



Grinding and briquetting technology

Single shaft grinder Series GAZ 82, GAZ 82 S

The flexible and powerful grinders
for universal deployment.



GAZ 82, GAZ 82 S – the universally deployable single shaft grinders



GAZ 82 S special construction with swivelling screen basket

The slow turning single shaft grinders GAZ 82 and GAZ 82 S are specially built to meet the demands of the woodworking industry. It can shred all types of wood waste such as chipings, pallets, particle board etc. The basic models are equipped to customer specific requirements (throughput capacities, hopper and rotor design etc.).



GAZ 82 with a rotor diameter of 252 mm giving it an extremely high intake force.



GAZ 82 S with a large rotor diameter of 368 mm. This allows for a high throughput capacity.



Profile rotor with a diameter of 368 mm and concave knives



Profile rotor with a diameter of 252 mm and flat knives



A clean cut even with solid wood



Shredded wood waste

Application examples



GAZ 82 deployed in furniture manufacture



GAZ 82 with customer specific hopper (sound proofed, double skinned)

Technical details



Motor and fluid coupling



Hydraulics

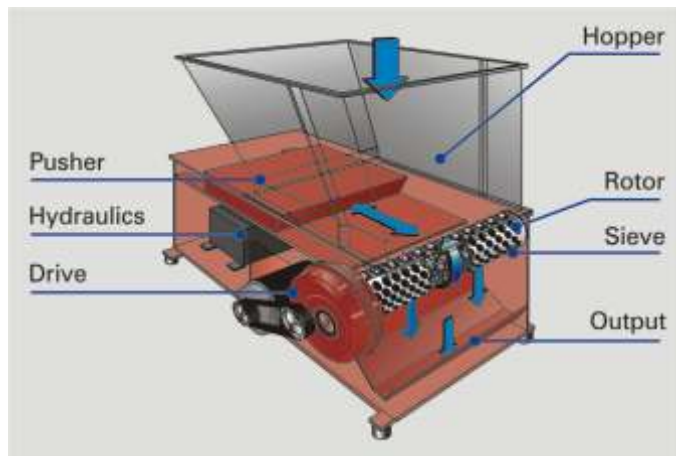


Sieve basket



Control cabinet / PLC controller

Functional description



Material is fed through the hopper in front of a hydraulically operated pusher which pushes the material under load-dependant control onto the revolving rotor.

The material is shredded between the rotor knives and a fixed counterknife. The pusher is fitted with wiper strips which prevent material from entering between the drawer and machine housing. The perforated sieve with varying hole diameters determines the size of the chippings or shavings.

The shavings produced can be removed from the machine by means of a suction device or a screw conveyor. As soon as the material in the hopper has been completely shredded, the machine switches off automatically.



Waste from furniture manufacturing



Hardwood waste

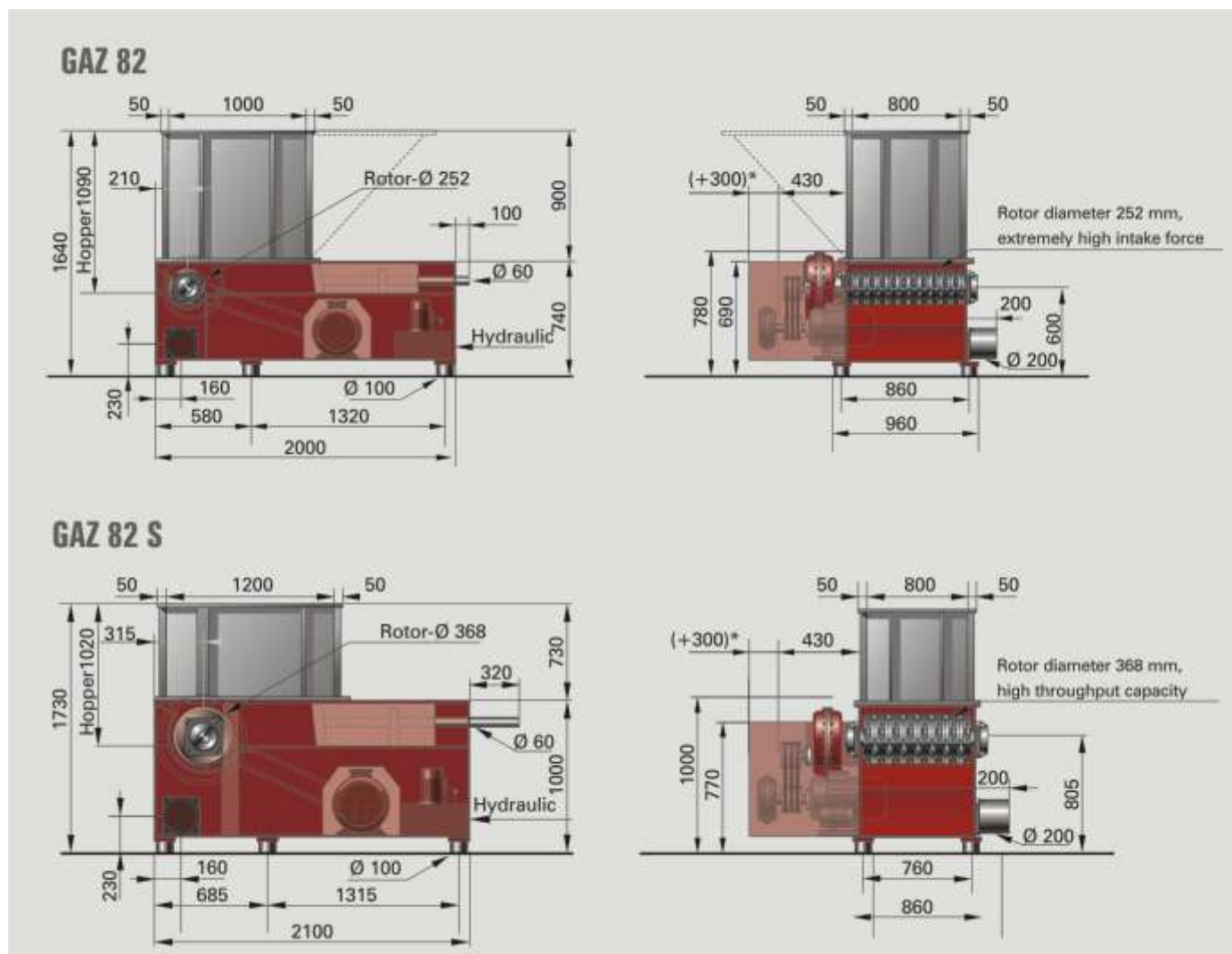


Mixed waste



Broken-down pallets

Technical data



	GAZ 82	GAZ 82 S
Feed opening (mm):	800 x 1.000	800 x 1.200
Hopper capacity (m ³):	0,9	1,0
Throughput:	Material and screen dependent	Material and screen dependent
Rotor diameter (mm):	252	368
Rotor length (mm):	800	800
Rotor speed (rpm):	60 - 100	60 - 100
Power consumption (kW):	15 / 18,5 / 22*	18,5 / 22* / 30 / 37
Tools:	21 knives	23/42 knives
Sieve perforation (mm):	10 - 40	10 - 40
Suction connection Ø (mm):	200	200
Air velocity (m/sec.):	28	28
Weight (approximately, in kg):	ca. 1.500	ca. 2.000

* start-up fluid coupling can be supplied from 22 kW. PLC controller for fully automatic operation is available if required, special designs on request.

Demonstrations and trials with your material may be coordinated with our technical staff.