

CUTTING OF ALUMINIUM

WITH SPECIALIST DIENES FOR GOOD REASON

When cutting aluminium, highest precision and smallest tolerances are of utmost importance. Here, DIENES has been setting the benchmark for efficiency and quality for decades.



Leading companies from the aluminium industry are placing their trust in the specialist DIENES and its products when it comes to cutting aluminium. This is not surprising, as DIENES provides cutting results at the highest level with more than 100 years of experience in the development, production and service of industrial slitting tools.

Whether it is for doublers, separating machines, roll stands, slitter winders or trimming stations – thanks to our unique industry expertise and the innovative technologies of our knives, knife holders and slitting systems, faulty cutting edges, metal deposits and flaking is avoided or reduced to an absolute minimum.

The result: More process reliability, less material rejects and coils of impeccable quality. If desired we can also provide you with extensive technical advice as well as training of your employees. Our extensive service offer rounds off our regrinding service, which will make your knives like new again to manufacturer's quality.

Benefits at a glance:

- Circular, rotary shear and straight knives as well as knife holders from a single source
- Sophisticated and efficient slitting systems
- Clean cutting edges with highest precision
- More process reliability and coils in top quality
- Tinsel- and burr-free cuts, clean roll distribution patterns
- Extensive service from technical advice and training, kaizen analysis up to regrinding



ALL OUR KNOW-HOW FOR CLEAN EDGES

As supplier and development partner for worldwide aluminium processing, we are providing support for our customers in their individual processes, and are continuously developing innovative special solutions in addition to our high-performing standards. For this we consider all relevant parameters for trouble-free and practice-oriented implementation. Due to highest material quality, specially polished surfaces as well as accurate machining of our products – but also due to our extensive experience in aluminium processing – the specific requirements are met: smooth, clean cutting edges, tinsel- and burr-free cuts as well as clean roll distribution patterns. In addition, our knife lubrication prevents the adhesion of metal on the knife edge.

DIENES provides you with knives for any application in aluminium processing. Our product range covers circular knives, rotary shear knives, scrap choppers, as well as wear plates, knife holders up to the automatic slitting systems. Even two-layer aluminium foils that are no more than some μm strong can be cut precisely with our knives.

Why don't you also make use of our insight to ensure efficiency of your production. We will be pleased to help on +49 2206 605-160 as well as sales@dienes.de

New acuteness & precision:

The regrinding service for circular, straight and rotary shear knives at manufacturer quality.

service line +49 2206 605-506
www.messerservice.de

- 1** Rotary shear cut **2** Powered knife holder type PSGs DF 50 Power with knife lubrication
3 Knife lubrication **4** Automatic slitting system (cutting width from 34 mm, material up to 500 μm)

