



# Briquetting Press Type MPP

Throughput: 30 - 550 kg/h

- QUALITY FEATURES** 
- Low wear and tear costs
  - Coolable sleeve
  - Energy-efficient operation
  - Option: Endless briquette line



## Characteristics

Waste with a maximum moisture content of 18 % from wood, straw, Miscanthus (Elephant Grass), paper, cardboard, containers, plastics and textile fibres can be converted into briquettes with the mütek MPP briquetting presses.

The pressing works by means of hydraulic pressure without adding any additives or glue. Depending on the size and type of material, briquetting can reduce the volume of the basic raw material by up to 90 %. The volume of a standard hopper is about 1.0 m<sup>3</sup>. mütek also offers large volume hoppers, as well as special tanks combinable with a dust extraction system and filter plant.

The MPP series is specified for the production of briquettes from homogenous material. Depending on the type of machine, the briquette length is 40 to 100 mm. Using a convenient material, it is also possible to produce 200-300mm long briquettes.

Shavings are fed in the hopper, where it is dosed and supplied by an integrated agitator into the pre-compression cavity. In this cavity runs a hydraulic piston, which pre-compresses the material and feeds the main cylinder. The hydraulic piston presses the material into the closed sleeve until the adjusted pressure is reached (which is usually set up to 80 bars). Then the sleeve opens and finally a stabile briquette is produced. The more homogeneous the material, the more uniform results the length of the produced briquettes.

### Benefits of Briquetting:

- Generating resource from waste
- Briquetting reduces waste volumes by up to 90 %
- Savings on storage and transport costs
- Reduction of waste disposal costs
- Profitable selling
- Reduction in the danger of fires and explosion by means of reducing dust emissions
- 2,1 kg briquettes correspond the heating value of 1 liter oil



## Technical Data

MODEL	THROUGHPUT kg/h	BRIQUETTE Ø mm	MOTOR kw	DIMENSIONS L x W x H mm	WEIGHT kg
MPP 60	30 - 60	50	5,5	1680 x 1100 x 1500	680
MPP 80	35 - 80	60	5,5	1680 x 1100 x 1500	700
MPP 110	40 - 110	65	5,5	1925 x 1100 x 1500	800
MPP 130	50 - 130	65	7,5	2115 x 1350 x 1700	1000
MPP 180	100 - 180	70	9,2	2095 x 1300 x 1700	1250
MPP 280	120 - 280	80	9,2	2095 x 1300 x 1700	1250
MPP 350	240 - 350	70	27,5	2500 x 1500 x 1730	2200
MPP 450	350 - 450	80	15	2500 x 1500 x 1730	2300
MPP 550	350 - 550	80	27,5	2500 x 1500 x 1730	2400