

## Shear Jaw Armor®



Genesis Shear Jaw Armor® is a proprietary plate system designed to be a sacrificial wear surface that takes the brunt of the shearing forces and abrasion in high wear areas of the upper and lower jaws.

Although it will not prevent all wear, Shear Jaw Armor is designed to significantly reduce the time required to build up and hard-surface jaw structure steel. When installed properly, and during normal use, the plates can typically remain in place for several months.

Daily inspections must be performed to identify issues, and any deficiencies must be promptly addressed to guarantee extended Jaw Armor component life and retention. Failing to address issues may result in the premature bending and/or failing of plates or welds.

Following Genesis welding procedures is crucial for proper Shear Jaw Armor installation and extended life. This can be a bit of a challenge if the installer isn't aware of the need for flush fitment, proper spacing, and precise jaw profiles.

In an effort to make installation easier, Genesis offers a clamping tool, part number 9101267, to aid with holding the plates in position and tight to the jaw face.



Hard-surfacing over Jaw Armor components is not recommended. The welding may cause buckling of the plates as they cool, creating an unwanted void between the Armor and jaw surfaces, and allowing for movement that will likely lead to weld failures caused by compression during cutting.



Retro-fitting Jaw Armor onto well-used shears is also extremely difficult due to the worn jaw surfaces and need for precise fitment. In many cases it can be done, but time and care must be taken to ensure the Armor fits as intended.

The Genesis [GXT Shear Jaw Armor® Field Installation Manual](#) and [GXP Shear Jaw Armor® Field Installation Manual](#) detail proper Jaw Armor installation. But, if you have questions, be sure to contact Tim at 218-349-5755, [talseth@genesisattachments.com](mailto:talseth@genesisattachments.com), or Loren at 715-919-8316, [llagesse@genesisattachments.com](mailto:llagesse@genesisattachments.com).