



CASE STUDY

INDUSTRIAL WATER

Baosteel Shanghai

Shanghai, China · FW050HP

Overview

Baosteel's Shanghai works — part of the world's largest steel producer — runs Filtaworx FW050HP high-pressure filters at 16 bar on the casting floor. In service since 2015.



The Results

16 bar

Working pressure

Since 2015

In service at Baosteel Shanghai

Compact

Point-of-use protection on the casting floor

The Challenge

Baosteel's Shanghai steelworks, today part of China Baowu Steel Group, the world's largest steel producer, needed fine filtration on high-pressure water services around the casting area — a dusty, high-temperature environment where 16 bar working pressure rules out most automatic filters.

The Solution

Filtaworx FW050HP High Pressure Automatic Self-Cleaning Screen Filters, rated for 16 bar working pressure, installed at point of use on the casting floor. The compact FW050 body fits the tight pipework runs around the caster, and automatic backwash keeps screens clean in an environment where manual maintenance access is limited.

THE FILTER IN THIS INSTALLATION

Filtaworx FW050

DN 50 • Hydraulic drive

filtaworx.com/products/automatic-filters/fw050



TALK TO US

Have an application like this one?

Send us your flow rate, line pressure and what needs filtering out.
We'll size it — and say so if we're not the right fit.

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