

GROSS



Disposal of shavings with high pressure

**Briquetting Presses
Series GP 80 - GP 400 S**



Grinding and briquetting technology

Briquetting presses GP 80 - GP 400 S

GP series briquetting presses are especially robust and handle all briquetting materials such as wood shavings, wood chips, paper, different types of cardboard, Styrofoam, straw, hay and many other homogenous materials.

They are easy to maintain, convincing due to low operating cost, and can compress a great variety of materials.

Therefore, the GP series is the first choice for the wood processing industry.



Right- and lefthand design
Right- and left orientateal execution



GP-press under dust collector



Press with transport tube and bag filler rotor

Features



Strand length monitor attachment for automatic briquet length regulation



PLC controls / control cabinet



The PLC controls ensure user friendly, fully automatic operation
Option: with info display



Solid Valve and Pump technology



Strong pressing operation by amply dimensioned cylinder



The sturdy agitator, worm-supercharger

Functional description and Overview

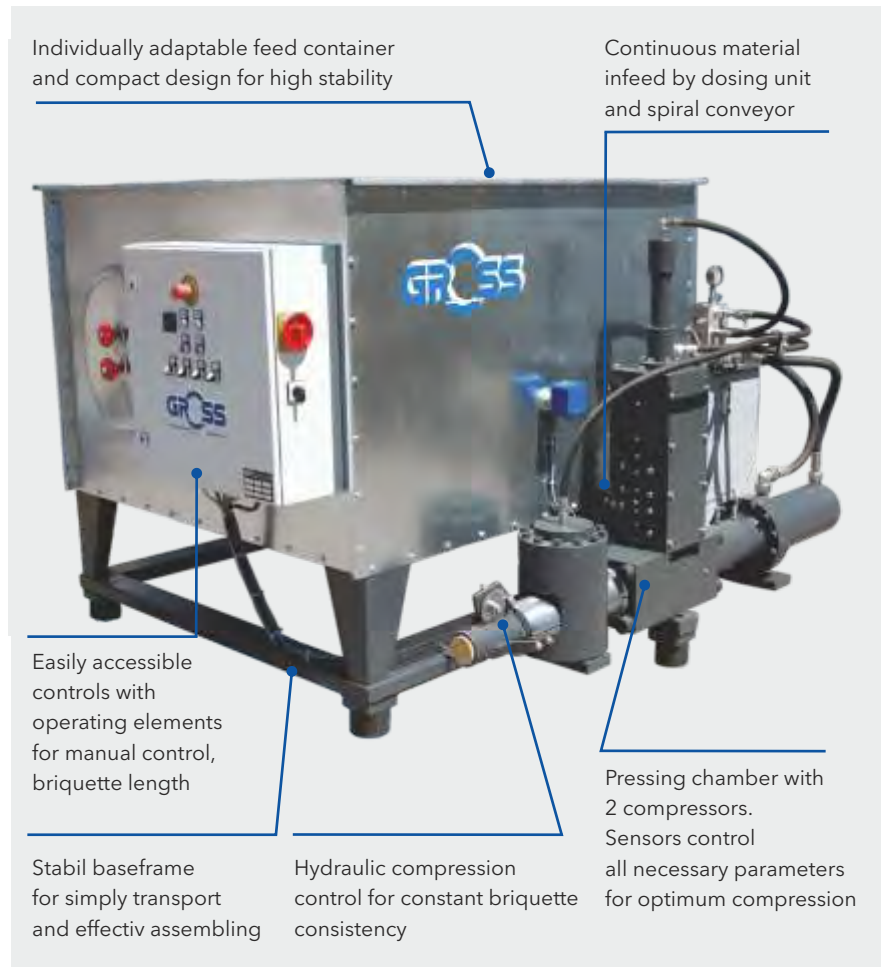
The material to be processed is fed into the container either manually or by way of a filter or conveyor belt.

The permanent mixer and a separately controlled discharge screw-transport feed the material into the press chamber. The material is prepressed and then compressed in the main pressing procedure without the aid of binding materials.

The maximum material moisture level does not exceed 18 %. The output, depending on the machine can be up to 450 kg/h.

Briquettes with a diameter of 50 mm, 60 mm, 70 mm or 80 mm are produced.

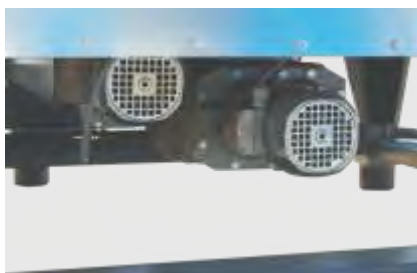
The driving force of the briquette press is an electric motor with a driving power of 7,5 kw up to 22 kw.



