



Application description

The tool holders and carbide cutters on asphalt milling machines need to be replaced regularly.

Bolting process for this application:

The tool holders holding the cutters are kept in place with 17 mm Allen bolts which are fastened at 630 Nm.

The RAD tool needed for this job is the B-RAD SELECT 1400-2 or B-RAD SELECT 1400 with special forked reaction arm.

RAD solution and USP's:

The B-RAD SELECT 1400-2 with special 'fork' reaction arm is suitable for both loosening and fastening the Allen bolts on this application.

The tool offers a cordless solution, without the noise and vibration of an impact wrench, and the bolts are fastened to the specified torque accurately.

Easy solution on site, where compressed air is not available.

Examples of manufacturers:

Asphalt milling/ cold planing machine manufacturers such as Roadtec, Shantui, Wirtgen, Dynapac, Bomag, Caterpillar, Sakai, Bitelli

The conventional methods and drawbacks:

Traditionally this job involves using a pneumatic impact wrench for quick fastening and a manual torque wrench for final torque. Impact wrenches are very inaccurate and produce a lot of noise and vibrations. Pneumatic impact wrenches need hoses and sufficient air supply on location.

Specification of RAD tools and accessories:

- B-RAD SELECT 1400-2 (PN: 28267)
- B-RAD SELECT 1400 (PN: 28266)
- Special forked reaction arm (PN: 300831)
- 17 mm Allen hex driver bit

Target customers:

Asphalt milling/ cold planing companies.



The tool holders with the carbide cutters are clearly visible. The 17 mm Allen bolts are covered by the orange caps.



300831 - SPA 1400 X2= 53 Y=120 FORK



The B-RAD 1400-2 with forked reaction arm on the application.



The B-RAD 1400-2 accurately loosens and fastens the bolts to 630 Nm.