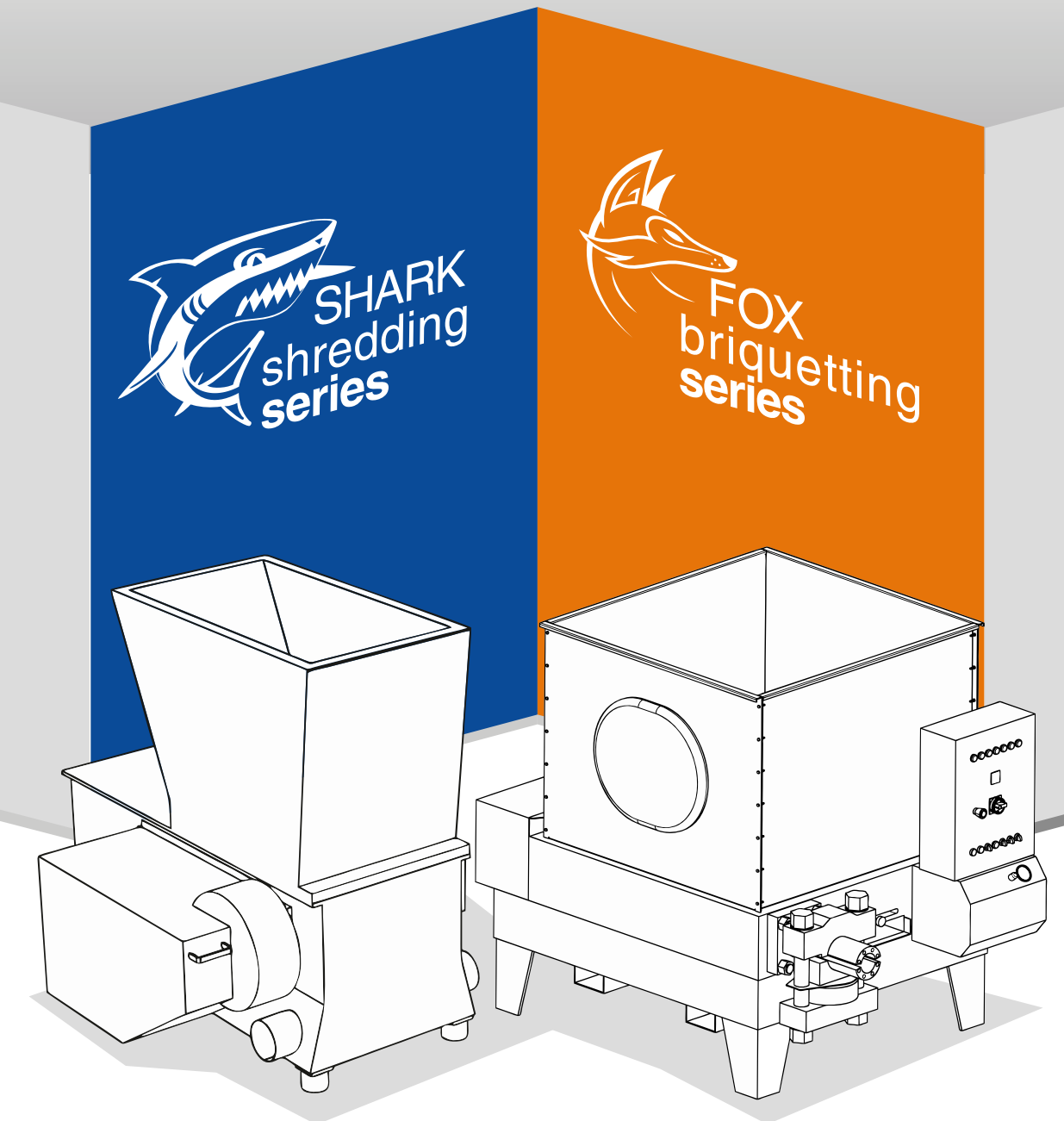
Impressions



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Shredding SHARK series



Aggressive Shredding

The heavy shredders of the SHARK series are able to shred materials like wood, miscanthus, cardboard, paper, plastic, cable and many more. It is our mission to offer the best possible quality and longevity of products. For this very reason compacto machines are manufactured in Germany.

The single shaft shredders will be adapted to the customers material, the required throughput performance and the needed granule size. It is possible to choose from various machine widths, rotor diameters, drive engine variants, screen perforations and hopper sizes.

Function:

The material to be shredded will be filled into the hopper of the SHARK shredder. At the bottom of the hopper runs a hydraulic slider pushing the material against the rotating rotor. The electricity-consumption of the rotor is monitored with a Siemens PLC control system. The slider is clock-controlled and works in connection with the needed electricity-consumption of the rotor, always with the maximum possible pressure.

