

RIJDAM Valve Cage reconditioning



**Rijdam provides the complete reconditioning
service for Valve Cages.**

We believe that there is no short cut to producing a first class reconditioned product. With over 55 years of experience we have established and mastered the correct welding parameters, pre- and post- heat treatment thereby removing the likelihood of cracking through the use of incorrect materials and procedures.

Let us help you save money on Diesel Engine overhaul,
contact us for all your inquiries!



Inspection

We inspect your valve cages on quality, sizes and blockage of the water channels and report back to you.

Sometimes this means the nose needs to be replaced, sometimes this means we need to increase the height of the nose and then add a Stellite® layer, and sometimes just a new Stellite® layer is sufficient.

We will quote the best solution for your specific case, therefore you will never pay too much!

Option 1: Renew Stellite® Layer

In case after inspection, it turns out that the water passageways are not blocked and we expect no problems (cracking) we would advise to choose the most simple option: renewing of the Stellite layer.

We remove the old layer by pre-machining and use the best welding procedure to renew the Stellite® layer. Procedure of choice can be spray and fuse, PTA or TIG/MIG, this depends on the inspection results.



Option 2 Increase nose height + renewing Stellite® Layer

In case after inspection, it turns out that the water passageways are not blocked but the seat height is worn off, we would advise to increase the height of the nose.

In this case the most simple option is to pre-machine the old layer off, add height by welding a Nichroma layer and then renew the Stellite layer.

Option 3: Renew Nose

In case after inspection, it turns out that the water passageways are blocked and we expect problems (cracking) we would advise to renew of the complete nose.

The seat and landing end of the water cooled cage is removed - often revealing complete blockage or erosion of the coolant passageways.

The water resistant passageways are cleared and a new, Stellite® seat is then welded onto the body.



Rijdam Hardfacing Services



Rijdam checks your cages without any constraints



We find and offer the best option for your specific case



Friendly, fast and reliable service

Contact us now and find out how we can help you!


Rijdam Handelmaatschappij BV
Hoogeveenenweg 211
2913 LV, Nieuwerkerk aan den IJssel

Website: www.rijdam.nl
Phone: +31 (0) 85 210 01 10
E-mail: info@rijdam.nl

 @Rijdam Handelmaatschappij

 @Rijdam

 @RijdamHardfacing

 @Rijdam