

Habets Wear Resist Screen-bed roll for pellets



Originally established in 1944, Habets has established an enviable reputation as a Productivity Partner for large and heavy Industrial Components (new and repair) and Surface Technology (thermal spraying and others).

The fact that we offer machining capabilities and thermal spraying under one roof makes us a unique partner.

Habets is located in Nuth, in the South of The Netherlands (near to Maastricht).

Habets is active on various global markets, our main markets are:

- Steel Industry.
- On and offshore.
- Renewable Energy.

For further Information we refer to the attached brochures and our website www.habets.nl.

As a pellet manufacturer, you are expected to produce pellets that fall within a specified diameter range. To realize this, the distance between the individual pellet rolls must remain as constant as possible for as long as possible. Thus, in turn, demands a great deal from the wear resistance characteristics of your pellet rolls.

The Habets Wear Resist roll (HWR) with ceramic coating was developed especially to be able to withstand the enormous wear and tear that accompanies the production of pellets. Thanks to the HWR coating, "regapping" is no longer necessary to deal with wear and tear of product that becomes tuck, and you end up with a more constant pellet diameter over longer periods of time.

The result is a much longer tool life (> factor 7 compared to uncoated rolls) and therefore significantly decreased maintenance costs and increased production capacity.

If you wish, we will be more than willing to provide you with expert advice on you pellet rolls and consult with you to determine how much you can save by using Habets Wear Resist rolls.

Habets Wear Resist Screen-bed roll for pellets

Base material

Steel

Process

Thermal Plasma Spray

Type coating

H.W.R. ceramic (Habets Wear Resist)



Steel manufacturers realize how important it is to be able to produce pellets with a constant diameter.

Habets has developed a solution for this in the form of their “HWR ceramic” coating. The rigorous requirements which must be met when it comes to wear and tear and “non-stick” are important reasons for choosing “HWR ceramic” as a solution. Re-gapping is no longer necessary, and a very substantial extension of the tool life is achieved.

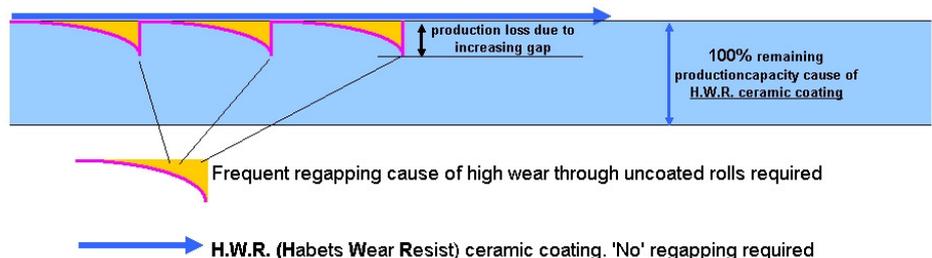
Advantages of working with screen-bed rolls treated with HWR Ceramic coating

(based on years of hands-on experience in various steel plants):

- > Regapping no longer necessary.
- > More constant pellet sizes for longer periods of time.
- > Longer tool life resulting in less downtime and higher output.
- > Proven lifetime over 8 years in a 4 million ton plant.
- > Lower maintenance costs.

Typical characteristics of HWR Ceramic coating:

- > Excellent wear resistance resulting in extended tool life.
- > Excellent corrosion resistance.
- > Technology already proven in practice.
- > Constant quality of roll surface.
- > Avoiding “Sticking” resulting in constant screen space.
- > Surface roughness value of the coating < 0,8 Ra.



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