

Your *Partner* for
Wood Pellet Systems

 **HERZ**[®]



pelletstar
BIOCONTROL



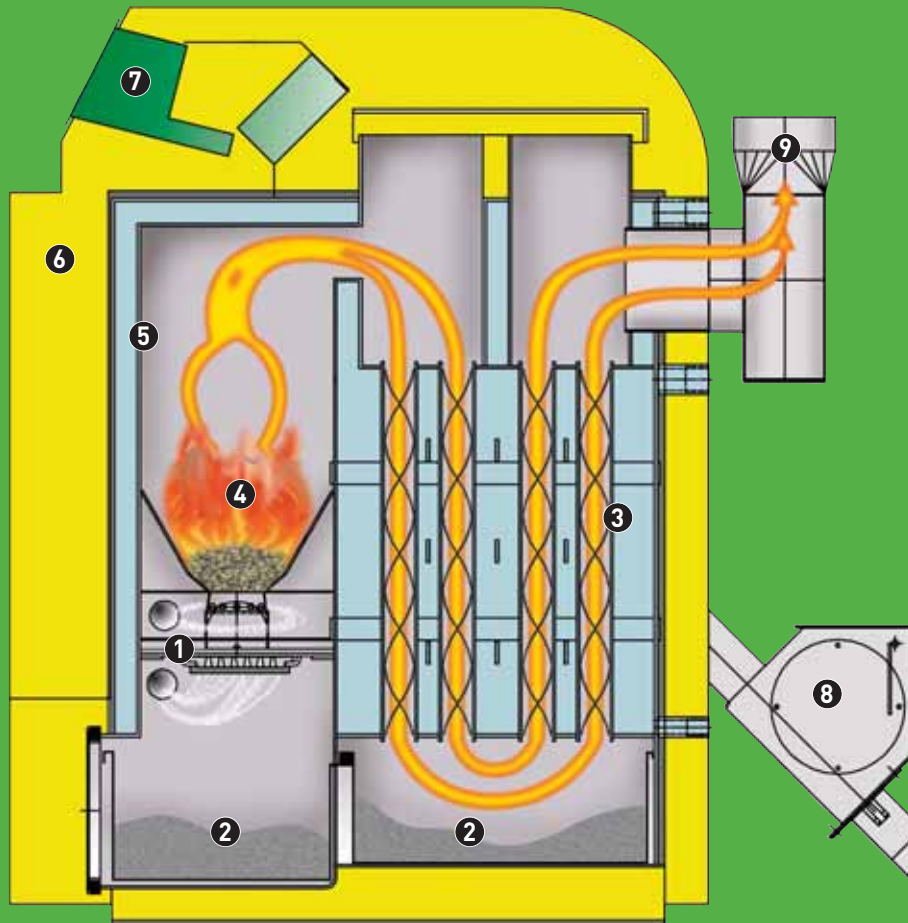


pelletstar

BIOCONTROL

...with
tomorrows
technology

- ✓ Easy and convenient operation
- ✓ Fully automatic cleaning system
- ✓ Large ash-pan provides for less frequent cleaning intervals
- ✓ Central control unit for:
 - Heating system control
 - Hot water supply
 - Control unit to increase the return flow temperature
 - Fuel buffer storage control
 - Solar system control
 - Clear LCD display
 - Easy operation
- ✓ **Combustion control**
Lambda probe provides energy saving fuel consumption and continuously clean combustion
- ✓ **Modern design**
- ✓ **Low space requirement**



- 1 Pivoting grate for automatic grate cleaning
- 2 Large ash-pan, accessible from the front
- 3 Self cleaning flue channels
- 4 High-temperature resistant burner chamber
- 5 Boiler body made of high grade steel sheet metal; welded, pressure tested and fully mounted
- 6 Low radiation loss with optimum insulation
- 7 Control and operating unit
- 8 Burn - back safety device for fire control BSD
- 9 Induced draught (ID) fan



