

SIXEN STX

STEAM BOILER COMPLETE UNIT

Built-in steam generation system designed as a standalone unit, preassembled and pre-tested at the factory before shipment in order to offer a finished product, guaranteed and simple to install. The STX system was designed so that all its components are duly sized, positioned and interconnected to make a single unit. The customer can thus rely on a spot-on design and a guaranteed system, which only needs to be connected to utilities.



ADVANTAGES

- Reduction of installation time and costs
- Easy installation
- Guarantee of reliability
- Optimisation of the dimensions in heating plant room

SYSTEM COMPONENTS



- Steam boiler of the range SIXEN con singola pompa di alimentazione
- with single feed pump



- Atmospheric deaerator - model **DEG**



- Feed water treatment unit **ADD D**



- Dosing station **DS**



- Ladder and handrail to reach the top of the boiler (**STX 1700 ÷ 5000**)

Standard equipment

- Deaerator support frame
- Hydraulic connection between softening unit and deaerator
- Hydraulic connection between deaerator and supply pumps
- Electric connection of all supplied equipment converging to a single centralised control panel

Not included

- Drains and blowdown hydraulic connection
- Pipe insulation
- BDV Blowdown vessel

Model	Code	Components included in the system					H	L	P
		Boiler	Deerator	Water softener	Dosing station	Ladder and handrail	mm	mm	mm
STX 350	89120010	SIXEN 350	DEG 500	ADD 90 D	DS 1	no	2910	2410	2910
STX 500	89120020	SIXEN 500	DEG 500	ADD 90 D	DS 1	no	2910	2410	3160
STX 650	89120030	SIXEN 650	DEG 500	ADD 90 D	DS 1	no	3030	2530	3200
STX 800	89120040	SIXEN 800	DEG 500	ADD 90 D	DS 1	no	3030	2530	3450
STX 1000	89120050	SIXEN 1000	DEG 1000	ADD 210 D	DS 1	no	3390	2740	3400
STX 1300	89120055	SIXEN 1300	DEG 1000	ADD 210 D	DS 1	no	3390	2740	3810
STX 1700	89120070	SIXEN 1700	DEG 2000	ADD 300 D	DS 1	да	3850	3010	3980
STX 2000	89120080	SIXEN 2000	DEG 2000	ADD 300 D	DS 1	да	3850	3010	4340
STX 2500	89120090	SIXEN 2500	DEG 3000	ADD 600 D	DS 1	да	4260	3360	4730
STX 3000	89120100	SIXEN 3000	DEG 3000	ADD 600 D	DS 1	да	4330	3360	5230
STX 3500	89120110	SIXEN 3500	DEG 3000	ADD 600 D	DS 1	да	4520	3500	5300
STX 4000	89120120	SIXEN 4000	DEG 4000	ADD 800 D	DS 2	да	4790	3770	5750
STX 5000	89120130	SIXEN 5000	DEG 4000	ADD 800 D	DS 2	да	4910	3890	6000

ACCESSORIES AVAILABLE FOR THE RANGE

Code	Description	12 bar		15 bar		STX
		1 pump	2 pumps	1 pump	2 pumps	STX
See "Accessories" section	Automatic purging system	■	■	■	■	■
See "Accessories" section	Standby feed water pump	■	○	■	○	■
17090037	Salinity control unit (pneumatic TDS)	■	■	■	■	■
17090035	Salinity control unit (electric TDS)	■	■	■	■	■
17090051	Salinity control unit (electric light TDS) max. p. 12 bar	■	■	○	○	■
38040100	Sample cooler	■	■	■	■	■
See "Accessories" section	Modulating level regulation with electric valve	■	■	■	■	■
39050001	Modulating level regulation with pump + inverter	■	■	■	■	■
39050100	Modulating feed of electrical two-way valve and pump with inverter	■	○	■	○	■
39050110	Modulating feed of electrical two-way valve and pumps with inverter	○	■	○	■	○
90060010	High level safety kit	■	■	■	■	■
90060040	Self-checking High level safety unit	■	■	■	■	■
90060050	Self-checking Low level safety units	■	■	■	■	■
86900067	Global safety system GSS72/1 (SIXEN 350-2000)	■	■	■	■	■
86900073	Global safety system GSS72/2X	■	■	■	■	■
90060070	2nd stage regulation pressure switch (in case of two-stage burner)	■	○	■	○	■
90060060	Ladder and handrail	■	■	■	■	○
90060090	Side platform	■	■	■	■	○
90060078	Cascade control panel	■	■	■	■	○
QCTETERM	Eterm Easy manager panel	■	■	■	■	○
39050000	Modulating feed water system with pumps + inverter	○	■	○	■	○

COMPONENTS FOR HEATING PLANT ROOM COMPATIBLE WITH THE RANGE



ECO-S
integrated economiser



ADD
Feed water treatment unit for steam boilers



VRC
Condensate collection tank



VRC-V
Condensate collection tank



DEG
Atmospheric deaerator



BDV
Blowdown vessel



DEG/P
Pressurised deaerator



VEX
Steam accumulator