Centrometal
HEATING TECHNIQUE

BOILER CLASS 5

Wi Fi

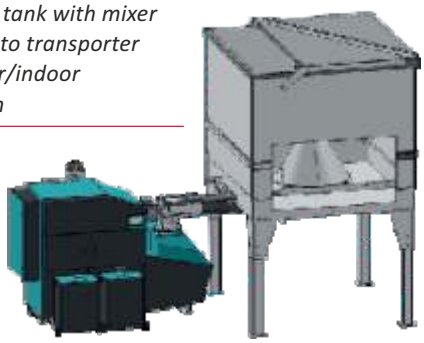
BIO-SC

HOT WATER WOOD CHIP BOILER

Steel hot water boiler for central heating **BIO-SC** with a nominal heat output 48/96 kW is intended for burning wood chips (P16S-P31S (G30-G50)/W20-W35/M20). The boiler modulates from 30%-100% adapting to the needs of the system. The built-in lambda probe ensures optimum combustion of wood chips while burner with self-cleaning grate and flue passages is installed in the boiler. The **BIO-SC** boiler comes with practical standard equipment including automatic ash extraction into 68 liter buckets as well as integrated return protection and thermal protection against overheating. The RSE dosing valve which provides protection against backfire and the boiler conveyor which facilitates fuel delivery and boiler maintenance are integrated. Multifunctional digital controller with a 7" color touch screen enables easy management of boiler operation, wood chip supply and heating system, and has a built-in WiFi chip for free connection to the web portal.

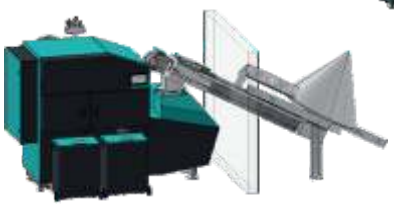
BIO-SC		48	96
Heat output	(kW)	14,4 - 48	28,8 - 96
Boiler water content	(l)	145	200
Boiler mass	(kg)	780	1020
Flue gas tube diameter*/height F/E	(mm)	f150/1040/1355	f200/1300/1370
Mail flow/Return flow	(R)	5/4"	6/4"
Max. operating temperature	(°C)	90	90
Max. operating overpressure	(bar)	2,5	2,5
Boiler width/depth/height	(mm)	1920/1335/1440	2120/1565/1440
Dimensions for entering the boiler room	(mm)	1220/955/1440	1420/1025/1440
Energy efficiency class		A+	A+

Wood chip tank with mixer connected to transporter for outdoor/indoor installation



Wood chips

Transporter with mixer for wood chips delivery from the room storage



BIO-SC/06-2026-EN

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