

Application example **Piston**

| PLASTIC WELDING ME | TAL WELDING | CUTTING | CLEANING | SCREENING |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <image/> <image/> | ded addi be p safe prod Solu Both way with offe tion: this pinc Con The TCS! ters The of al rema Thus ding | astic piston made fro parts, which should itional sealing elemer produced in a reliable ty-relevant compone cess reliability and qu ition n plastic parts are join with a USP750 ultra n a maximum output rs comprehensive pro s. The correct joint de application, the joini th seam. ifiguration advantag ultrasonic joining pro 5 process controller of and rejects parts tha joining seam formati II, a tight weld conne ains in the joining sea s no additional sealin | ned tightly together in sonic welding system, of 1200 W. The TCS5 ogramming and qualit esign is crucial for a ti ng area was impleme ges pocess can be automat | htly and without ne application must mbers of parts. As a are placed on it for a process-reliable frequency 35 kHz, process controller y monitoring func- ght joining seal. In nted as a trapped ed very well. The the welding parame- ance range. a seam ensures, first that the plastic melt ble welding quality. ed. Ultrasonic wel- |
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