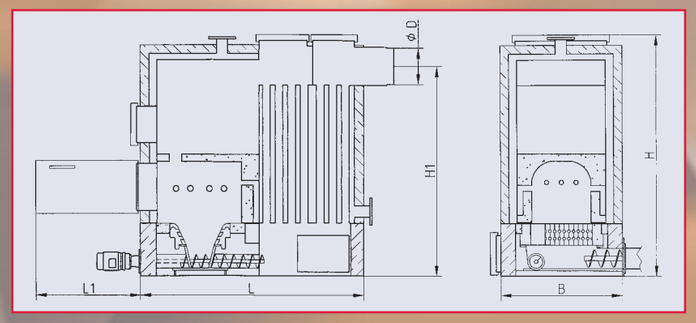
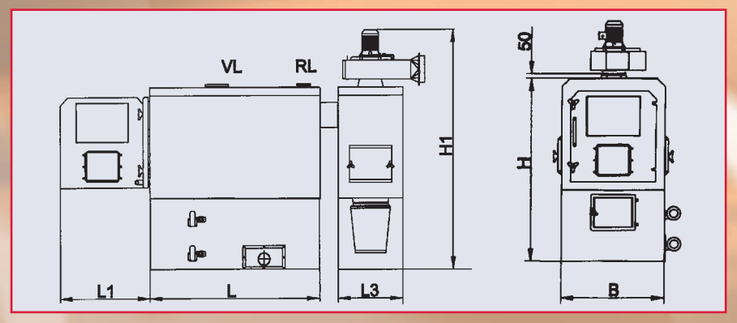
AUTOMATIC UNDERFEED BURNING SYSTEM TYPE USF S 50 - 200 KW

- boiler with vertical smoke pipes
- thickness of the boiler barrel from 6 - 10 mm
- boiler insulated with 100 mm thick mineral wool
- fire trough manufactured with high content chrome grates
- separate regulation of the primary and secondary combustion air
- boiler firebox manufactured with 150 mm high temperature ceramic cement
- automatic ash feeder from the combustion chamber
- multicyclone smoke gas cleaner



AUTOMATIC UNDERFEED BURNING SYSTEM TYPE USF W 200 - 1000 KW

- boiler with horizontal smoke pipes
- thickness of the boiler barrel from 6 - 10 mm
- boiler insulated with 100 mm thick mineral wool
- fire trough manufactured with high content chrome grates
- separate regulation of the primary and secondary combustion air
- boiler firebox manufactured with 150 mm high temperature ceramic cement
- automatic ash feeder from the combustion chamber
- multicyclone smoke gas cleaner



SOLID WOOD BOILER TYPE MV 50 - 200 KW

STORAGE SILOS, BUNKERS AND OUTFEEDER SYSTEMS

- bunker extraction, dia 2 - 6 m, max. height 5 m
- pendulum jointed cross shaft screw conveyor for silo, dia 5 - 7 m, max. height 10 m
- horizontol screw conveyor for silo, dia 6 - 10 m, max. height 20 m
- ramrod extraction systems (moving floor)
- fuel tanks 1 - 5 m3

ELECTRICAL-CONTROL PANEL

The firing process is controlled by a oxygen sensor in the smoke gas flue pipe and a temperature sensor in the fire box. These sensors control inverters that will regulate the boiler capacity from 25 - 100 % infinitely variable.

OPTIONS

- automatic ignition system
- smoke gas re - circulation
- flange for oil - burner
- online visualisation
- smoke stacks