As a result, the machine always produces the maximum throughput, no matter what material is used. The material is shredded between the cutting tips and the counter knife. Behind the cutting rotor is a screen installed. Once the crushed material fits through the holes of the screen, it falls into the gutter and chips can be removed by suction, conveyor belt or conveyor screw. The machine can be operated in manual or automatic mode. In automatic mode, the machine switches off automatically when no more material is in the hopper.

Benefits:

- Profile Rotor
- Sturdy, edged machine base
- Second row of knives
- Fast hydraulics
- Special hopper for big material
- High performance gear box
- Pulse controlled hydraulic piston
- V-Belt drive
- Turbo coupling starting with a 22 kW engine
- Siemens PLC-Control system
- CE certified



MODEL	HOPPER mm	HOPPER CAPACITY m³	MOTOR kW	DIMENSIONS LxWxH mm	WEIGHT kg	EMISSION dB (K=4dB)
SHARK 53	510 x 810	0,4	15	1750x1100x1640	1000	75
SHARK 63	630 x 810	0,6	18,5-22	1750x1200x1640	1200-1400	75
SHARK 83	830 x 1000	1,0	18,5-37	2290x1420x1750	1500-1700	76
SHARK 103	1030 x 1235	1,5	22-45	2460x1980x1750	2000-3000	76
SHARK 123	1230 x 1235	2,0	22-45	2460x1980x1750	2500-3500	77
SHARK 153	1530 x 1235	2,5	30-75	2460x2100x1750	3000-4000	78



Briquetting FOX series



Clever Briquetting

The high quality FOX briquetting presses are able to briquette materials like wood shavings, sawdust, wood chips or other residual materials into stable, cylindrical briquettes. The material moisture content shouldn't exceed a maximum of 18 % ATRO (bone dry). The granule size has to be smaller then 20 mm.

The FOX briquetting presses can be adapted to customer materials, required throughput performances and individual spatial conditions. It is possible to choose from various cylinder sizes, drive engine variants and silo shapes.

In the material silo of the FOX briquetting presses an agitator is installed. By stirring the material to be pressed, the material will be fed into the pre-compression unit and moved from there with the filling slide into the pressing block. Here the material will be compacted by the plunger of the compression cylinder into a briquette. An optimal pressing result and a minimized wear is achieved by a built-in wear and tear bushing. The material compacted in the crimping pliers forms the necessary back pressure for the subsequent briquette. The crimping pliers are controlled by a pressure switch. The desired compaction pressure is adjustable, varying from 1 to 80 bar. The machine can be operated either in manual or automatic mode. All control and switching valves and the hydraulic motor are arranged in a compact block design. The base of the machine stand is a stable body which also serves as a container for the hydraulic oil. Due to the widespread distribution of the hydraulic oil heating is reduced. For outdoor installations, an optional oil preheating function regulates the necessary viscosity of the hydraulic oil especially suitable for the cold season.

Benefits:

- Energy-efficient operation
- Low wear and tear costs
- Generating a resource from waste
- High volume reduction
- Savings on storage and transport costs
- Profitable selling
- Binding of dust and pollutants
- Reduction in risk of fire and explosions
- GS audited and CE certified



MODEL	THROUGHPUT kg/h	BRIQUET- DIAMETER mm	MOTOR kW	DIMENSIONS LxWxH mm	WEIGHT kg	EMISSION dB (K=4dB)
FOX 50	30-60	50	5,5	1680x1100x1500	680	72
FOX 60	35-80	60	5,5	1680x1100x1500	700	73
FOX 65	40-110	65	5,5	1925x1100x1500	800	73
FOX 70	100-180	70	9,2	2095x1300x1700	1200	74
FOX 80	120-280	80	9,2	2095x1300x1700	1250	74
FOX 90	140-360	90	9,2	2095x1300x1700	1300	75

High quality wear parts

In addition to the production of high quality machines, the fast delivery of highly wear resistant spare parts is an important quality issue. Both the briquetting and shredding machines are designed so that the most important wear parts can be replaced easily and inexpensively. In our large warehouse all common spare parts are in stock.

compacto is specialized in the manufacturing of cutters for classic single shaft shredders. compacto blades are characterized by a special manufacturing process in an electronically controlled special hardening plant.

Benefits:

- Risk reduction of breakages by using special material and adaptation of the hardness level to the customer's material
- Longer lifetime due to optimized hardness of 52-59 HRC
- For shredding materials with metal content a lower hardness level is used
- Perfect fit due to machine processing
- Short delivery times due to high stock levels
- Highest quality at a fair price

The wear of the briquetting presses occurs in the components that directly get into contact with the material. These include the front bush, the press ram, the rear bush and the crimping pliers. The less metal and mineral impurities inside the material, the longer the lifetime of the wear parts.

