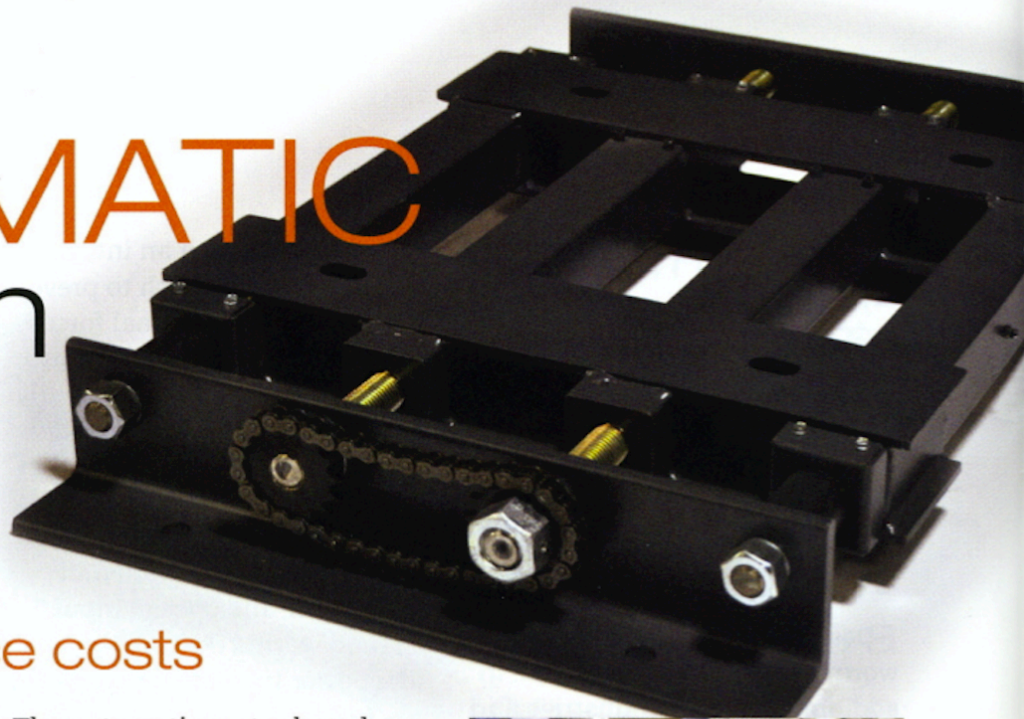


AUTOMATIC problem solver

Automatic
motor bases can
lower maintenance costs



A major university decided it was time to decrease maintenance costs by increasing air conditioning efficiency. The school did this by removing the standard manually adjustable motor mounts from their HVAC units and replacing them with automatic motor bases. The automatic motor bases significantly reduced maintenance hours by decreasing the frequency of on-site belt adjustments. The automatic motor bases also extended the life of the belts and bearings on the HVAC units, reducing costs for future replacement parts.

Similarly, a rock crushing company approached Overly Haultz about reoccurring issues with broken belts and damaged bearings on rock crushing units. Overly Haultz recommended the automatic motor base for the application. Not only did the automatic motor base extend the life of the belts and bearings, it also resulted in significantly increased uptime for the customer.


The automatic motor base has been used successfully for more than 65 years. It features a built-in spring or series of springs to control belt tension, as opposed to a standard manual base that is not spring-loaded and does not adjust with changing workloads. The motor rides on cross members attached to tubes, creating a carriage that automatically moves toward or away from the driven unit as the load changes.

For example, as the workload increases, belt tension increases. The spring then compresses and the carriage moves toward the driven pulley. The result: tension is always maintained at a value sufficient to keep the system operating at peak energy efficiency, with neither slippage nor excessive tension.

Automatic motor bases are used in challenging applications, like rock crushers, critical premium applications such as precision cooling systems in the datacenter and pharmaceutical industries, as well as standard air conditioning installations.



Automatic motor bases can significantly reduce maintenance hours.

Both companies highlighted here, the university and rock crushing company, discovered that the automatic motor base is a cost-effective way to significantly reduce in-field maintenance expenses and increase facility uptime. Because the base automatically maintains proper belt tension, it requires less routine maintenance for tensioning and replacing belts and bearings, resulting in lower maintenance costs. 

Contact your local IDC Distributor-Owner for more information on automatic motor bases from Overly Haultz. www.overlyhaultz.com