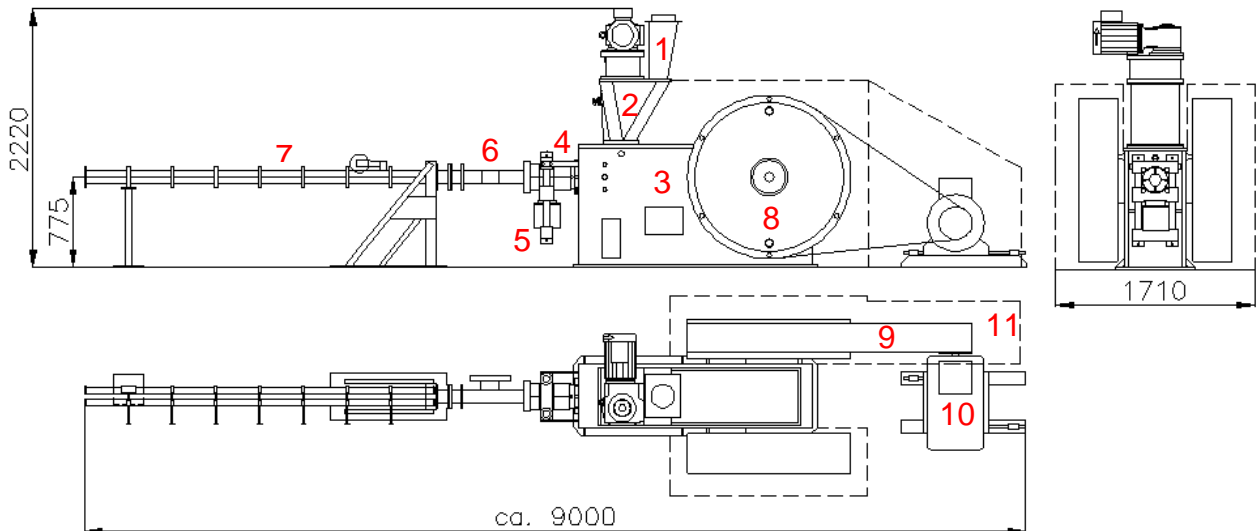
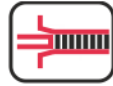


Single head briquetting press I-75-85-90/200



| | | |
|----|---------------------|--|
| 1 | Raw material supply | Connecting tube for raw material feeding |
| 2 | Twin screw feeding | To increase the capacity as well as compression. Special raw material mixing technology in front of the ram. |
| 3 | Frame | High quality welded steel construction, stress-free annealed for heavy-duty continuous operation |
| 3 | Crankshaft | The heart of the machine, forged from special steel with grinded crankshaft pins |
| 3 | Slide | Special graphite cast iron with hand-scraped cross head. The design of the cross head is trapeze-shaped to transmit the forces onto lines for a maintenance-free continuous operation. |
| 3 | Bush bearing | Special bronze for best sliding properties and a long endurance. Crankshaft bearing derived from ship-engine production. |
| 4 | Press head | Made of heavy duty-steel, integrated channel system for heating- and cooling and equipped with press tools existing of 3 pressing steps with a length of 760mm. |
| 5 | Hydraulic | Enables regulating the pressure on the 3 th pressing step during the production to compensate variations within the raw material |
| 6 | Safety flap | Operator protection and production star-up aid |
| 7 | Cooling line | Exact guided conveying of the briquette-string and cooling of it under light pressure. Reduction of the press impulse. |
| 8 | Flywheel | Cast iron Ø 1'400 mm, weight approx. 1'200 kg/flywheel. Total flywheel mass approx. 2'400kg. |
| 9 | Drive belt | Flat belt |
| 10 | Drive motor | Electric motor |
| 11 | Protective coating | Personal protection |



Technical specifications of the press

| | | | |
|--|---------------|------|--------------------------------------|
| Capacity (depending on the raw material) | 1'000 - 1'200 | kg/h | Premium briquettes |
| | - 1'500 | kg/h | Industrial briquettes (Pucks) |
| Weight of the press | 9'000 | kg | |
| Dimension incl. 1. Cooling line section | 9,00 | m | length |
| | 1,80 | m | width |
| | 2,30 | m | height |
| Electrical supply data | 55 | kW | main motor (3x400/230V, 50Hz) |
| | 8 | kW | twin screw feeding |
| | 2 | kW | (heating, etc.) |
| Others | | | compressed air, warm- and cold water |
| Environmental temperature | 10 | °C | not below |

Scope of delivery

- 1 Oil pump for pressure oil lubrication with oil cooler and oil filter
- 1 Electric oil sump heating for a cold start
- 1 Automatic control oil pressure control
- 1 Twin screw feeding device with reduction gear
- 1 Press cylinder
- 1 Hydraulic aggregate
- 1 Hydraulic clamping device for the 3th pressing step with hydraulic cylinder
- 1 Set pressing tools mounted in the machine – Adjusted to costumers raw material
- 1 Set special tools for maintenance
- 1 Safety flap between machine and 1th cooling section
- 1 1th cooling line section of 3m
- 1 Bracket for the 1th cooling line section
- 1 Set fastening material
- 1 Output control system
- 1 Main motor
- 1 Set clamping rail
- 1 Drive pulley
- 1 Flat belt
- 1 Protection coating for flywheel and belt drive
- 1 Metal detector at a production of briquettes with oblong hole
- 1 Electric control panel