



Dear business friends,

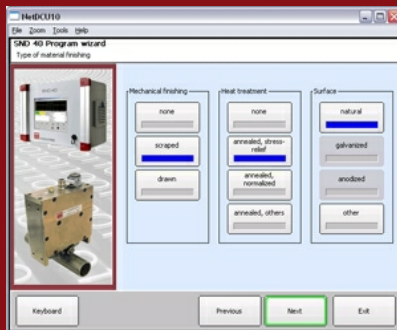
*We hope our newsletter contains topics of interest for you - for any questions our sales team is always at your disposal. We wish you and your families a nice summer holiday and a good recreation!
 Enjoy your reading!*



**You search ... we find together
 with you new ways to ensure high quality standards**

PRODUCTS

New software wizard facilitates the parameter determination for the Weld Seam Detection System SND40



The detection of a weld seam is becoming more and more important during automated production processes and has become increasingly important for the quality of the end product. This is why the sector of Weld Seam Detection has grown steadily during the last years at ROLAND ELECTRONIC GmbH. For this reason, we constantly improve our products in this sector. After introducing the Remote Service Box last year, the usability of the Weld Seam Detection System has now been significantly improved. In many cases, a deeper understanding of Weld Seam Detection is necessary in order to find the best settings for the Weld Seam Detection System SND40 in dependency of the material to be tested. The type of material, wall thickness or sheet thickness, the welding method, etc., various options are possible for the measuring method or its resulting program parameters. An optimal measurement result can therefore only be achieved by tests or empirical values. ROLAND ELECTRONIC has taken this problem into

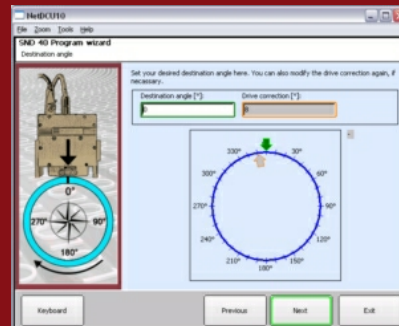
account with a comprehensive revision of the operating software. A very simple menu guide (Fig. 1: Easy menu navigation to find the optimum parameters) allows now to find the optimum parameters for the localization of weld seams at tubes, etc., depending on the product - without a deeper knowledge of the measuring device or the measuring method.

The new wizard minimizes the effort required to set up the system. Only tube diameter, wall thickness, material type, data on post-treatment as well as the desired destination angle for weld seam positioning must be entered (Fig. 2: Destination angle).

These parameters are conveniently queried step by step. From this, suitable "recipes" are calculated, which are verified and optimized in a subsequent automated process.

The database, which has been continuously developed and maintained by ROLAND ELECTRONIC over the years, is a valuable base.

The software is preinstalled and is now available on all SND 40 systems for Weld Seam Detection at tubes.



FAIRS OUTLOOK



AMTS 2017

Shanghai International Automotive
Manufacturing Technology & Material
Show 2017
from September, 05th to 08th 2017 in
Shanghai, China,
hall E1 / booth A06



SCHWEISSEN & SCHNEIDEN 2017

International trade fair Joining Cutting
Surfacing,
from 25 to 29 September 2017 in
Düsseldorf / Germany,
hall 14 / booth B03



Blechexpo - Schweisstec 2017

13. International trade fair for sheet metal
working
from November 7th to 10th 2017 in
Stuttgart, Germany,
hall 8 / booth 8212

GENERAL INFORMATION

We would like to inform you that we are closing for Christmas Holidays - our company will be closed for holidays from 25th of December 2017 until 05th of January 2018. From January 8th 2018 we will be back for you again.



ABOUT US

We develop, produce and distribute highly specialized systems for factory automation and quality control since 1965. Our sensors and controllers solve tasks that are not solvable with standard sensors.

TECHNOLOGIES

Our core competencies are: Magnetic Flux, Eddy Current and Induction. With these technologies, we build sensors for very special detection tasks. We apply latest laser technology where the advantages of optical technology are required.

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