



Installation details

Location:	Zhongyuan GKN Cylinder www.gkn.com
Area:	Main inlet pipe of the cooling towers of the molding factory
Pipe/Capacity:	80mm, 12 m ³ /h
Model:	Vulcan S25
Purpose:	To solve the scaling problems in the cooling towers of the molding factory. <i>1. Even with a water softener, the outer walls of the cooling towers were still scaled badly, so that the heat exchange efficiency was reduced.</i> <i>2. Especially in summer, when the cooling effect did not meet the standard requirement, the alarm would ring.</i> <i>3. Each time when an alarm rings, workers need to clean the scale manually along with a sandpaper. The workload is large but the effect is bad.</i> In order to verify the Vulcan effect, the water softener was stopped and no other water treatment has been used during the period.
Treatment area:	The main inlet pipe is divided into 6 branches for spraying and cooling, and 6 cooling towers are connected respectively.
Installed by:	Shaanxi Wasser

Zhongyuan GKN Cylinder

Zhongyuan GKN Cylinder is the largest manufacturer of cylinder liners in Asia, which is a joint venture established by GKN Industrial Group (Guest, Keen & Nettlefolds), one of the world's top 500 companies.

It mainly produces high-horsepower cylinder liners for trucks, construction machinery, marine engines and generator sets, and has an annual production capacity of 3 million cylinder liners.



6 cooling towers for the molding factory were treated by Vulcan S25.



Vulcan S25 was installed on the main inlet of the cooling towers for the molding factory.



The pipe with a cable tie was cleaned as a note.



During the period, the scale has fallen off without any other water treatment.