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Centering and axially tensioning roll rings in one
Hydraulic high-pressure tool ensures long service life and shortens downtime

During production, roll rings are subject to considerable forces that result in wear, damage and destruction. A high percentage of the intensive wear of expensive components is a consequence of radial tensions. In order to reduce radial forces down to a minimum, and hence limit wear, the specialists in hydraulic high-pressure tools from Schaaf developed the A_LOC roll ring tension system. It is capable of centering roll rings on the shaft and securing into place axially such that high roll torques can be transferred free of play – all in one operation.
The system affords considerably longer service life of carbide roll rings. Firstly, ceramic roll rings can be used. Also, regrinding frequencies and depths are lower and shattering is reliably prevented due to the radial tension. In addition, the optimised progression of tension ensures that the axial and radial bearings of the rolls work considerably longer without failing.
The user-friendly hydraulic high-pressure tool allows roll rings to be centered and axially tensioned in one clamping. Schaaf has simple and practical tools in its product portfolio for quick and easy removal of roll rings.

SCHAAF GmbH & Co. KG · Brüsseler Allee 22 · 41812 Erkelenz - Germany · Tel.: +49 - 24 31 - 9 77 70-0 · Fax: +49 - 24 31 - 9 77 70-77 · E-Mail: info@schaaf-gmbh.com