



Grinding and briquetting technology

GP Series:

GP 60

GP 80

GP 100

GP 150

## Briquetting Presses GP

Disposal of shavings  
with high pressure



# GP briquetting presses



GP 80 Standard

## GP 60 - GP 160 – Disposal of shavings with high pressure

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.



Oil cooling system for the hydraulic unit (optional)



Hydraulic unit



Central lubrication

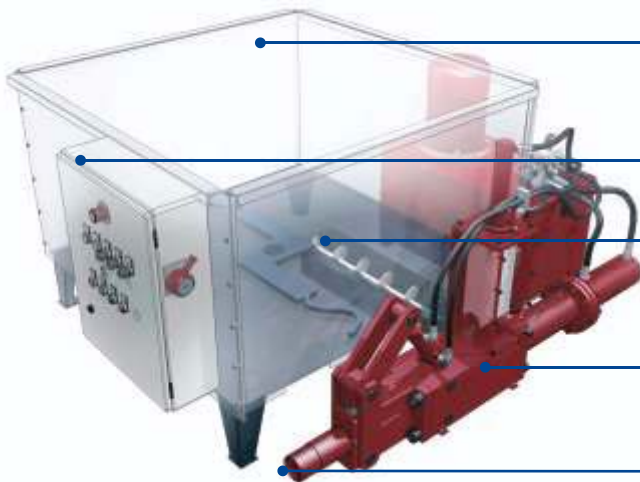


Strand length monitor



PLC controls (Optional)

## Functional description



Individually adaptable feed container and compact design for high stability

Easily accessible controls with operating elements for manual control, briquette length...

Continuous material infeed by dosing unit and spiral conveyor

Pressing chamber with 2 compressors. Sensors control all necessary parameters for optimum compression

Hydraulic compression control for constant briquette consistency even with changes in material

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 350 kg/h. Briquettes with a diameter of 50 mm, 60 mm or 70 mm are produced. The driving force of the briquette press is an electric motor with a driving power of 7,5 kw to 11 kw.



GP 100 with briquette-diameter from 160 mm



Hydraulic- and Pressing unit of the GP-series

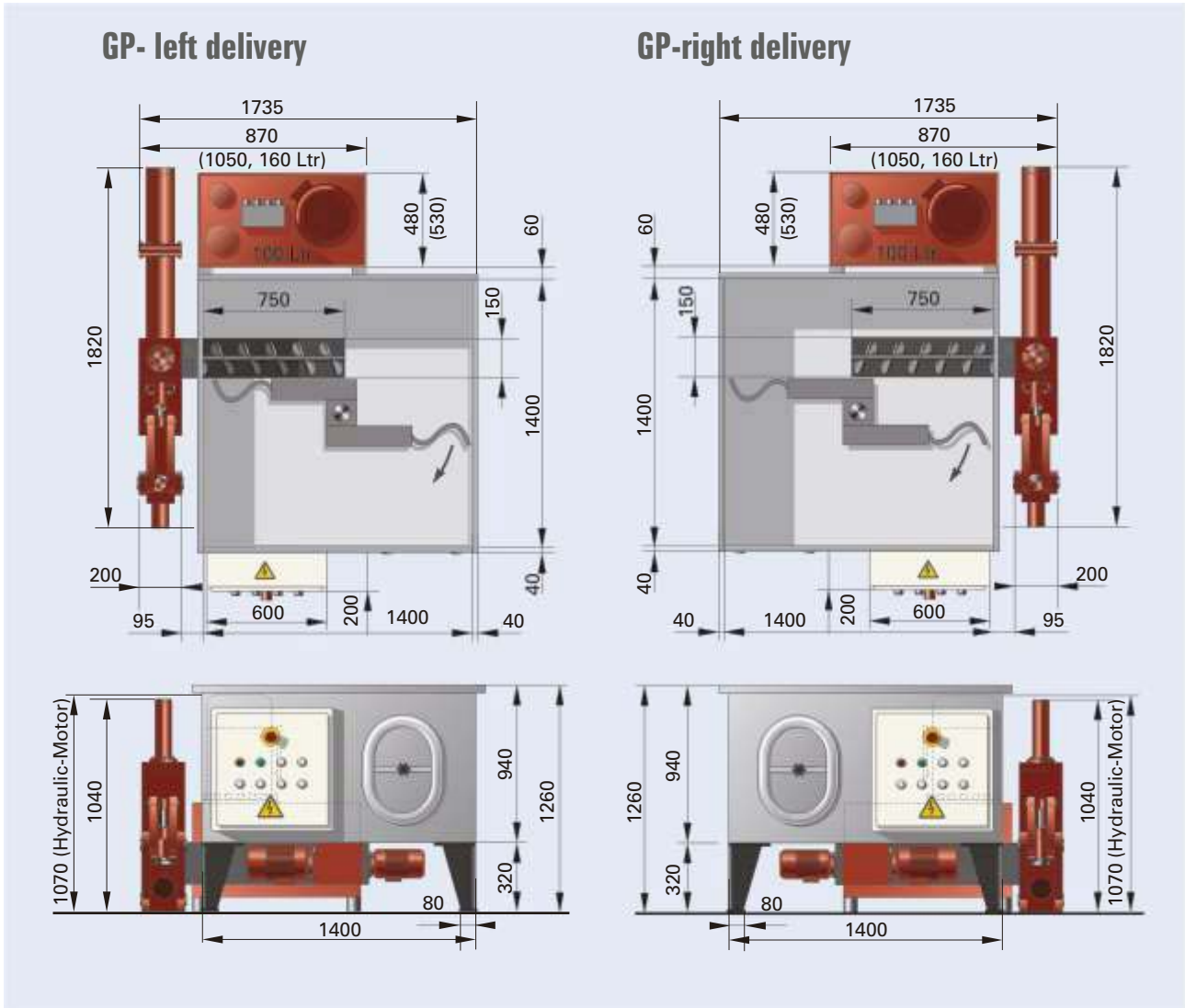


Briquette press GP 150 with two briquetting units for higher output



Suction stations

# Technical Data



	GP 60	GP 80	GP 100	GP 150	
Briquette diameter (mm):	50	50	60	70	Drive output of the worm motor 0.6 kW and permanent agitator 0,5 kW.
Throughput (kg/h):	60 - 80	80 -100	100 - 120	120 - 160	
Hydraulic motor (kW):	7,5	7,5	7,5	7,5	
Weight (approx. kg):	820	870	1.000	1.050	
Oil (Ltr):	100	100	160	160	

The containers are constructed according to customer specifications. All models are fitted with safety switches for oil temperature. The throughput rate depends on materials being processed.

SPC for fully automatic operation (optional extra). Special designs on request. Demonstrations and tests with your materials are possible in our technical laboratory by prior agreement.



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