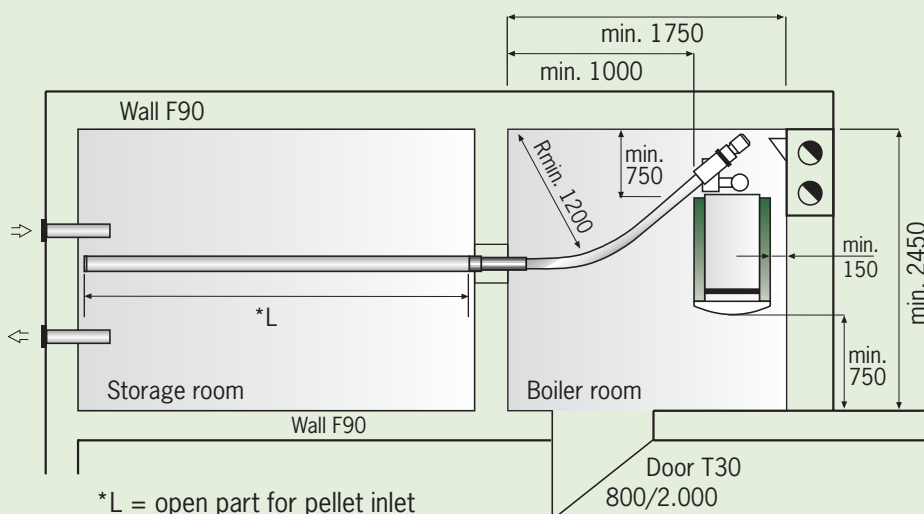
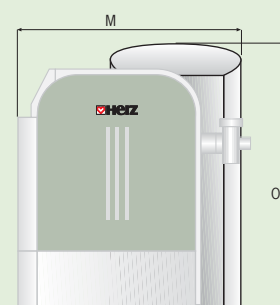
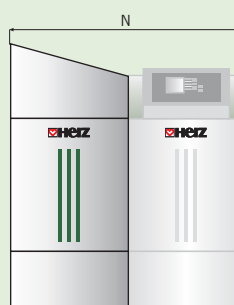
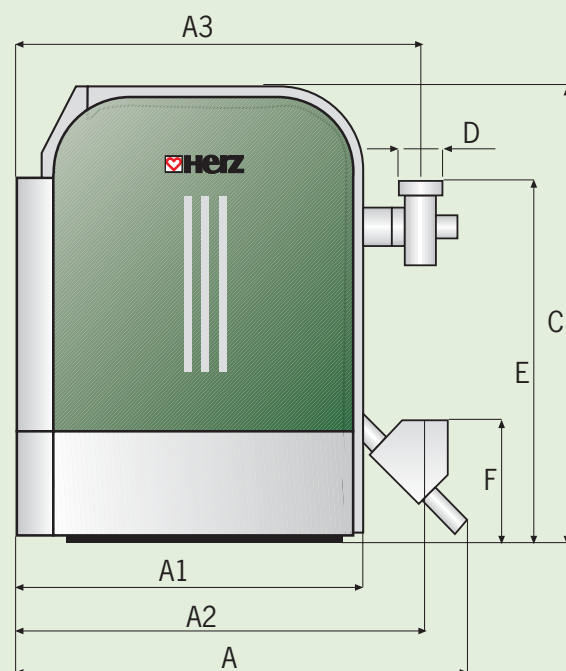
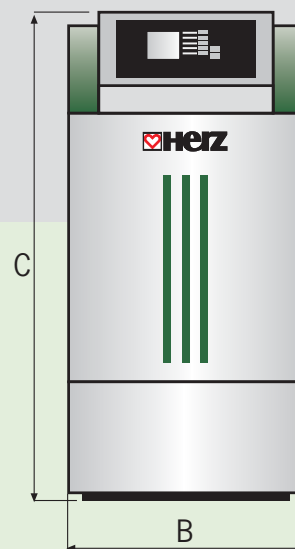
The new Pelletstar Biocontrol performs with highest efficiency

Technical Specification		10	20	30	45	60
Output range	kW	2,9-12,1	5,3-20	6,4-31,6	11,8-47	11,8-62
Boiler weight	kg	261	310	310	518	518
Max. Permissible feed pressure	mbar	0,10	0,10	0,10	0,10	0,10
Permissible operating pressure	bar	3,0	3,0	3,0	3,0	3,0
Max. Permissible flow temperature	°C	95	95	95	95	95
Water capacity	L	55	76	76	178	178
Electric supply	V/Hz	230/50	230/50	230/50	230/50	230/50