Features



Option: The fill level indicator



Two high-powered motors drive the screw compressor and the supercharges unit



Hardened, replaceable mechanic channel bushings



Oil temperature measurement unit
Option: oil deficiency switch

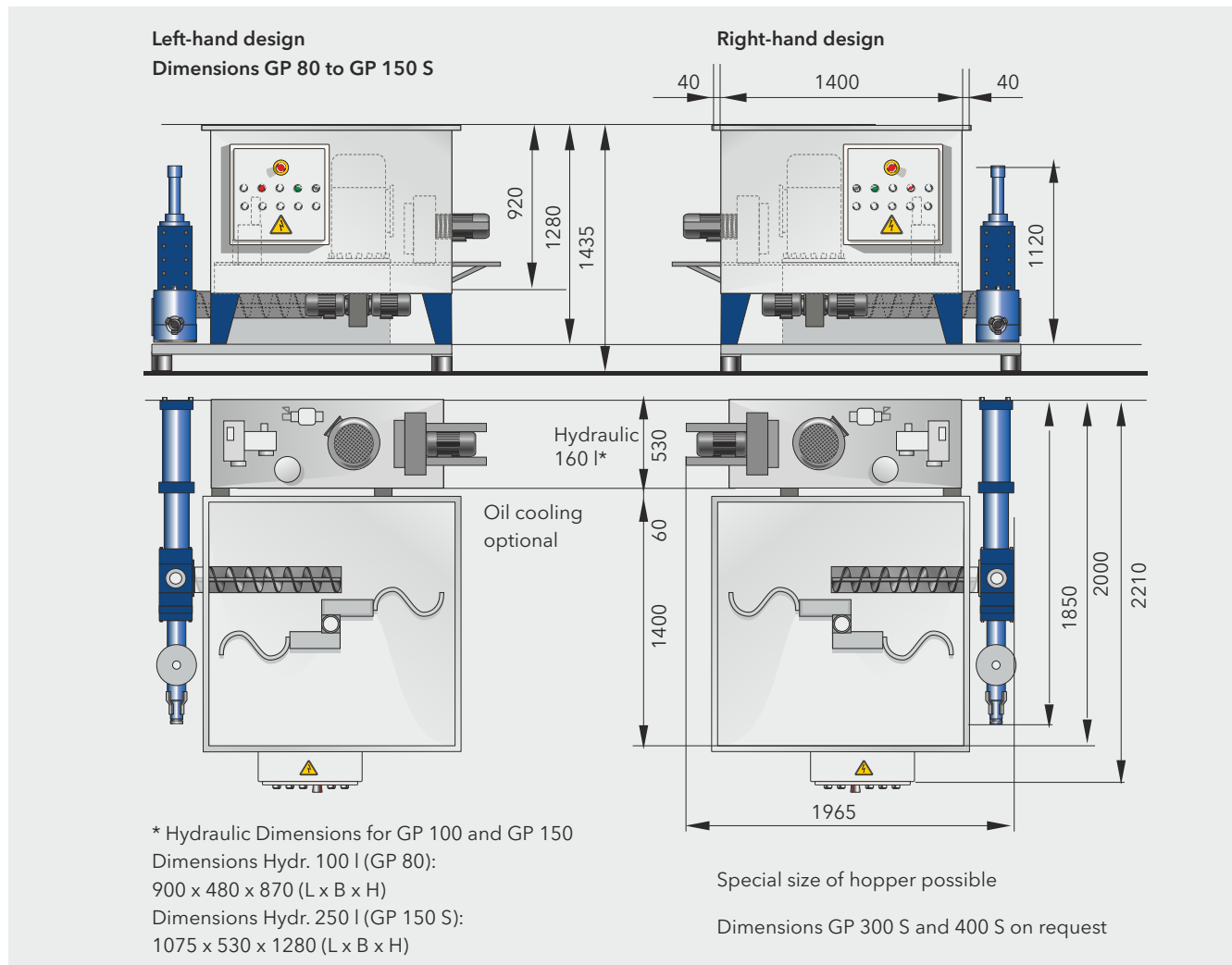


Option: Oil cooling system for the hydraulic unit



Option: cooling system for the presstong

Technical Data GP 80 - GP 400 S



	GP 80	GP 100	GP 150	GP 200
Briquette diameter (mm):	50	60	70	80
Throughput* (approx. kg/h):	60 - 80	80 - 100	120 - 150	150 - 200
Hydraulic motor (kW):	7,5	7,5	7,5	11
Weight (approx. kg):	870	1.000	1.050	1.200
Oil (Ltr):	100	160	160	160

	GP 150 S	GP 300 S	GP 400 S
Briquette diameter (mm):	70	80	80
Throughput* (approx. kg/h):	120 - 150	250 - 300	350 - 450
Hydraulic motor (kW):	11	22	22
Weight (approx. kg):	1.200	2.000	2.200
Oil (Ltr):	250	600	600

* The throughput rate depends on materials being processed.

- S-Series with higher hydraulic capacity for special strong pressing.
- All models are fitted with PLC controlled and safety switches for oil temperature.
- The containers are constructed according to customer specifications.
- Demonstrations and tests with your materials are possible in our technical laboratory by prior agreement.



GROSS Apparatebau GmbH
Grinding and briquetting technology
Rentalstraße 8
74360 Ilsfeld (Germany)

Phone: +49-(0) 70 62 - 91660-3
Fax: +49-(0) 70 62 - 91660-40
info@gross-zerkleinerer.de
www.gross-zerkleinerer.de