Erhardt ERKO GmbH

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High current contact systems for electroplating systemsThe high-current contact

systems are made of cast copper and are therefore very robust against mechanical

influences. Copper is also a very good conductor material, which ensures low

resistance.Our high-current contact systems are used in electroplating systems,

anodizing systems or even in the manufacture of printed circuit boards.

Range of services

 High current contact systems
250-12000 AHigh current contact head
1000 + 2000 APlastic bearing block
250-12000 A Your advantages:Few wear parts and no control elementsContact

pressure behaves analogously to the loading weightNo heat generationSuitable for

fully automatic systemsFast batch changeOptimal current transferEasy to

maintainLong lifetimeSelf-tensioning High current contact block
The contact block consists basically of two massive fixed contact forks.
When introducing the carrying rail, a vertically movable wedge is pressed

downwards, to establish a safe frictional connection.The contact pressure applied

will always correspond to the carried weight of the rail plus loads carried.The wedge

is spring-loaded and thus tolerates some movement in the direction of the rail, compensating for some irregularity in the plane-parallel contact faces and some bending of the rail.When lifting the rail, it is easily released, so that neither introducing nor removing the rail produces any adverse friction.

 Self-clamping quick-release contact head for electroplating framesThe ERKO® contact head FK is pushed from top to bottom onto the were rail or cathode rail. A spring-loaded clamping plate presses the were rail against the contact surface of the contact head.The contact heads must be designed for the respective width of the were rail. These should not exceed or fall below a tolerance range of ± 0.5 mm. The spring preload does not increase when the weight of the goods carrier increases.
 High current contact head, type FKHigh current contact head, type KK

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