We reserve the rights for technical modifications

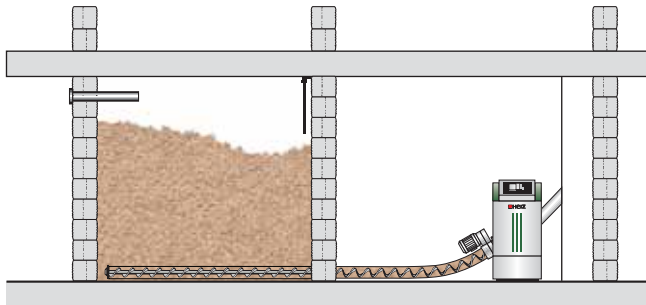
Dimensions (mm)		10	20	30	45	60
A Length overall		1315	1315	1315	1560	1560
A1 Length boiler		865	940	940	1160	1160
A2 Length boiler plus distance to BSD centre line		1120	1120	1120	1400	1400
A3 Length boiler plus distance to flue pipe centre line		955	1030	1030	1300	1300
B Width (maximum for access)		590	590	590	750	750
C Height		1168	1268	1268	1480	1480
D Smoke flue diameter		130	130	130	150	150
E Height to flue pipe top edge		925	1025	1025	1300	1300
F Height to BSD top edge		435	435	435	480	480
G Height to flow connection (1")		891	991	991	1200	1200
H Height to return flow connection (1")		701	801	801	1015	1015
J Height to feed and drain connection (1/2")		264	264	264	264	264

Dimensions with additional tank (mm)		10	20	30	45	60
M Overall length		1375	1450	1450	1470	1470
N Overall width		1190	1190	1190	1270	1270
O Height		1328	1428	1428	1730	1730

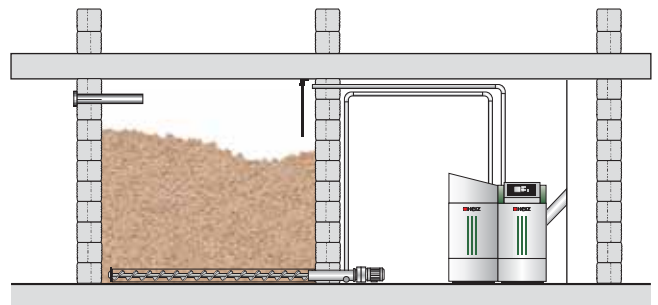


Optimal Heat
from minimal
size

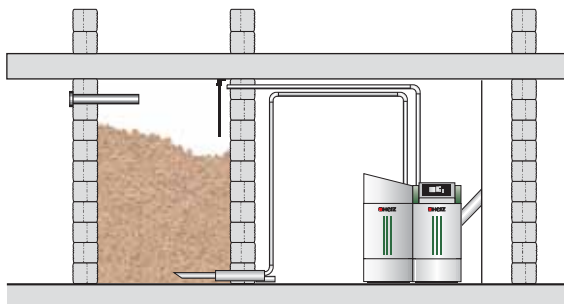
Flexible and safe fuel transport systems



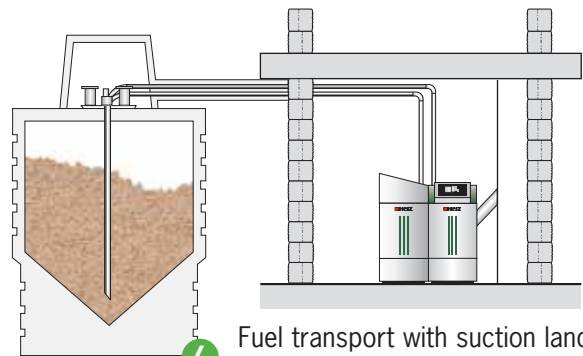
1 Fuel transport with flexible screw conveyor



2 Fuel transport with screw conveyor and suction lance

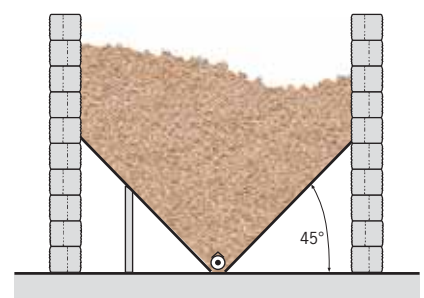


3 Fuel transport with suction lance



4 Fuel transport with suction lance out of an underground bunker

Your Partner:



Pellet silo with 45 degrees angled and smooth surfaced slides



HERZ Armaturen Ges.m.b.H.
Geschäftsbereich Feuerungstechnik
A-8272 Sebersdorf
Tel. +43/(0)3333 / 2411 - 0
Fax +43/(0)3333 / 2411 - 73
office@herz-feuerung.com
www.herz-feuerung.com



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