



SANDVIK SPIDER PROTECTION KIT IMPROVED PROTECTION AGAINST ABRASIVE FEEDS

In challenging applications, cast-iron spider-arm shields and spider caps cannot fully withstand the intense friction of the feed material. The resulting wear means frequent replacement is necessary. The same is true with the spider assembly; the continuous rock-on-metal impact and scraping can lead to unwanted wear – from the top, on the sides and underneath the spider arms themselves.

Using our expertise in crusher design and wear protection materials, we analyzed the different contact, impact and wear points and developed a premium, abrasion-resistant kit with replaceable parts.

Each kit consists of our HX900 cast-in-carbide bars and edge liners, WT6000 steel backed rubber plates, WG9200 ceramic sheets and hardened steel.

The combination of the right material in the right place offers better longer-term protection of the top shell spider assembly against feed material – prolonging the life of the spider assembly and significantly reducing the need for arm and hub repairs by offering 4 times more surface area protection compared to our standard solution.

Up to 4x more protection*

*Test results are to be considered as results reached under certain and controlled test conditions. These test results should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.

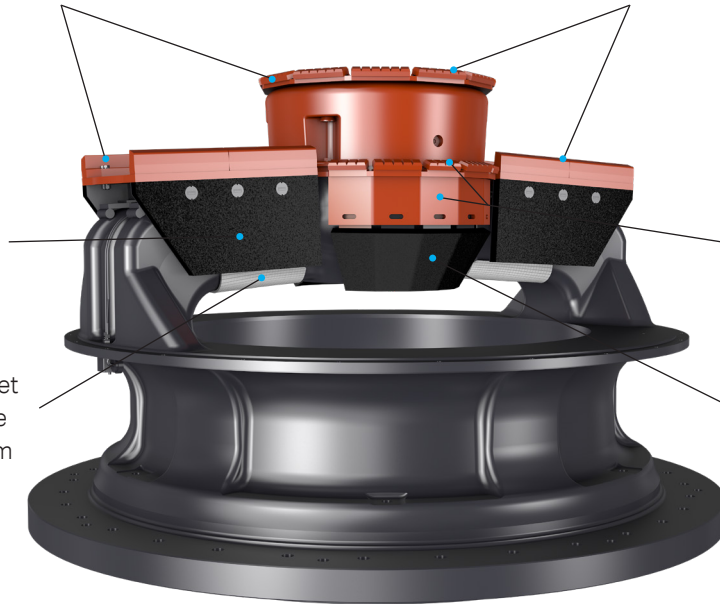
WALKAROUND**

Raised ends on the HX900 spider crown and edge liners create a rock-box out of the feed material, allowing the rocks to absorb the impact.

The HX900 cast-in carbide granules are abrasion-resistant, allowing the feed material to flow over the edge without eroding the cast iron.

Bolted-on WT6000 steel backed rubber wear plates protect the sides of the spider arms.

WG9200 ceramic sheet protects the underside of the spider arms from abrasion.



Hardened steel protectors shield the upper spider hub; HX900 bars protect the iron-steel from top impacts.

Welded-on WT6000 steel backed rubber wear plates protect the sides of the lower hub against the feed material when choke-feeding the crusher.

** Design kit varies by crusher model.

	CH895i***	CH890i***	CH880***	CH870i
Spider protection kit	BG01111304	BG01111323	BG01111323	BG01111465****
Top shell with spider protection kit installed	BG01271092	BG01271089	BG01286991	BG01268074

	CH865i***	CH860i***	CH840i***	CH830i
Spider protection kit	BG01339277	BG01333802	BG01339851	BG01334735***
Top shell with spider protection kit installed	BG01341088	BG01339892	BG01340598	BG01340561

*** Including predecessor models. **** CH870:01 has a different article number.

Each upgrade kit is crusher-model specific, and contains size-specific wear parts and attachment accessories for on-site installation. Each individual component has been designed so they can be easily exchanged and replaced when worn out.

You simply order and replace worn out components, then either bolt or weld them back into place.

Sandvik Mining and Rock Technology reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a Sandvik representative for clarification on specifications and options.

