



Steel Belt Systems

## Oil & Gas Sulphur solidification package

### Sulphur solidification package

SBS is able to supply complete packages consisting typically of:

- Sulphur pumps and sulphur pre-conditioner
- Duplex Basket Filter Arrangement
- Cooling conveyors complete with pastillator
- Release Medium Preparation System
- Electrical Equipment for solidification area
- Exhaust Tunnel complete with fan
- Belt conveyors for solid sulphur collecting
- Downstream equipment as bucket elevators & storage systems
- Water loop circuit
- Set of spare parts and consumables for commissioning
- Centralized suction systems



### Example of layout





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**Example of SBS cooler –Technical Characteristics**

	<b>Belt width 1.500 mm</b>	<b>Belt width 2.000 mm</b>
Stainless steel belt BERNDORF NICRO 12.1, endless welded	Thickness 1.0 mm $\pm$ 0.1 mm	Thickness 1.2 mm $\pm$ 0.1 mm
Conveyor centre-centre distance	10.670 mm	10.670 mm
Conveyor overall length	12.400 mm	12.800 mm
Cooling length	9.140 mm	9.100 mm
Cooling width	1.400 mm	1.900 mm
Belt speed	20-80 m/min adjustable	20-80 m/min adjustable
Product to be cooled down	Sulphur in pastilles dia. 2-6 mm	Sulphur in pastilles dia. 2-6 mm
Capacity	Max. 5.5 Ton/h	Max. 7.0 Ton/h



**Examples of installation**

