



Grinding and briquetting technology

GAZ Series:

GAZ 102

GAZ 122

GAZ 142

GAZ 152

GAZ 182

GAZ 202

GAZ 252

GAZ single-shaft shredder

Shredding technology

for professionals



GAZ single-shaft shredder



Two-step shredding single-shaft shredder GAZ 252 Herkules I, combined with GNZ mill

GAZ 102 – GAZ 252 – the single-shaft shredders with the highest performance

The GAZ 102 – GAZ 252 series was designed for shredding of large material quantities. The single-shaft shredders are suitable for shredding all types of woods, and hard and tough plastics.

The high-performance motors from 1 x 22 kW to 2 x 90 kW with turbo coupling provide for high throughput.



Transmission and hydro coupling



Hydraulics



Screen



Profile rotor with welded knife carriers

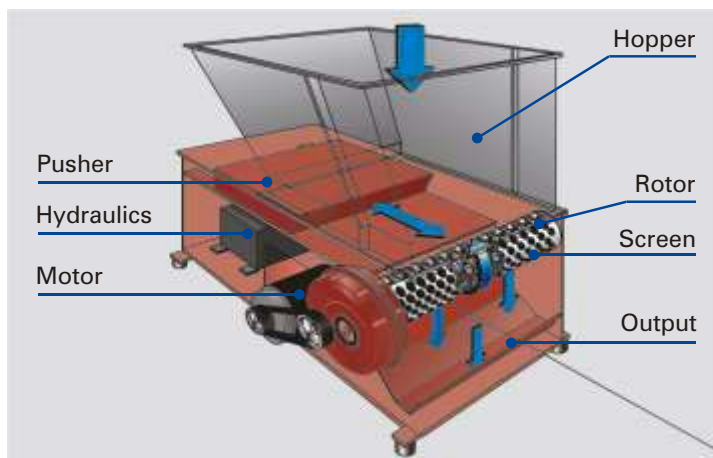


Square knife and concave ground knife



Switching cabinet / SPS control

Functional description



Material is fed through the hopper in front of a hydraulically operated drawer, which pushes the material load-controlled onto the turning rotor. The fed materials are shredded between the rotor knives and a fixed counterknife bar. The drawer has stripping bars that prevent material from entering between the drawer and machine housing. Material can be removed with a spiral conveyor, suction device, or a conveyor belt or chain conveyor. Once the material is shredded, the machine will automatically shut off.



GAZ 122 on mount with extraction



GAZ 202 for pallet shredding



GAZ 102 in pit



GAZ 102 set up below ground, with hopper expansion



Waste from furniture manufacturing



Hardwood waste



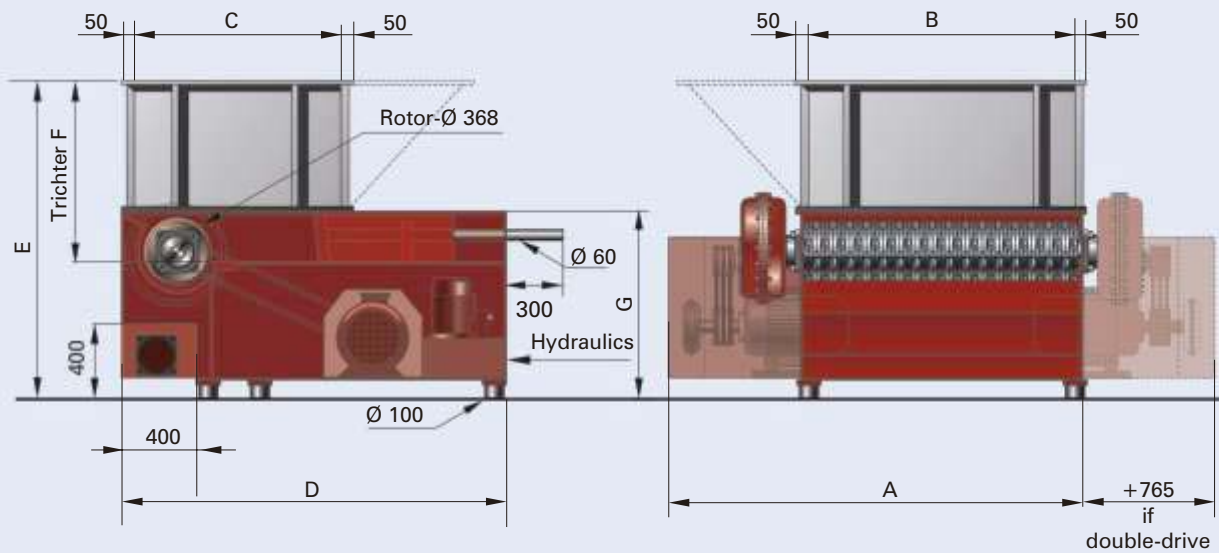
Mixed waste



Broken-down pallets

Technical data

GAZ 102 - GAZ 252



	GAZ 102	GAZ 122	GAZ 142	GAZ 152	GAZ 182	GAZ 202	GAZ 252
Dimension A (mm)	1.800	2.000	2.300	2.300	2.600	3.000	3.300
Dimension B (mm)	1.000	1.200	1.500	1.500	1.800	2.000	2.500
Dimension C (mm)	1.200	1.200	1.200	1.500	1.500	1.500	1.500
Dimension D (mm)	2.100	2.100	2.100	2.700	2.700	2.700	2.700
Dimension E (mm)	1.720	1.720	1.720	1.720	1.900	1.900	1.900
Dimension F (mm)	1.030	1.030	1.030	1.030	1.030	1.030	1.030
Dimension G (mm)	990	990	990	990	1.200	1.200	1.200
Feed opening (mm):	1.000 x 1.200	1.200 x 1.200	1.500 x 1.200	1.500 x 1.500	1.800 x 1.500	2.000 x 1.500	2.500 x 1.500
Hopper capacity (m ³):	1,3	1,5	1,9	2,3	2,8	3,0	3,8
Throughput (kg/h)	Depends on material composition and diameter of holes in the screen						
Rotor diameter (mm):	368	368	368	368	368	368	368
Rotor speed (rpm):	60 -120	60 -120	60 -120	60 -120	60 -120	60 -120	60 -120
Power (kW):	22/30/37/45	22/30/37/45	30/37/45/55	30/37/45/55	45/55/75 2x55	55/75/90 2x55	75/90 2x55/2x75
Tools (quantity):	28/52	34/64	43/82	43/82	52/100	58/112	73/142
Screen perforation (mm):	10 -100	10 -100	10 -100	10 -100	10 -100	10 -100	10 -100
Suction piece Ø (mm):	200	200	250	250	250	250	250
Weight (approx. in kg):	2.800	3.200	4.000	4.500	5.800	6.500	8.500

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